

OptoSmart

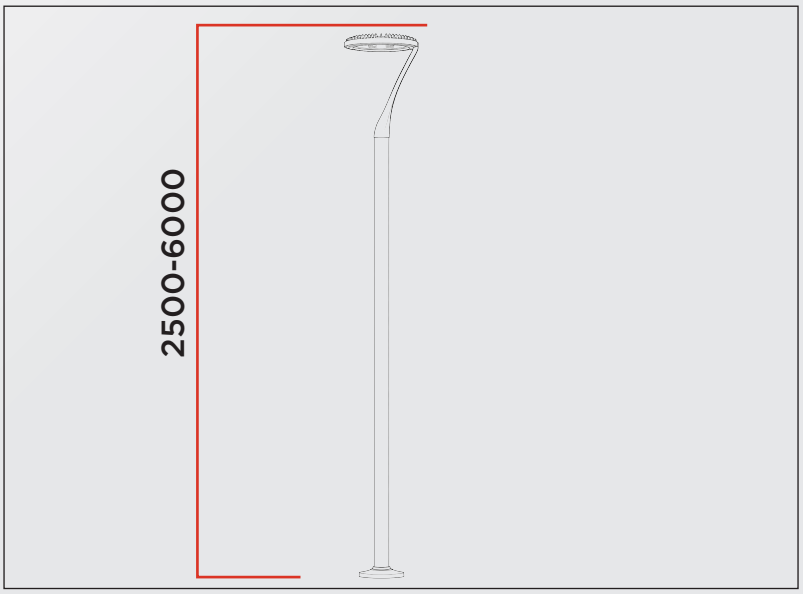
Poles

OptoSmart

Cosmo Lighting Pole

optosmart.uk





20-60 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	20-60W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø180mmX3mm
Body Type	Cylindrical Pole
Material	Aluminum/Galvanized Steel

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Cosmo
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	111 lm/W
Luminaire Luminous Flux	2220-6660lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
4,5mt.	35W	3885lm	3000	>80

ISO TSE RoHS CE

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Cosmo Lighting Pole

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Gallancia Lighting Pole

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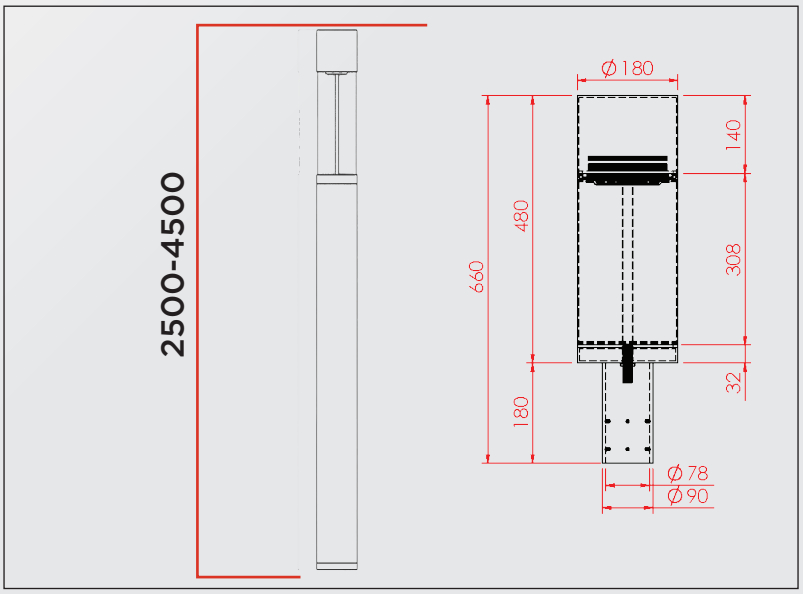


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Gallancia Lighting Pole

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35 Watts | 3000K - 6500K | IP66 | IK08

DarkSky Approved

Commercial Luminaire

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	35W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø180mmX3mm
Body Type	Cylindrical Pole
Material	Aluminum/Galvanized Steel

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Gallancia
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	111 lm/W
Luminaire Luminous Flux	3885lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
4,5mt.	35W	3885lm	3000	>80

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Gallancia Lighting Pole

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Commercial
Luminaire



DarkSky

DarkSky Approved Luminaire

COMMERCIAL PRODUCT FAMILY

OptoLed

Gallancia 2500mm

Thank you for being a valued part of the DarkSky Approved Luminaires program—providing quality lighting that protects dark skies and preserves the nighttime environment.
These efforts safeguard a shared cultural heritage and keep our stars shining bright.

Ruskin K. Hartley
Executive Director

DarkSky Approved
Commercial Luminaire

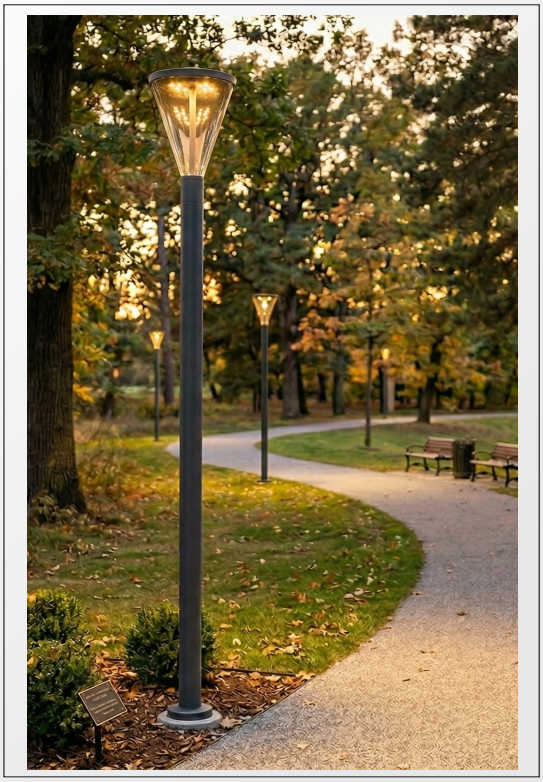
James Brigagliano
Lighting Program Manager

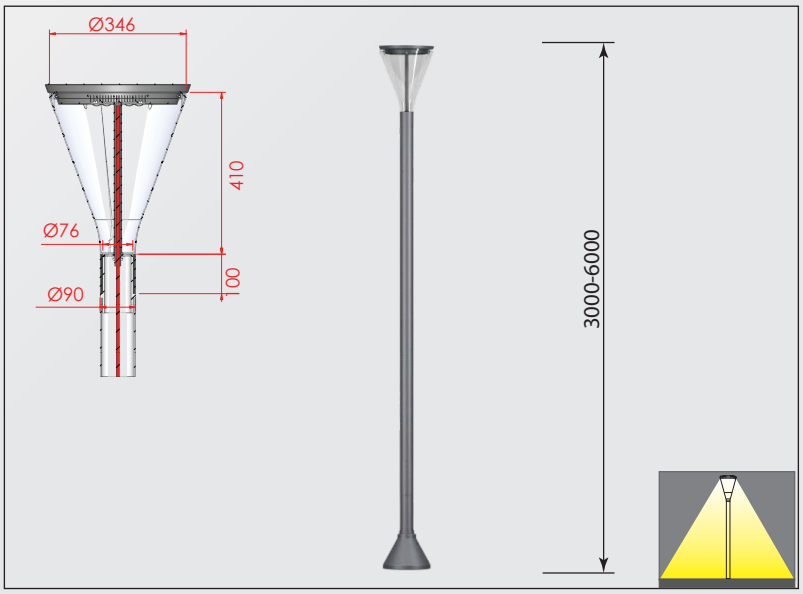
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VERSION 3.0

Tura Lighting Pole

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20-60 Watts | 3000K - 6500K | IP65 | IK08

DarkSky Approved

Commercial Luminaire

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	60W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Plexiglass
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Pole Body Specs

Dimensions	Ø90mmX3mm
Body Type	Cylindrical Pole
Material	Steel / Aluminum

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Tura
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	105 - 130 lm/W
Luminaire Luminous Flux	2100 lm - 7800 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6mt.	60	7200lm.	4000	>80

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Tura Lighting Pole

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Luminaire



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DarkSky Approved Luminaire

COMMERCIAL PRODUCT FAMILY

OptoLED Lighting

Tura

Thank you for being a valued part of the DarkSky Approved Luminaires program—providing quality lighting that protects dark skies and preserves the nighttime environment.
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Ruskin K. Hartley
Executive Director

DarkSky Approved
Commercial Luminaire

James Brigagliano
Lighting Program Manager

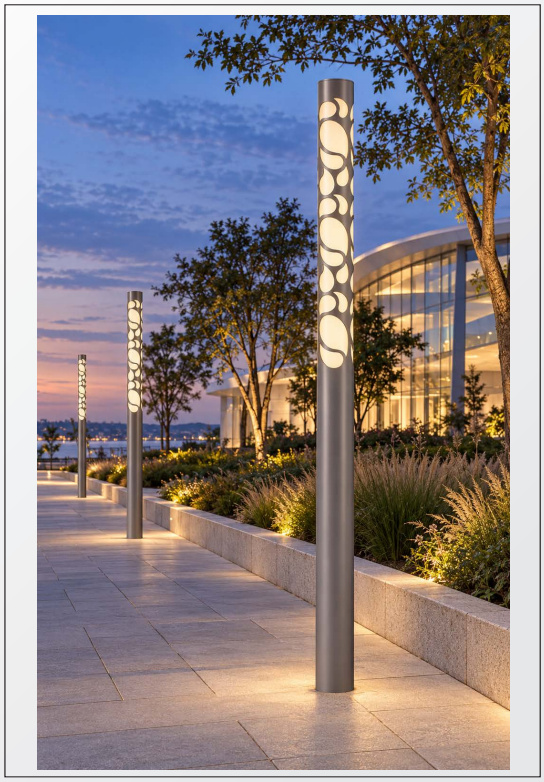
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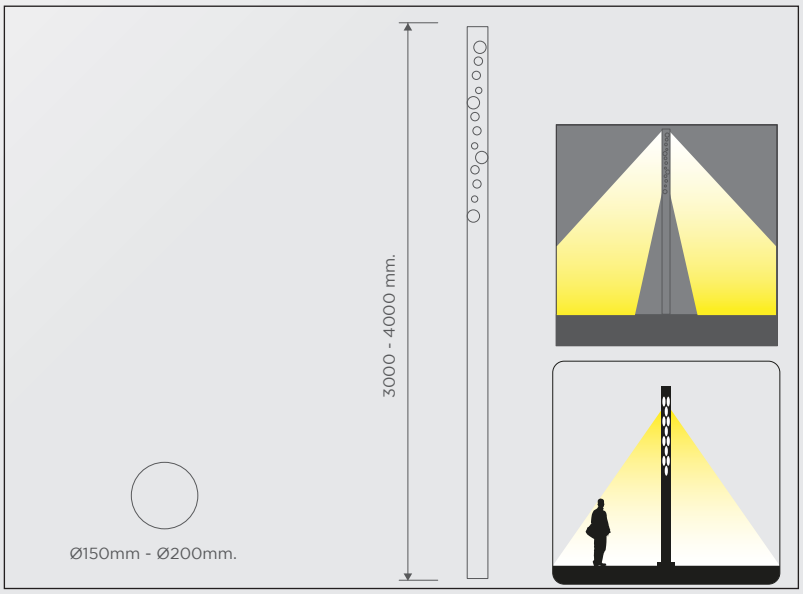
VERSION 3.0

OptoSmart

Colonna Lighting Pole

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20-60 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	20-60W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Plexiglass
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Pole Body Specs

Dimensions	Ø150-200mmX3mm
Body Type	Cylindrical Pole
Material	Galvanized Steel / Aluminum

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Colonna
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	1800 lm - 7200 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
3mt.	60	5400lm.	4000	>80

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Colonna Lighting Pole

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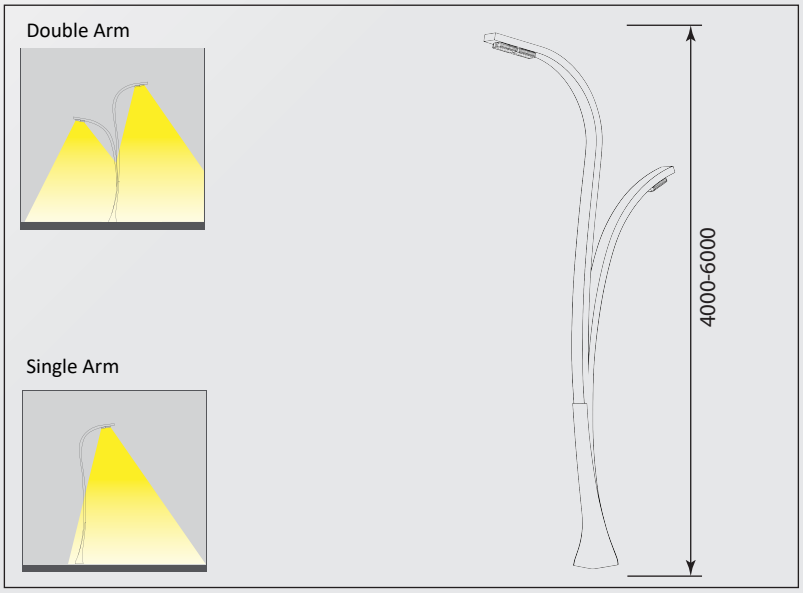


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Armonia Lighting Pole

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15-100 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	15-100W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	-
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Armonia
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	1800 lm - 12000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6mt. Single	50	6000lm.	4000	>80
6mt. Double	2x50	2x6000lm.	4000	>80

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Armonia Lighting Pole

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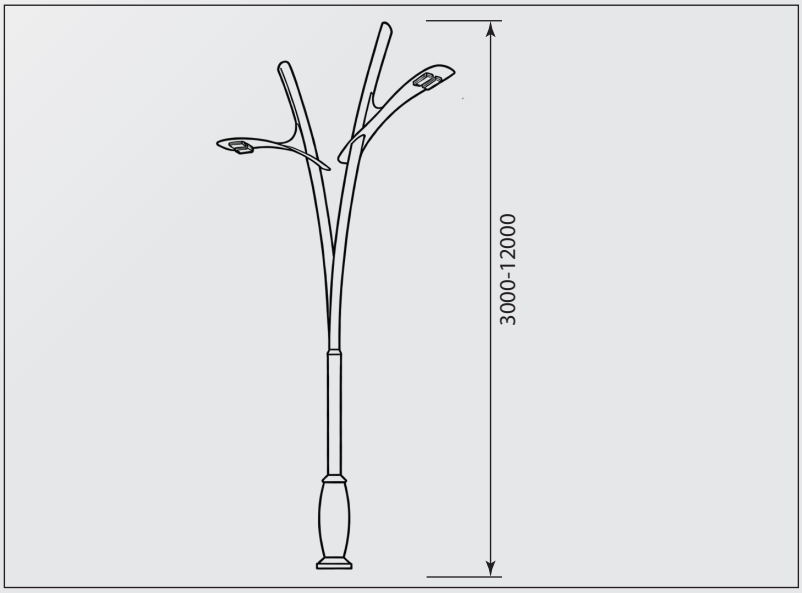


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Volga Lighting Pole

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15-250 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	15-250W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	-
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Volga
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	1800 lm - 30000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6mt. Single	50	6000lm.	4000	>80
6mt. Double	2x50	2x6000lm.	4000	>80

ISO TSE RoHS CE

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Volga Lighting Pole

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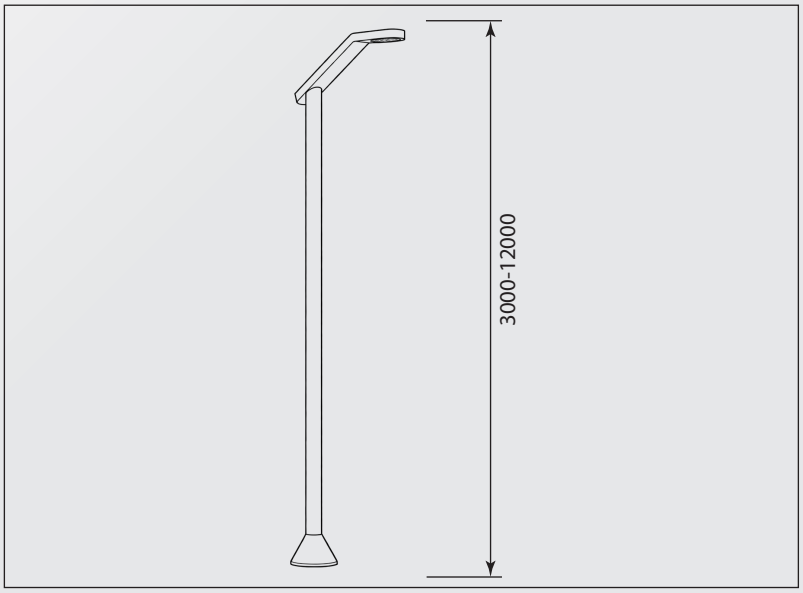


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Punto Lighting Pole

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15-250 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	15-250W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	-
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Punto
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	1800 lm - 30000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6mt. Single	50	6000lm.	4000	>80
6mt. Double	2x50	2x6000lm.	4000	>80
6mt. Triple	3x50	3x6000lm.	4000	>80

ISO TSE RoHS CE

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Punto Lighting Pole

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Punto Lighting Pole

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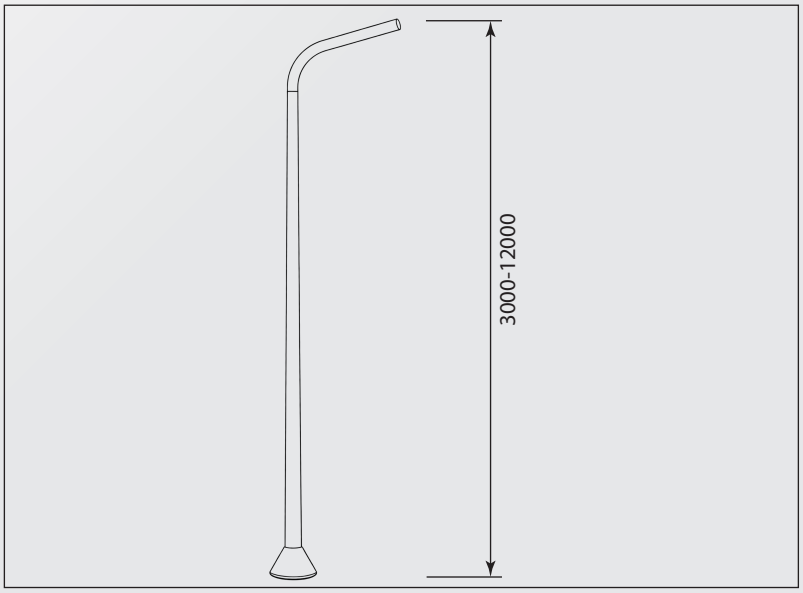


OptoSmart

Larus Lighting Pole

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15-250 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	15-250W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	-
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Larus
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	1800 lm - 30000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6mt. Single	50	6000lm.	4000	>80
6mt. Double	2x50	2x6000lm.	4000	>80
6mt. Triple	3x50	3x6000lm.	4000	>80

ISO TSE RoHS CE

OptoSmart

Larus Lighting Pole

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OptoSmart

Larus Lighting Pole

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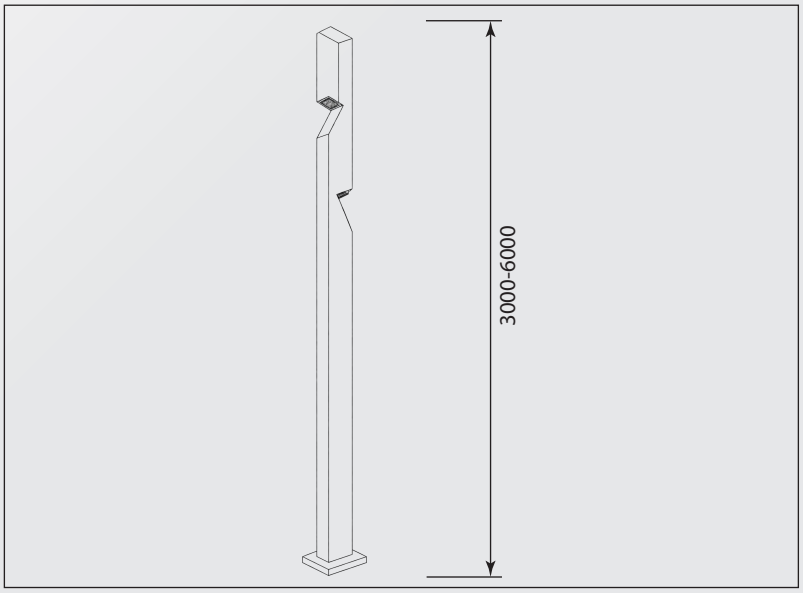


OptoSmart

Qubo Lighting Pole

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15-60 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	15-60W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	-
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Qubo
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	1800 lm - 14400 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6mt. Single	60W	7200lm.	4000	>80
6mt. Double	2x50W	2x6000lm.	4000	>80

ISO TSE RoHS CE

OptoSmart

Qubo Lighting Pole

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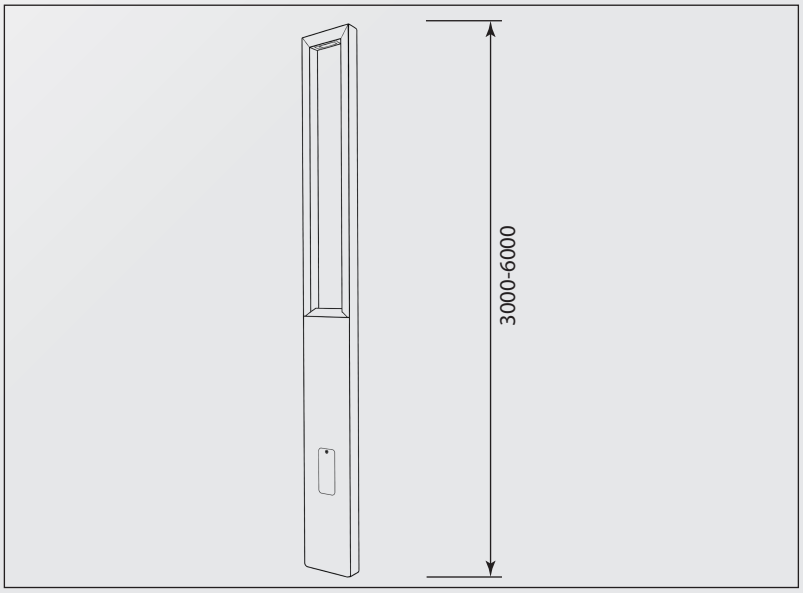


OptoSmart

Gard Lighting Pole

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20-50 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	20-50W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	-
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Gard
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	1800 lm - 6000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
3mt. Single	30	3600lm.	4000	>80

ISO TSE RoHS CE

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Gard Lighting Pole

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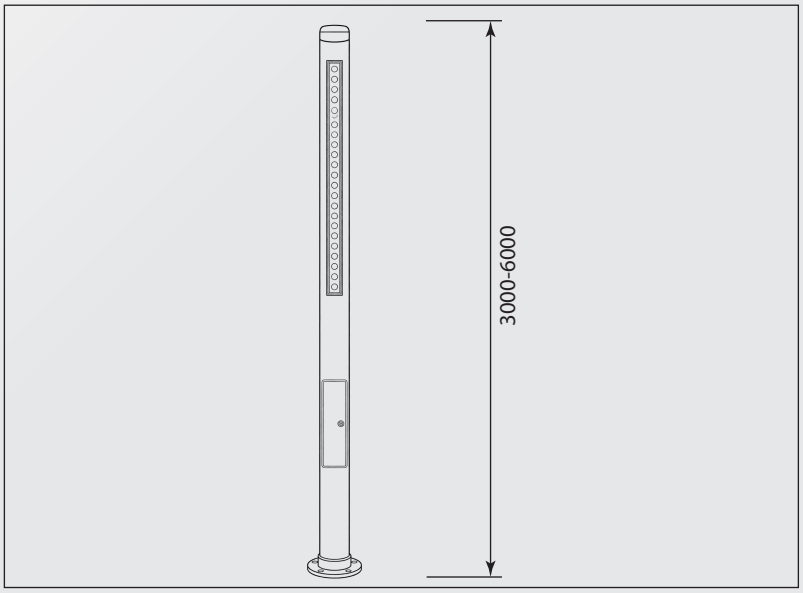


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Meridian Lighting Pole

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20-50 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	20-50W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Plexiglass
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Meridian
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	1800 lm - 6000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6 mt	50W	6000lm.	4000	>80

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Meridian Lighting Pole

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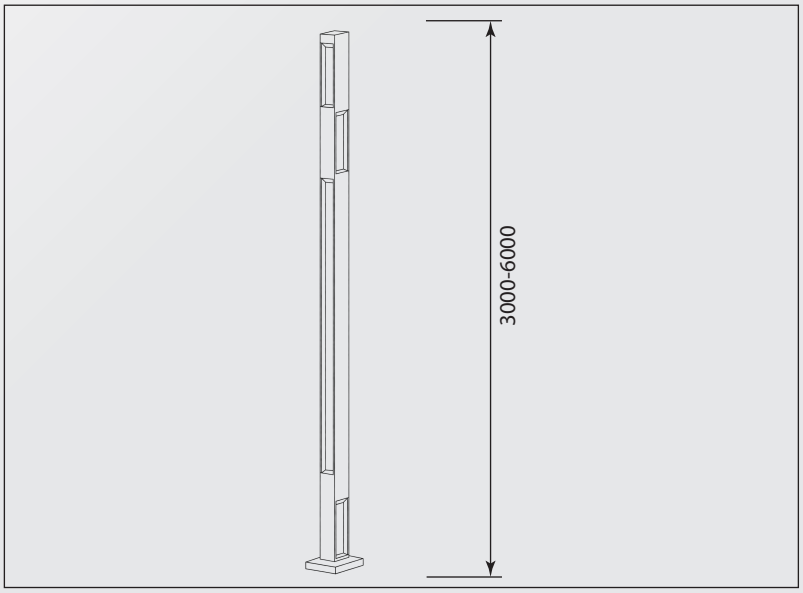


OptoSmart

Metro Lighting Pole

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20-50 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	20-50W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	-
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Metro
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	1800 lm - 24000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6 mt	4x30W	4x3600lm.	4000	>80

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Metro Lighting Pole

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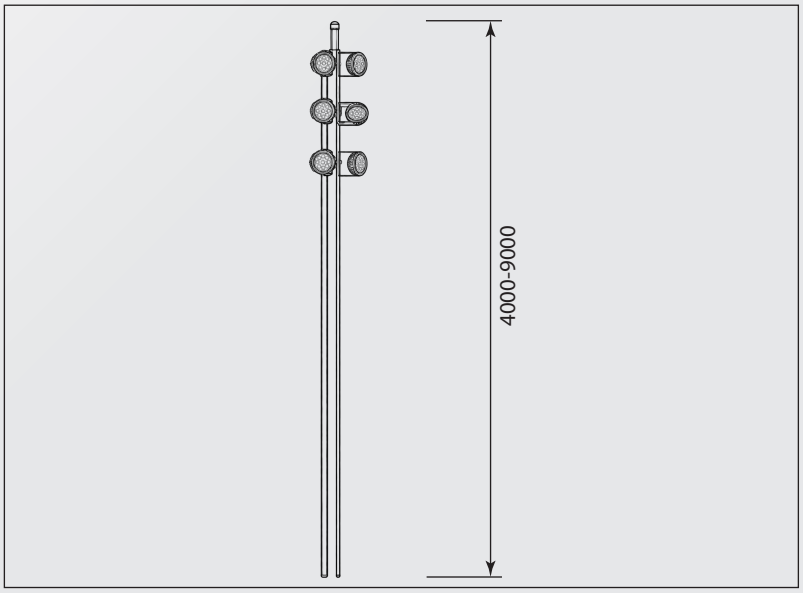


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Kalkedon Lighting Pole

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20-250 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	20-250W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	-
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Kalkedon
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	1800 lm - 30,000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6 mt	4x30W	4x3600lm.	4000	>80

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Kalkedon Lighting Pole

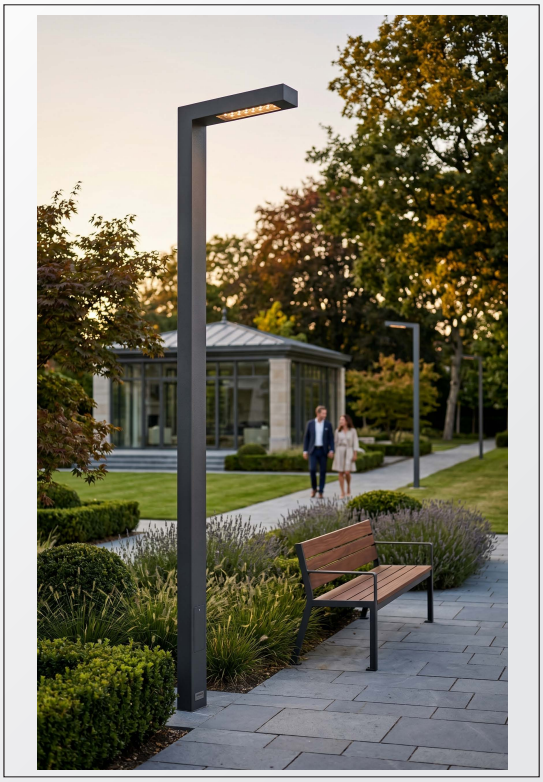
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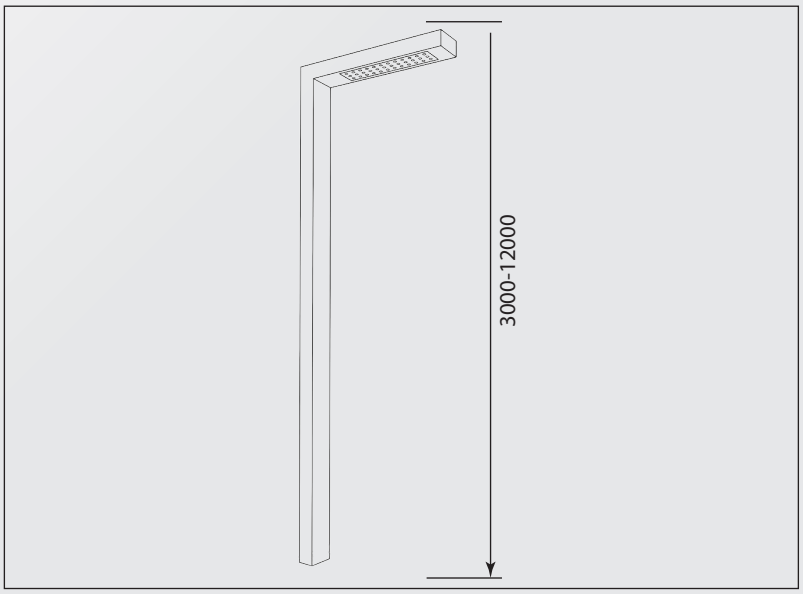


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Wingo Lighting Pole

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15-250 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	15-250W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	-
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Wingo
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	1800 lm - 30000 lm

Product Configurations

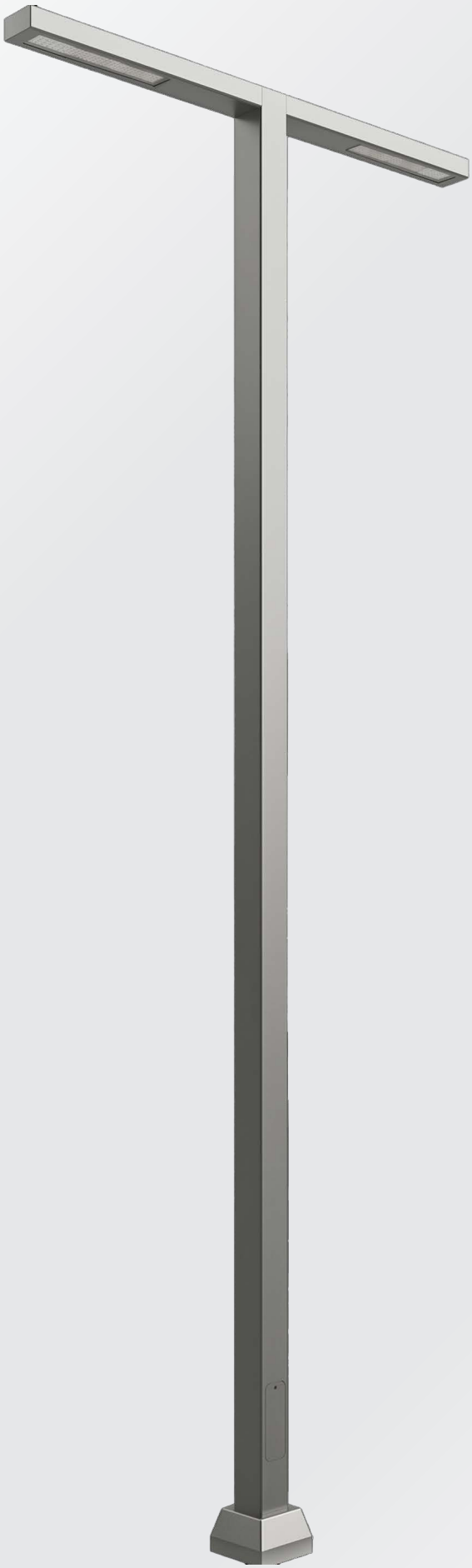
Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6mt. Single	50	6000lm.	4000	>80
6mt. Double	2x50	2x6000lm.	4000	>80

ISO | TSE | RoHS | CE

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Wingo Lighting Pole

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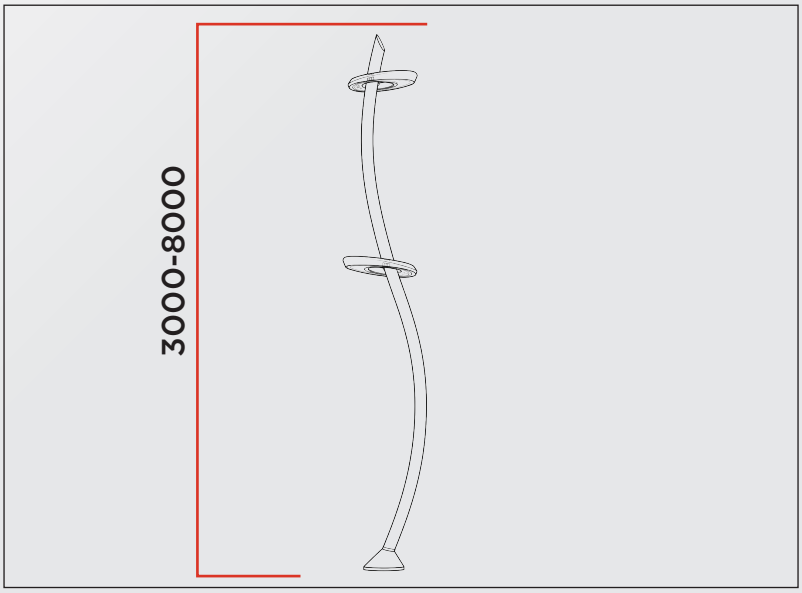


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Anto Lighting Pole

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60-120 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	60-120W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø160-180mmX3mm
Body Type	Cylindrical Pole
Material	Aluminum/Galvanized Steel

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Anto
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120 lm/W
Luminaire Luminous Flux	7200-14400lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
4,5mt.	60W	7200lm	3000	>80

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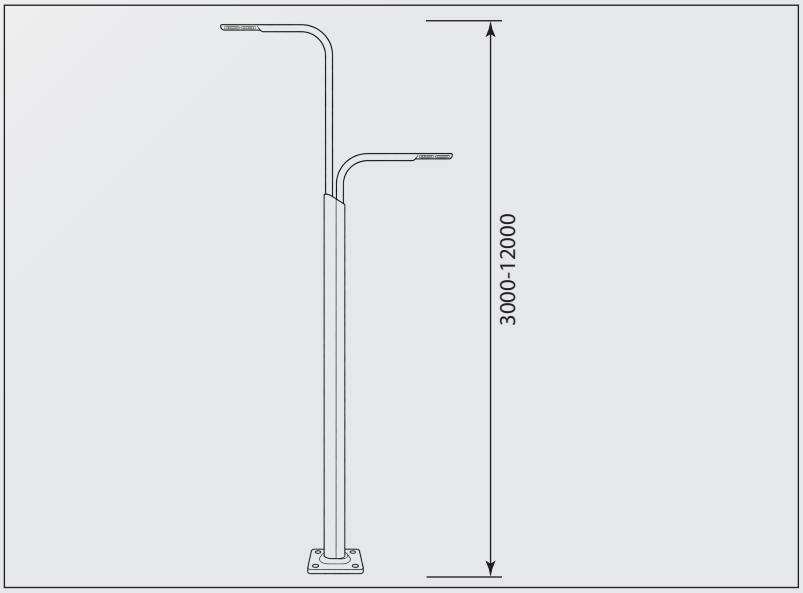


OptoSmart

Uni Lighting Pole

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30-250 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	30-250W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	-
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Uni
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical/Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Fixture Plexiglass Part
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical/Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120 lm/W
Luminaire Luminous Flux	2700 lm - 30000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6mt. Double	2x50	2x6000lm.	4000	>80

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Uni Lighting Pole

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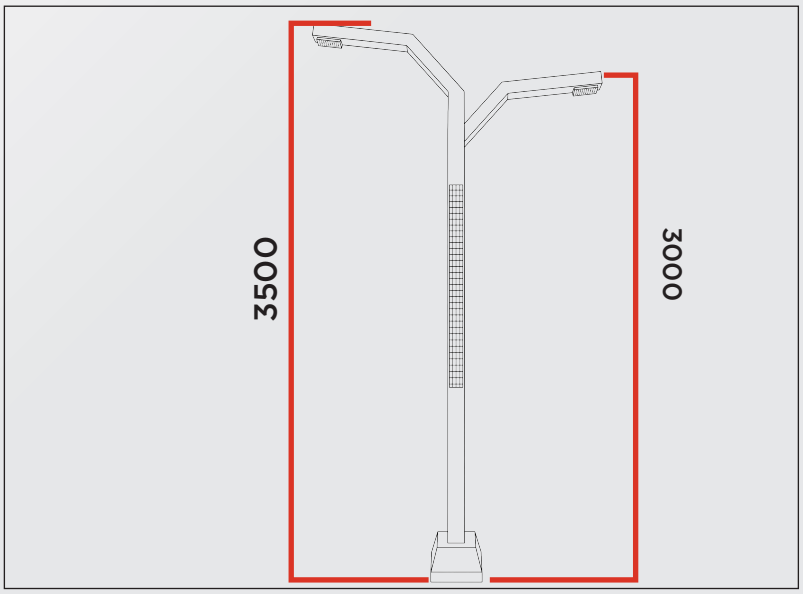
Solar Poles

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3,5mt. Wingo Solar Lighting Pole

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30 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	20+10W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø200mmX200mmX3mm
Body Type	Profile
Material	Aluminum

Solar Details

Solar Panel Dimensions	1200mm x 165mm
Solar Panel	4 x 40 Wp Solar Panel
Battery	36 Ah LiFePO4
Charger	MPPT

ISO TSE RoHS CE

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	3,5mt. Solar Wingo
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	150 lm/W
Luminaire Luminous Flux	4500lm

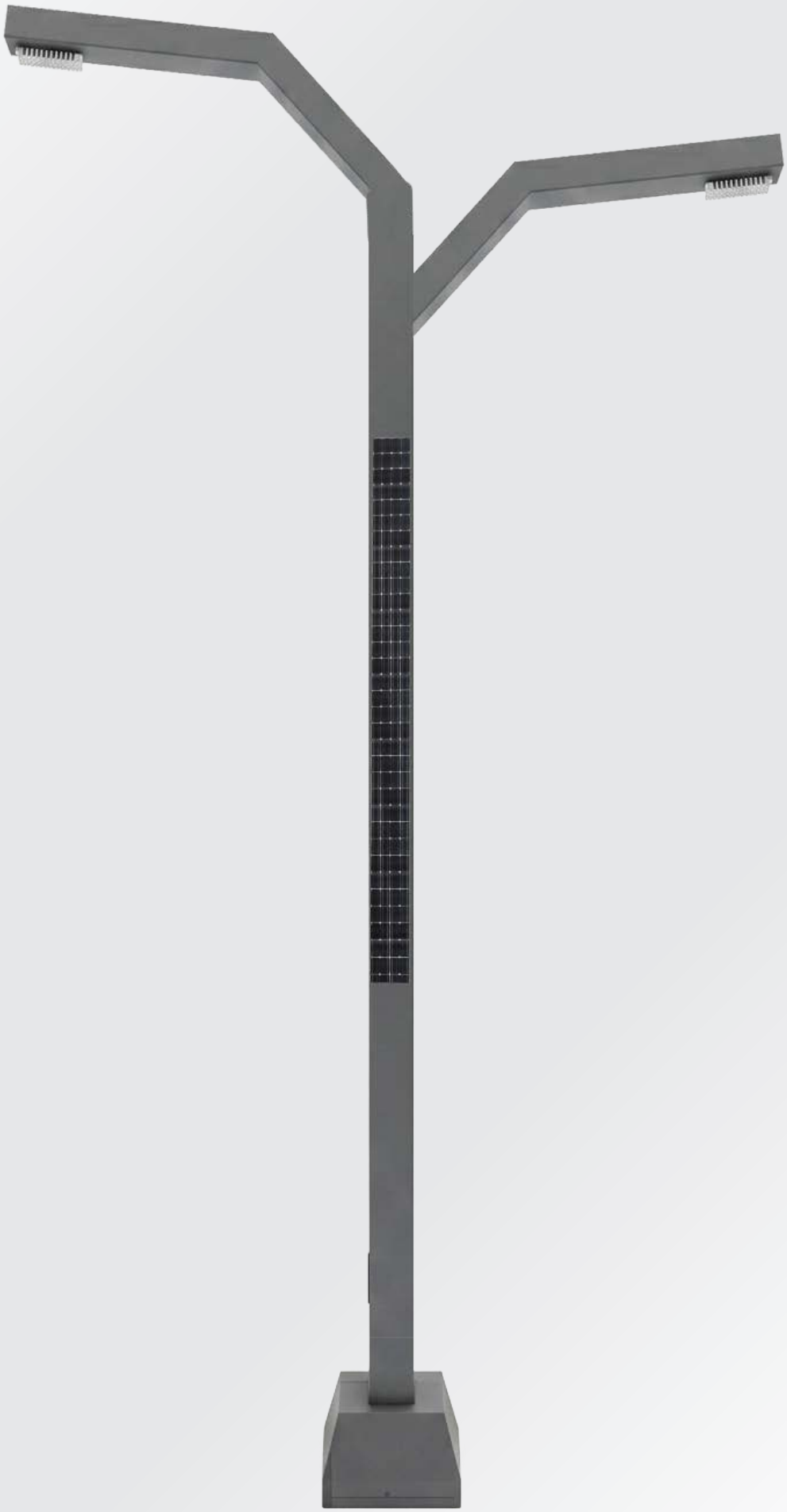
Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
3,5mt. Double	20+10W	3000+1500lm.	4000	>80

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3,5mt. Wingo Solar Lighting Pole

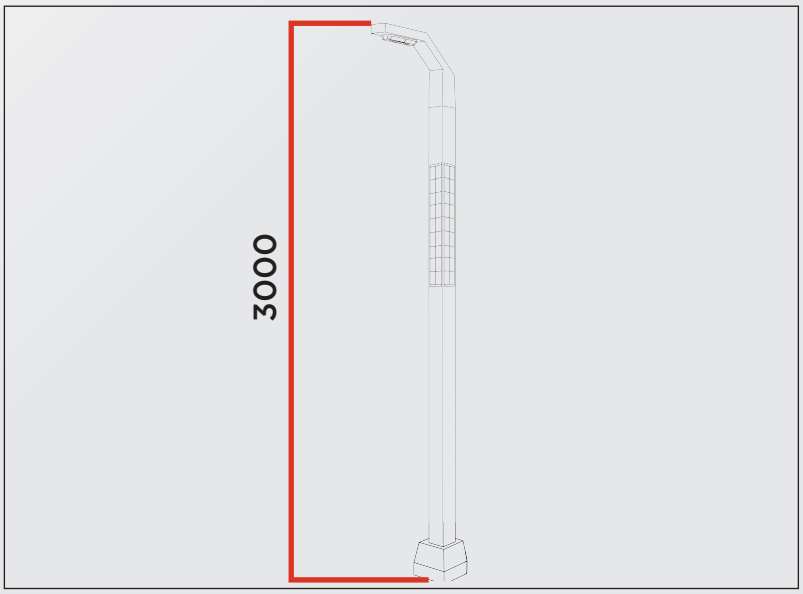
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3mt. Wingo Solar Lighting Pole

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20 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø200mmX200mmX3mm
Body Type	Profile
Material	Aluminum

Solar Details

Solar Panel Dimensions	1200mm x 165mm
Solar Panel	4x40 Wp Solar Panel
Battery	30 Ah LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	3mt. Solar Wingo
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	150 lm/W
Luminaire Luminous Flux	3000 lm

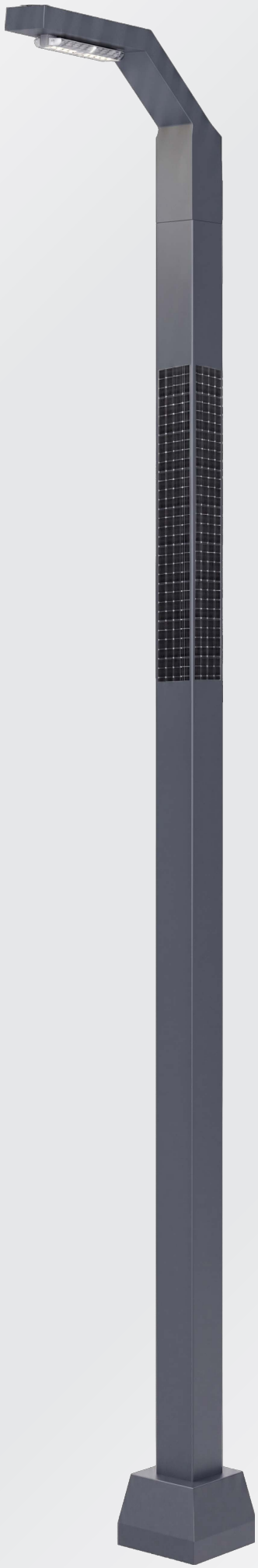
Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
3mt.	20W	3000lm.	4000	>80

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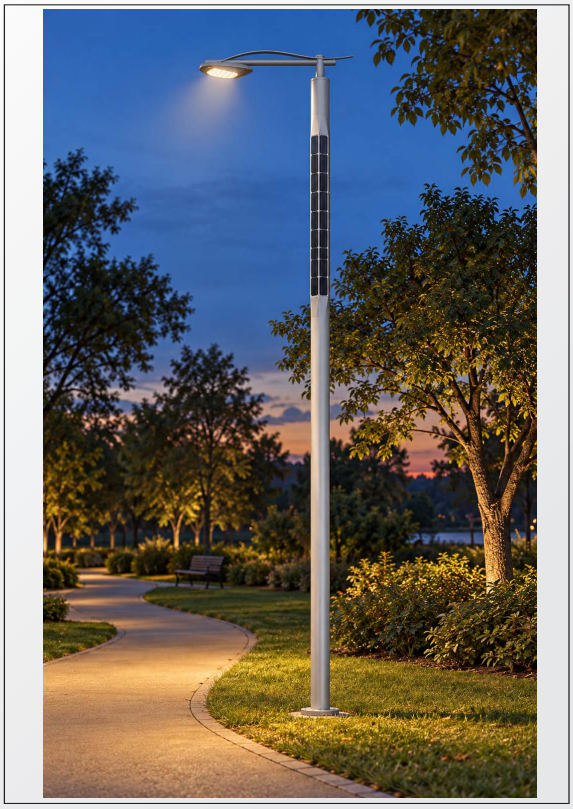
3mt. Wingo Solar Lighting Pole

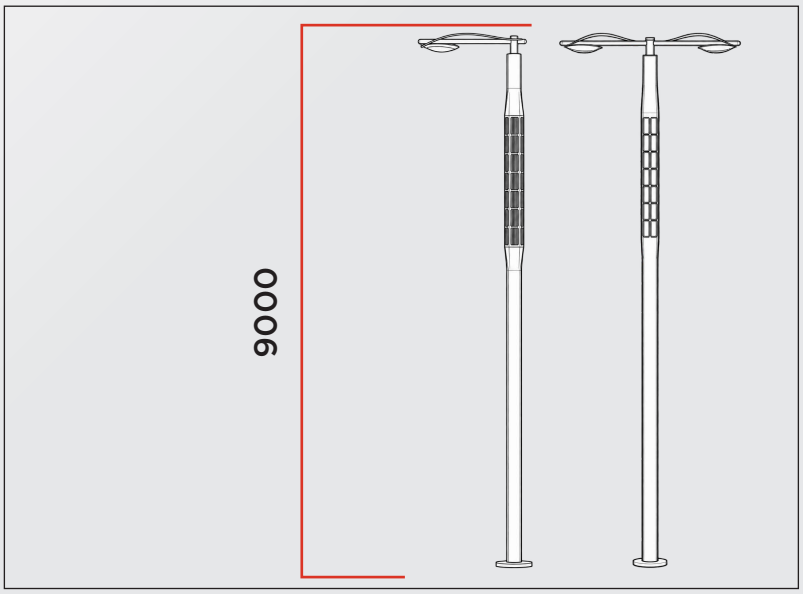
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Aruna Solar Lighting Pole

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30-160 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	30-160W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø180X3mm / 200x200x3mm
Body Type	Shaft
Material	Galvanized Steel/Aluminum

Solar Details

Solar Panel Dimensions	1240mm
Solar Panel	2-3x120Wp Solar Panel
Battery	1638 Whr LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Aruna
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	130 - 150 lm/W
Luminaire Luminous Flux	2x7800 lm - 2x12000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
10mt.	2x80W	2x12000lm.	4000	>80
4mt.	30W	4500lm.	4000	>80
4mt.	2x30W	2x4500lm.	4000	>80

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Aruna Solar Lighting Pole

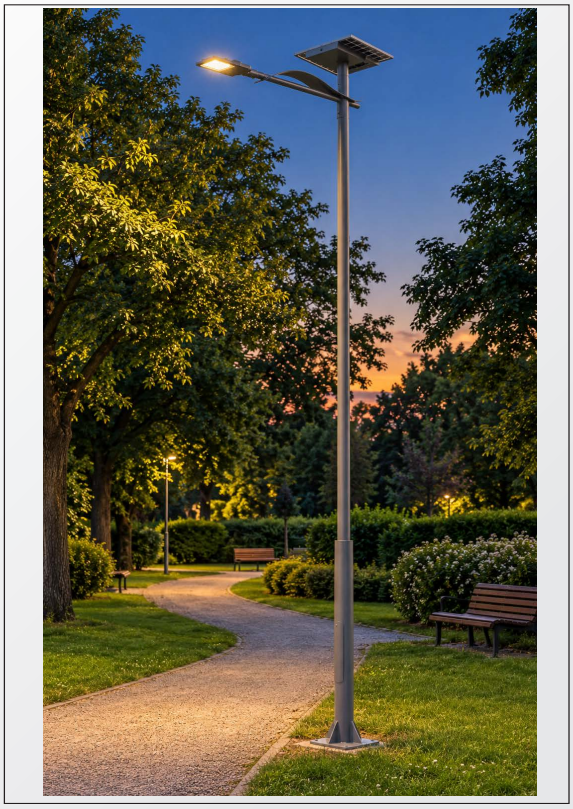
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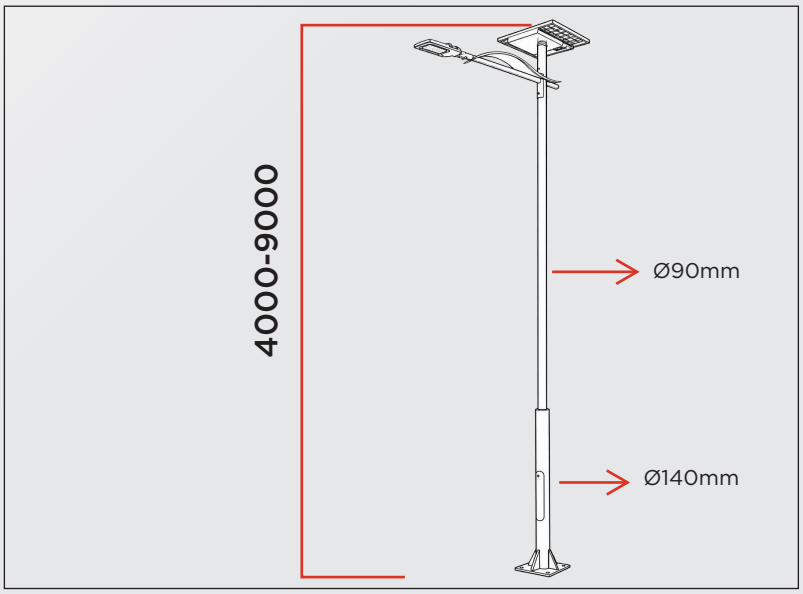


OptoSmart

Apollo Solar Lighting Pole

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15-80 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	30-160W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø180X3mm / Ø140-90x3mm
Body Type	Shaft / Step
Material	Galvanized Steel/Aluminum

Solar Details

Solar Panel Dimensions	1240mm
Solar Panel	90WP Solar Panel
Battery	33Ah LiFePO4
Charger	MPPT

ISO TSE RoHS CE

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Apollo
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	130 - 150 lm/W
Luminaire Luminous Flux	2x7800 lm - 2x12000 lm

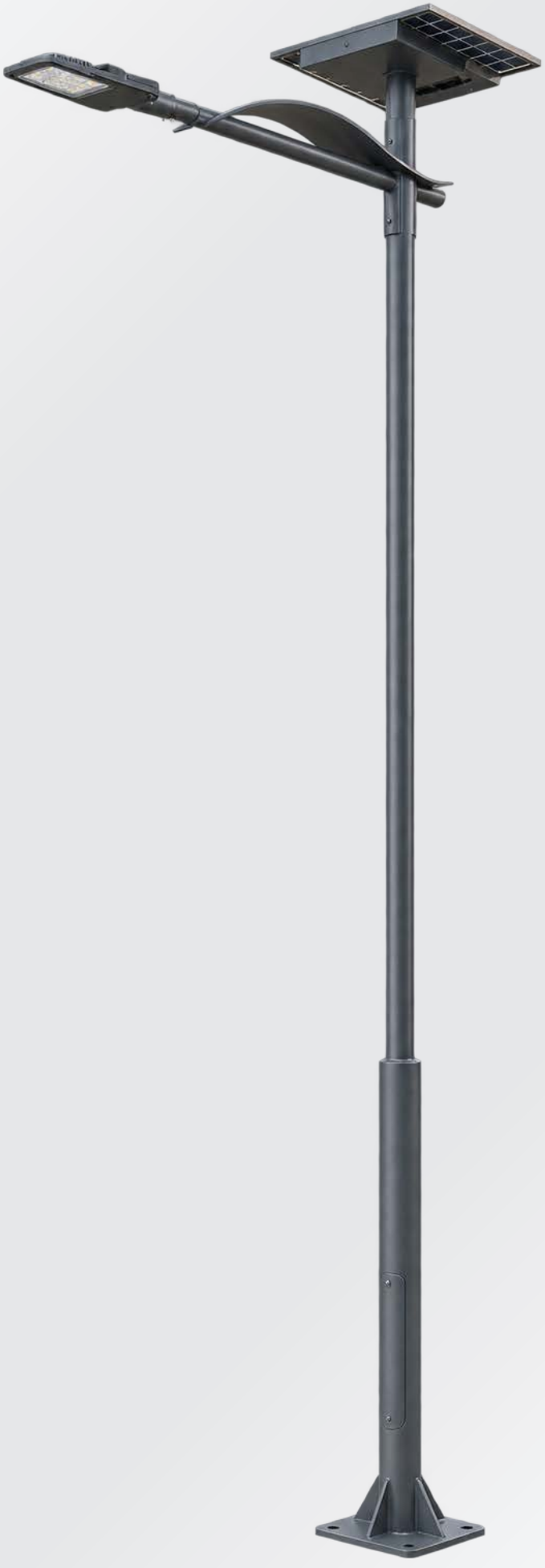
Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
9mt.	80W	12000lm.	4000	>80
4mt.	30W	4500lm.	4000	>80

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Apollo Solar Lighting Pole

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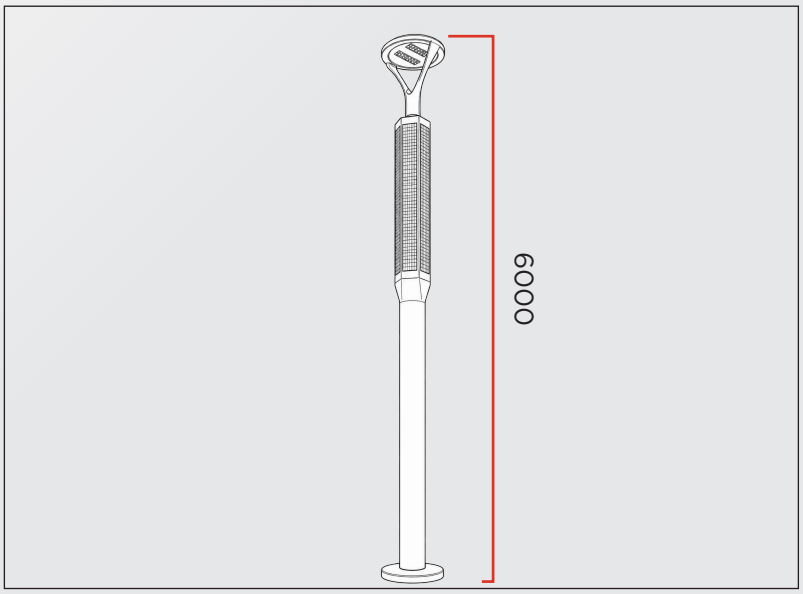


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Cosmo Solar Lighting Pole

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10-30 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	10-30W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Costumizable
Body Type	Rectangular
Material	Aluminum

Solar Details

Solar Panel Dimensions	1200mm x 175mm
Solar Panel	160-320Wp Solar Panel
Battery	310 Whr LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Cosmo
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	130 - 150 lm/W
Luminaire Luminous Flux	1300 lm - 4500 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
4mt.	30W	4500lm.	4000	>80

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Cosmo Solar Lighting Pole

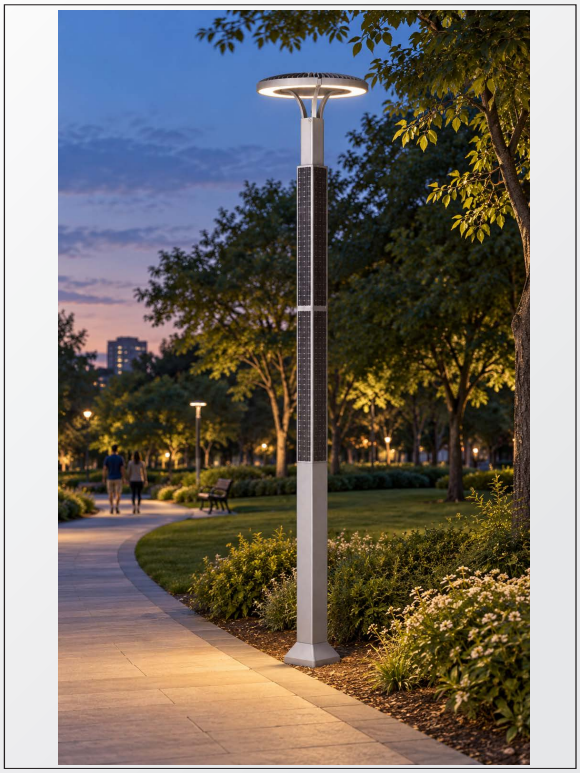
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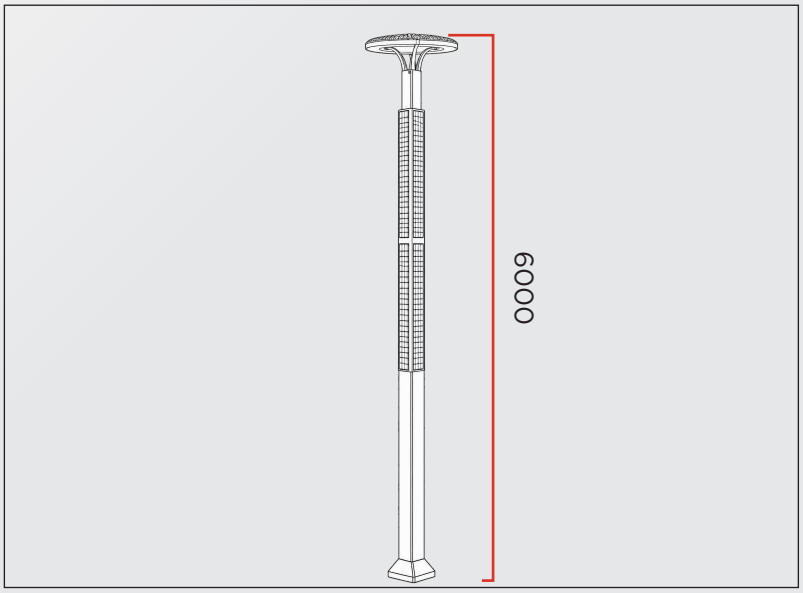


OptoSmart

Ufo Solar Lighting Pole

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10-30 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	10-30W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	150x150/200x200mmX3mm
Body Type	Rectangular
Material	Aluminum

Solar Details

Solar Panel Dimensions	1200mm x 175mm
Solar Panel	160-320Wp Solar Panel
Battery	310 Whr LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Ufo
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	130 - 150 lm/W
Luminaire Luminous Flux	1300 lm - 4500 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
4mt.	30W	4500lm.	4000	>80

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Ufo Solar Lighting Pole

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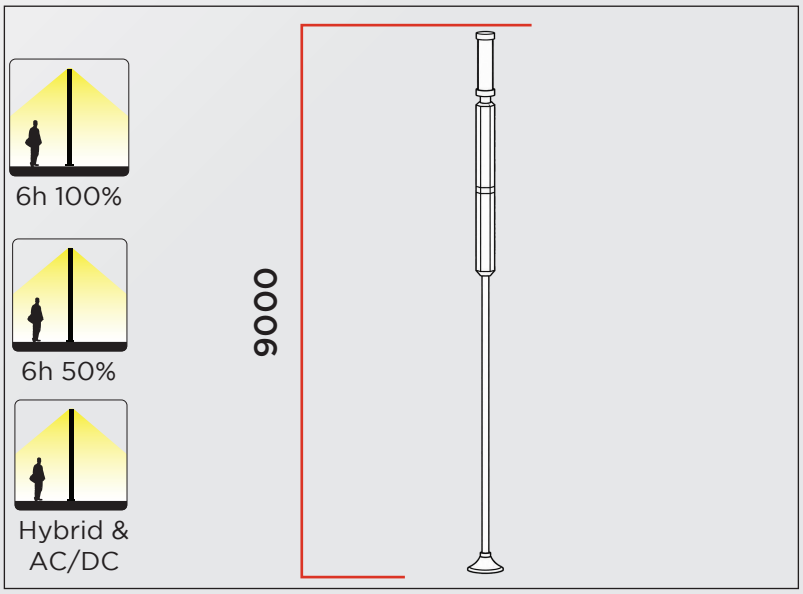


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Gallancia Solar Lighting Pole

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10-40 Watts	3000K - 6500K	IP65	IK08	DALI

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	10-40W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø102-180mmx3mm
Body Type	Shaft
Material	Galvanized Steel / Aluminum

Solar Details

Solar Panel Dimensions	1200mm x 165mm
Solar Panel	2-3x120Wp Solar Panel
Battery	1638 Whr LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Gallancia
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	105-130 lm/W
Luminaire Luminous Flux	1050 lm - 5200 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
4mt.	30W	3600lm.	4000	>80
4mt.	10W	1050lm.	4000	>80

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Gallancia Solar Lighting Pole

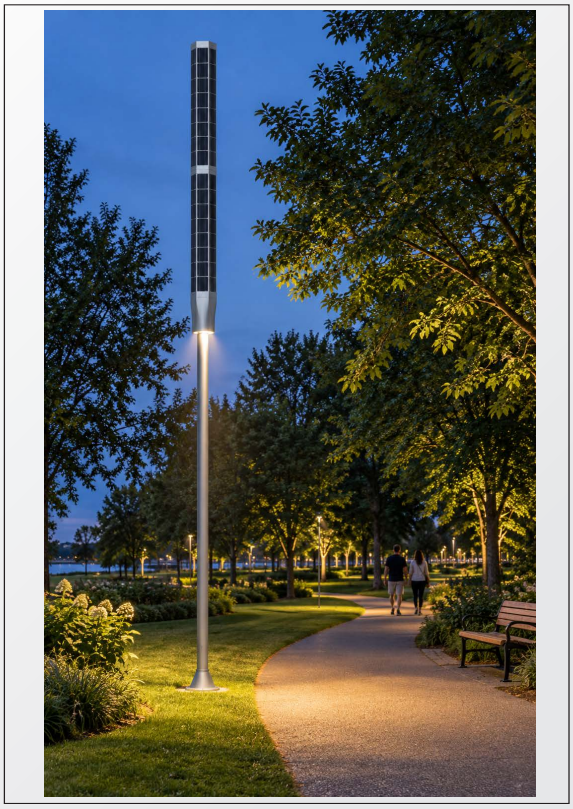
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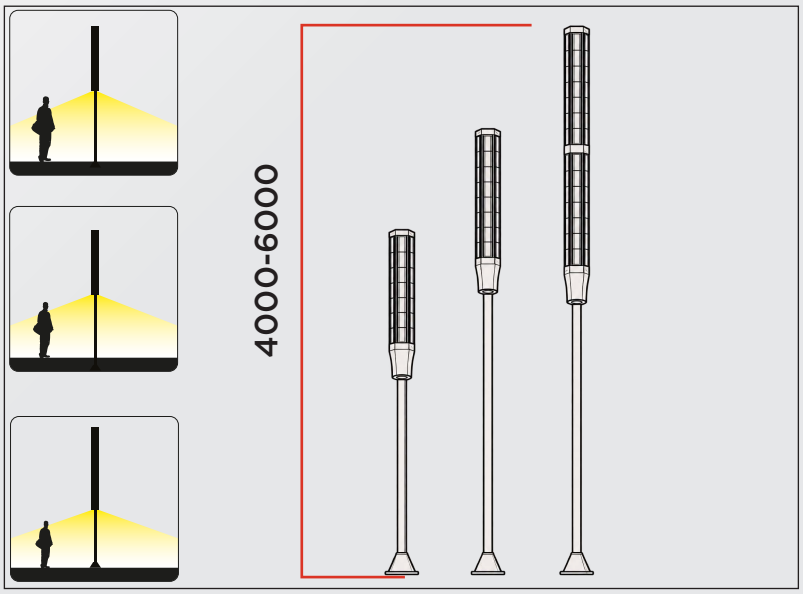




Eos Solar Lighting Pole

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10-35 Watts | 3000K - 6500K | IP65 | IK08 | DALI

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	10-35W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø102-180mmx3mm
Body Type	Shaft
Material	Galvanized Steel / Aluminum

Solar Details

Solar Panel Dimensions	1200mm x 165mm
Solar Panel	2-3x120Wp Solar Panel
Battery	1638 Whr LiFePO4
Charger	MPPT

ISO TSE RoHS CE

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Eos
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-150 lm/W
Luminaire Luminous Flux	900 lm - 5250 lm

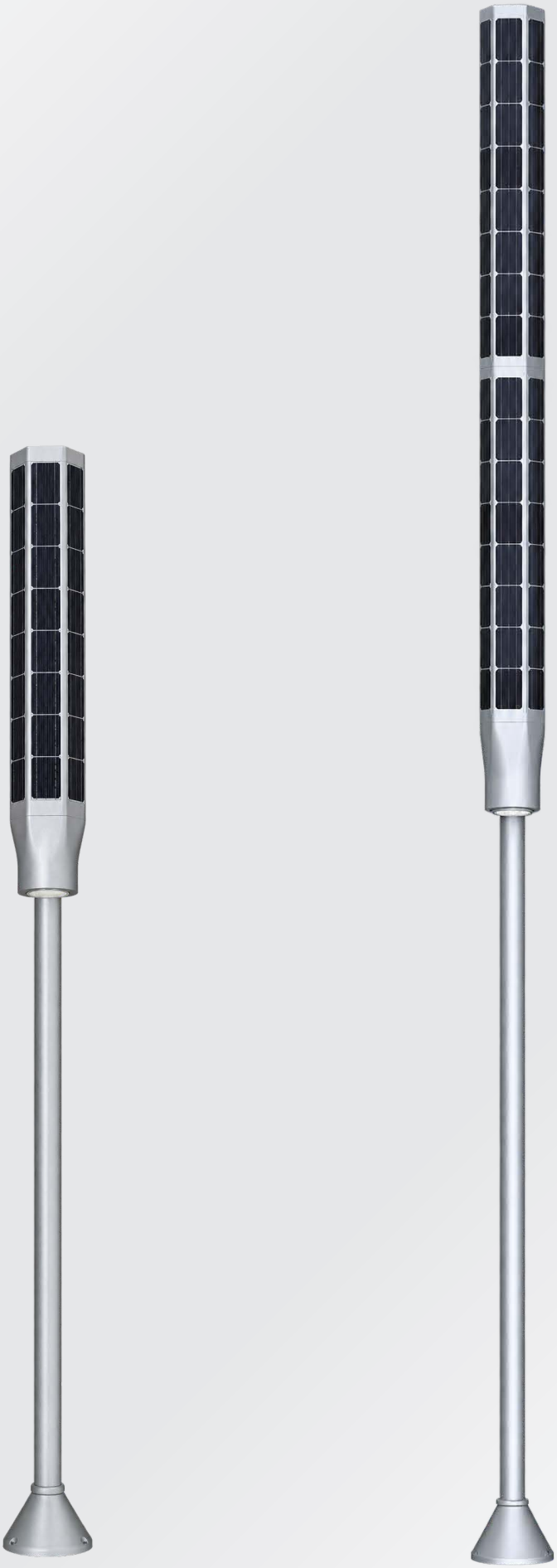
Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
6mt.	30W	3600lm.	4000	>80
4mt.	10W	1050lm.	4000	>80

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Eos Solar Lighting Pole

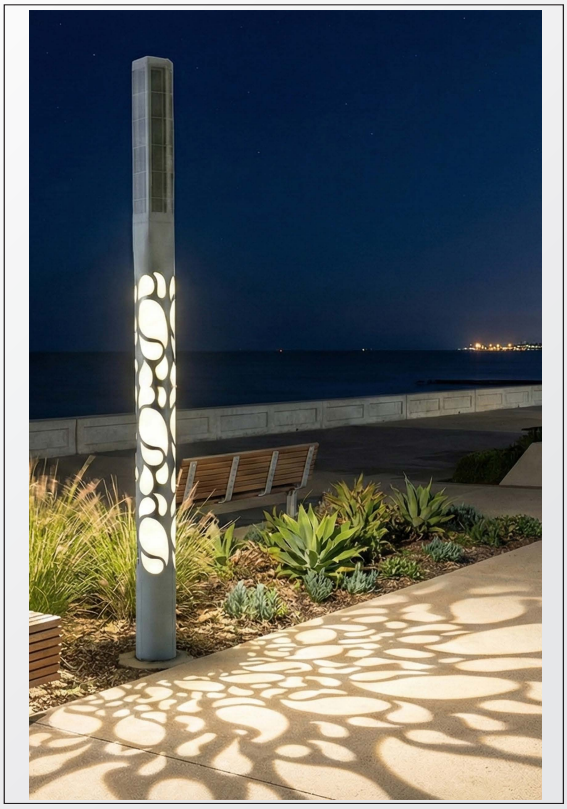
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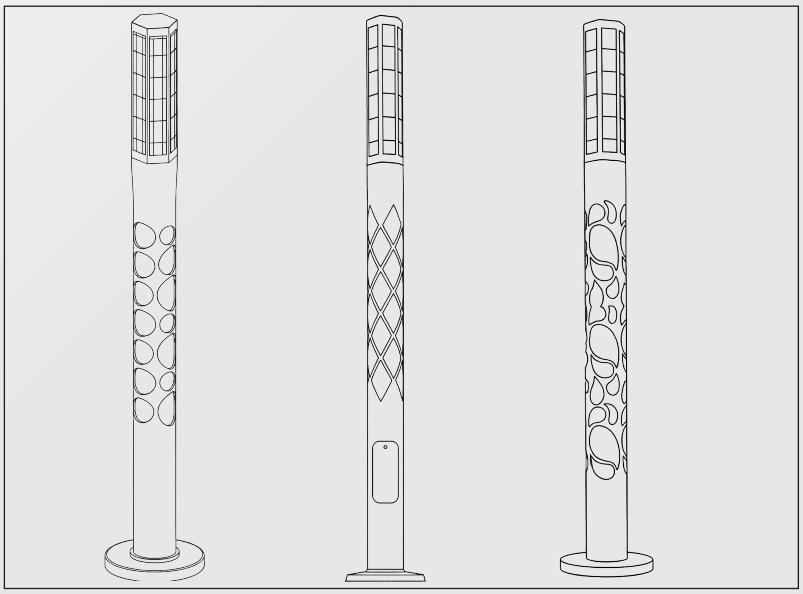


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Colonna Solar Lighting Pole

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20-30 Watts | 3000K - 6500K | IP66 | IK08 | - + Dali

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	20-30W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	3-6 Meters
Body Type	Tubular / Conical Pole
Material	Galvanized Steel / Aluminum

Solar Details

Solar Panel Dimensions	500mm x 500mm
Solar Panel	42Wp Solar Panel
Battery	360 - 700 Whr LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Colonna
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90 - 110 lm/W
Luminaire Luminous Flux	1800 lm - 3300 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Colonna	20W	2200lm.	4000	>80
Colonna	25W	2750lm.	4000	>80

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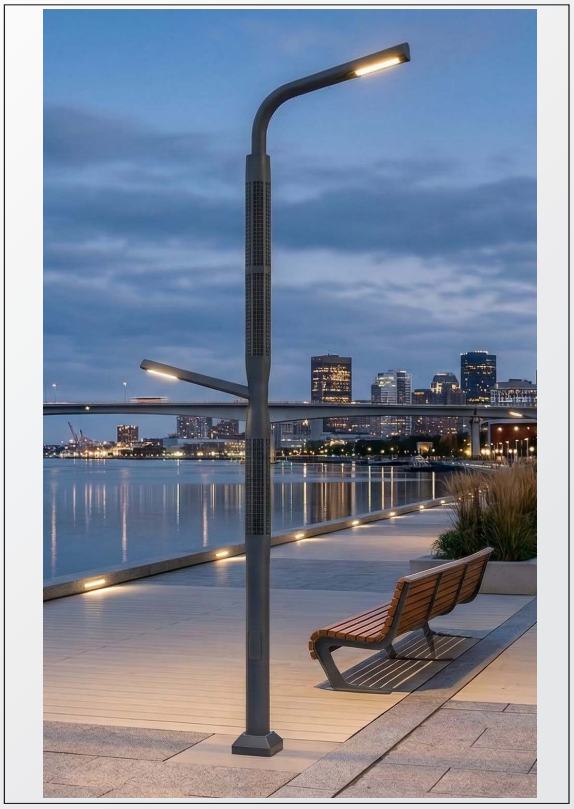
Colonna Solar Lighting Pole

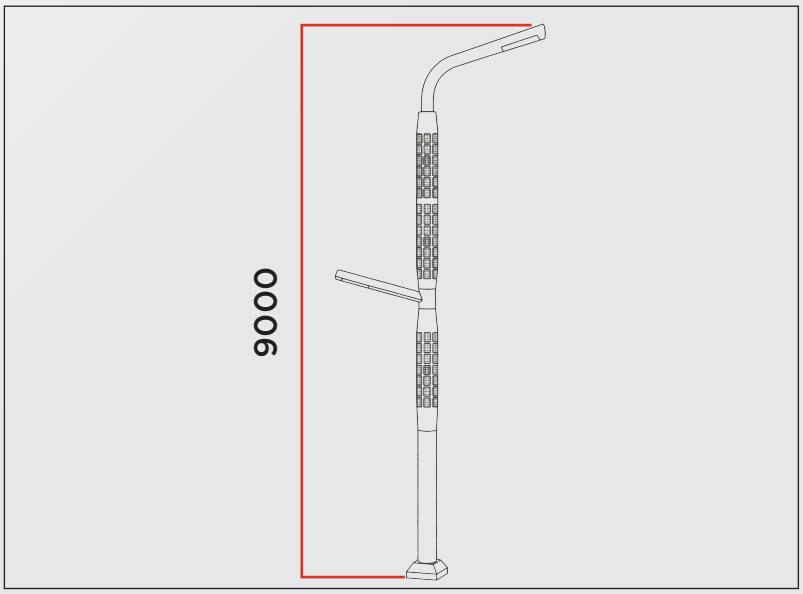
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Larus Solar Lighting Pole

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30-120 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	30-120W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø219-114X3mm
Body Type	Conical Pole / Profile
Material	Galvanized Steel

Solar Details

Solar Panel Dimensions	1200mm x 165mm
Solar Panel	2-3x120Wp Solar Panel
Battery	1638 Whr LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Larus
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	130 - 150 lm/W
Luminaire Luminous Flux	2x7800 lm - 2x9000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
9mt.	2x60W	2x9000lm.	4000	>80
4mt.	30W	4500lm.	4000	>80
4mt.	2x30W	2x4500lm.	4000	>80

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Larus Solar Lighting Pole

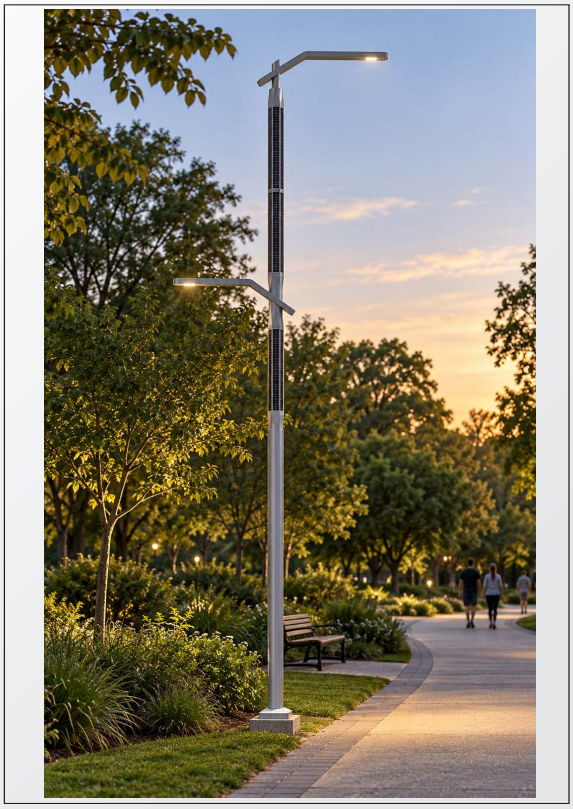
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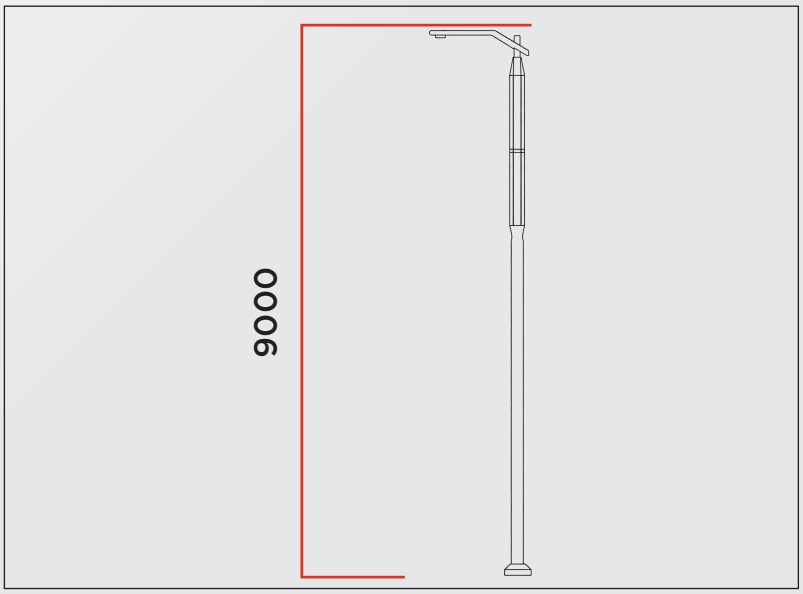


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Punto Solar Lighting Pole

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30-120 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	30-120W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø102-180mmx3mm
Body Type	Shaft
Material	Galvanized Steel / Aluminum

Solar Details

Solar Panel Dimensions	1200mm x 165mm
Solar Panel	2-3x120Wp Solar Panel
Battery	1638 Whr LiFePO4
Charger	MPPT

ISO | TSE | RoHS | CE

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Punto
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	130 - 150 lm/W
Luminaire Luminous Flux	2x7800 lm - 2x9000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
9mt.	2x60W	2x9000lm.	4000	>80
4mt.	30W	4500lm.	4000	>80
4mt.	2x30W	2x4500lm.	4000	>80

OptoSmart

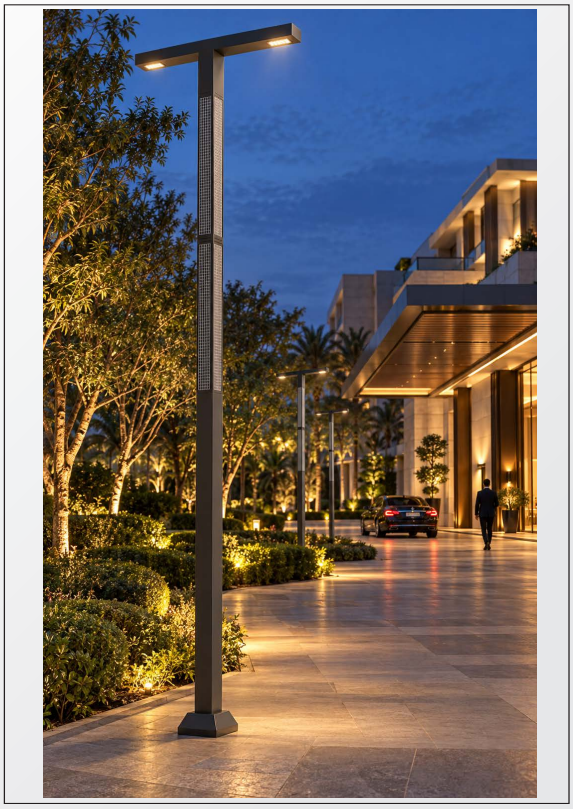
Punto Solar Lighting Pole

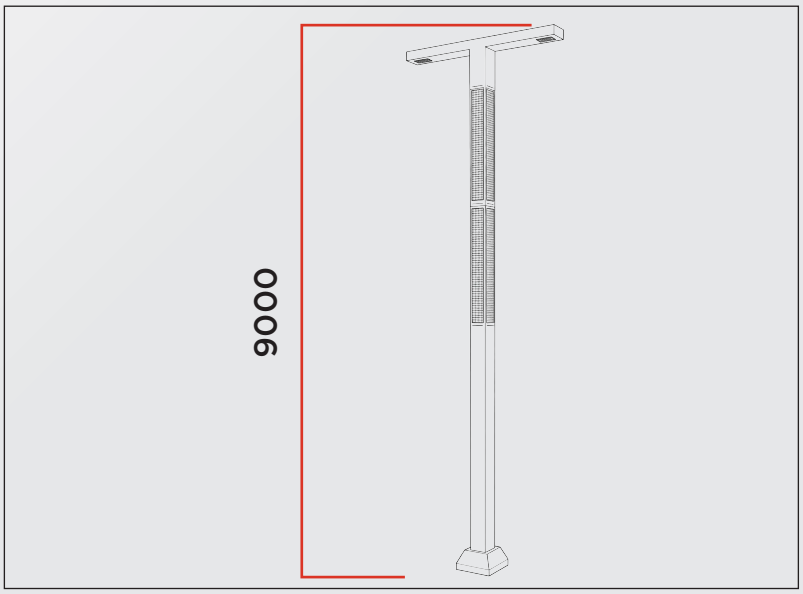
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Wingo Solar Lighting Pole

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30-120 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	30-120W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	200x200x3mm
Body Type	Profile
Material	Galvanized Steel

Solar Details

Solar Panel Dimensions	1240mm
Solar Panel	2-3x120Wp Solar Panel
Battery	1638 Whr LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Wingo
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	130 - 150 lm/W
Luminaire Luminous Flux	2x7800 lm - 2x9000 lm

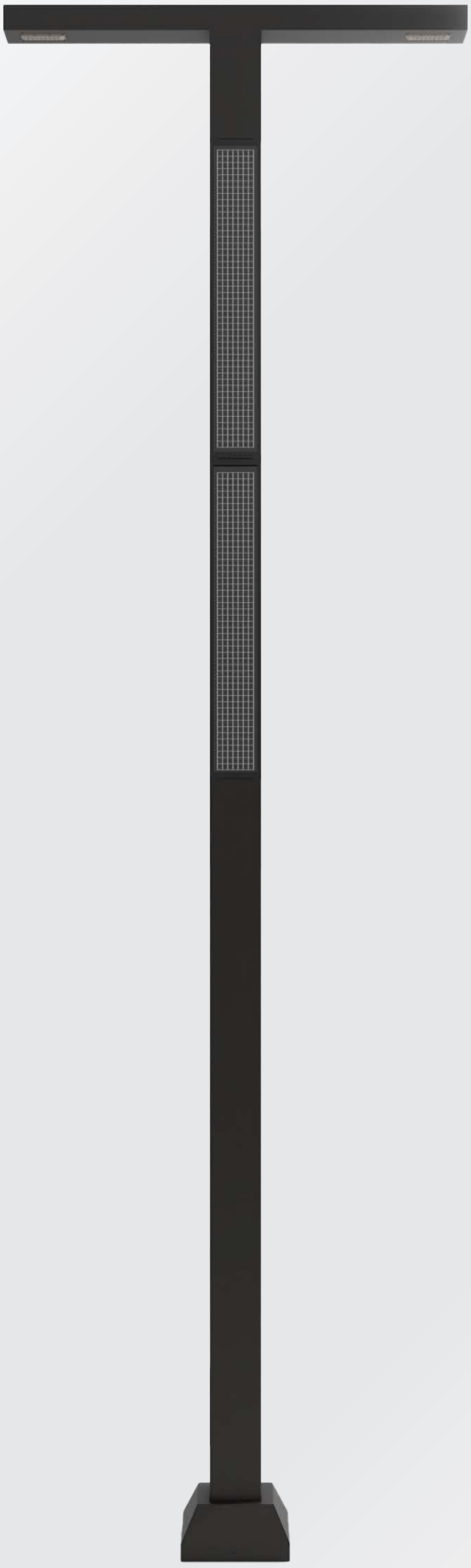
Product Configurations

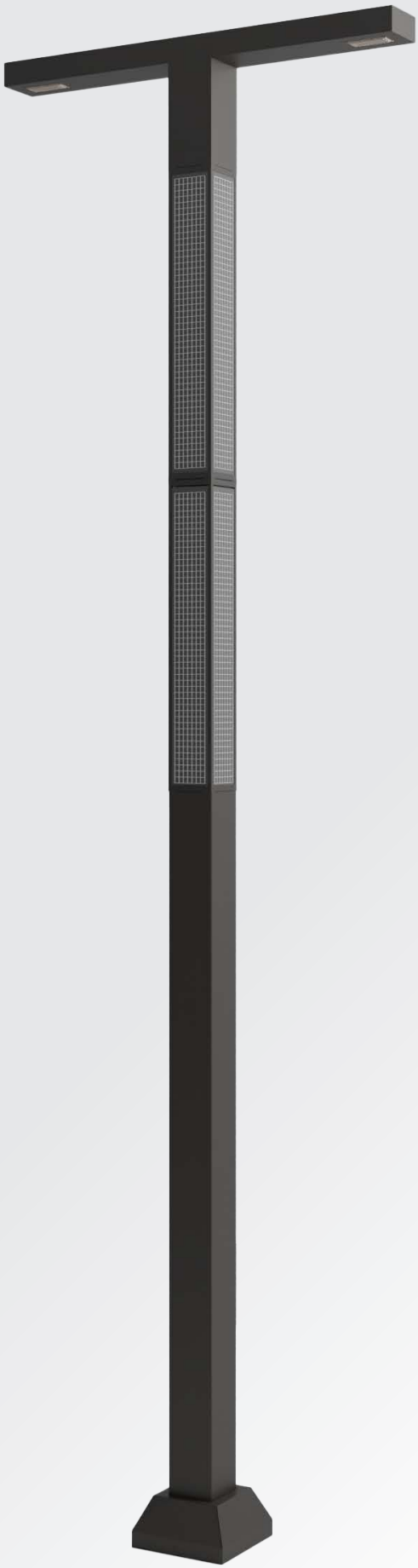
Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
9mt.	2x60W	2x9000lm.	4000	>80
4mt.	30W	4500lm.	4000	>80
4mt.	2x30W	2x4500lm.	4000	>80

OptoSmart

Wingo Solar Lighting Pole

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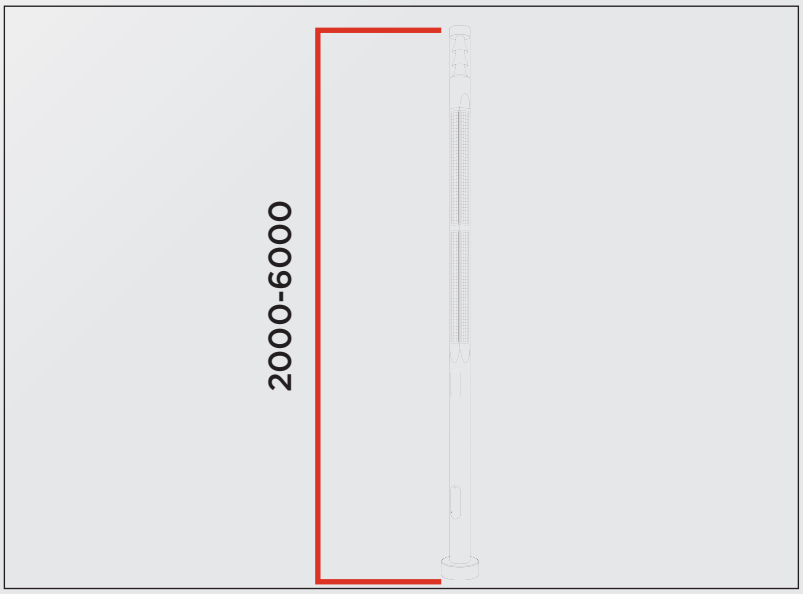


OptoSmart

Theia Lighting Pole

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8-60 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	20-60W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø102-180mmx3mm
Body Type	Profile
Material	Aluminum

Solar Details

Solar Panel Dimensions	1200mm x 165mm
Solar Panel	2 x 20Wp or 6 x 40 Wp Solar Panel
Battery	6 or 48 Ah LiFePO4
Charger	MPPT

ISO TSE RoHS CE

Product Datasheet

Product Description

Product Type	Lighting Pole & Bollard
Product Name	Theia Solar Pole
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	150 lm/W
Luminaire Luminous Flux	1200-9000 lm

Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
1mt. Bollard	8W	1200lm.	3000	>80
3mt. Pole	20W	3000lm.	3000	>80
6mt. 180° Pole	40W	6000lm.	3000	>80
6mt. 360° Pole	60W	9000lm.	3000	>80

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Theia Lighting Pole

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Theia Lighting Pole

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Lighting Module



Camera Module



WIFI Module



Speaker Module

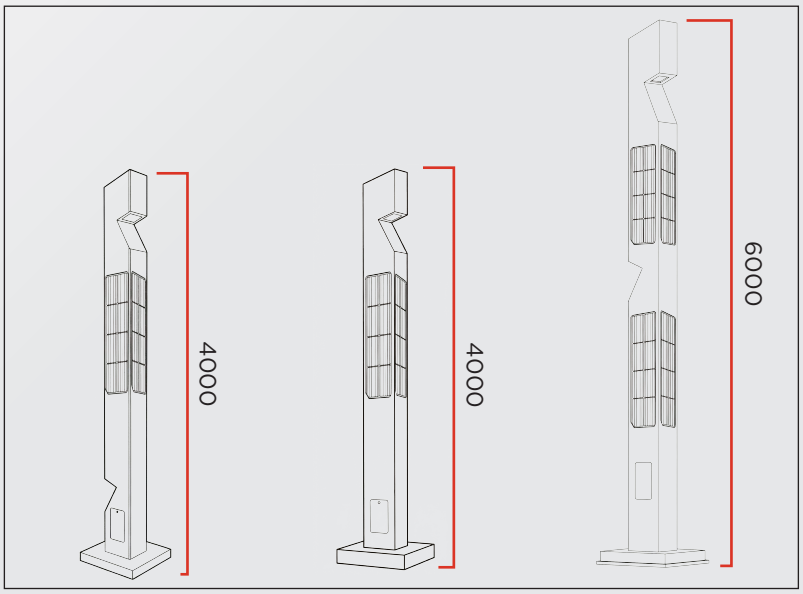


OptoSmart

Qubo Solar Lighting Pole

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15-40 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	15-35W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Costumizable
Body Type	Rectangular
Material	Aluminum

Solar Details

Solar Panel Dimensions	1200mm x 175mm
Solar Panel	160-320Wp Solar Panel
Battery	310-2x310 Whr LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Lighting Pole
Product Name	Qubo
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	130 - 150 lm/W
Luminaire Luminous Flux	1950 lm - 6000 lm

Product Configurations

Height / Type	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
4mt. / Single	20W	2600lm.	4000	>80
4mt. / With Bollard	35W	4550lm.	4000	>80
6mt. / Double	40W	5200lm.	4000	>80

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Qubo Solar Lighting Pole

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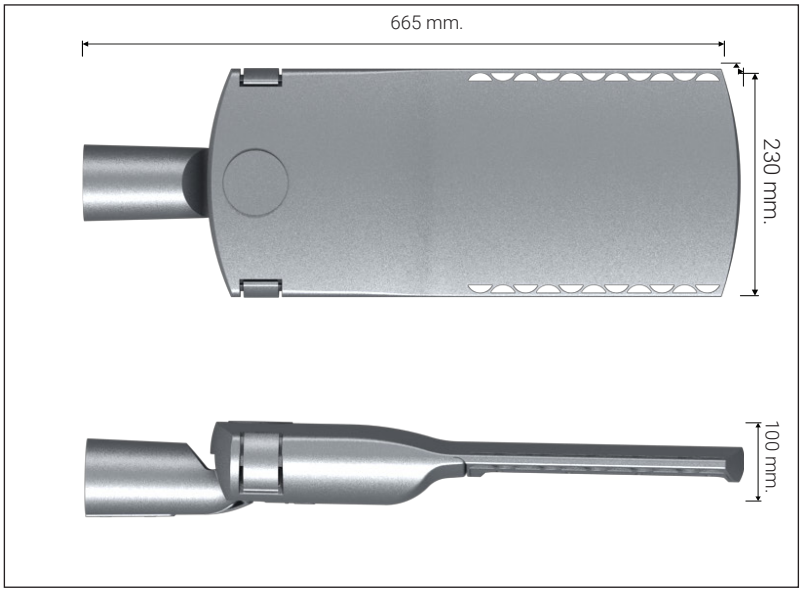
Street Fixtures

OptoSmart

Crane S Fixture

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40-150 Wats	3000K - 6500K	IP67	IK08	- + Dali

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	40-150W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/ Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Luminaire
Product Name	Crane S
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Pole
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP67
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Diffused
Color Rendering Index (CRI)	>80
Luminous Efficiency	105 - 170 lm/W
Luminaire Luminous Flux	4200 lm - 25500 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Crane S	44W	4620 lm.	4000K	
Crane S	56W	5880 lm.	4000K	
Crane S	74W	7770 lm.	4000K	
Crane S	110W	11550 lm.	4000K	
Crane S	150W	15750 lm.	4000K	

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Crane S Fixture

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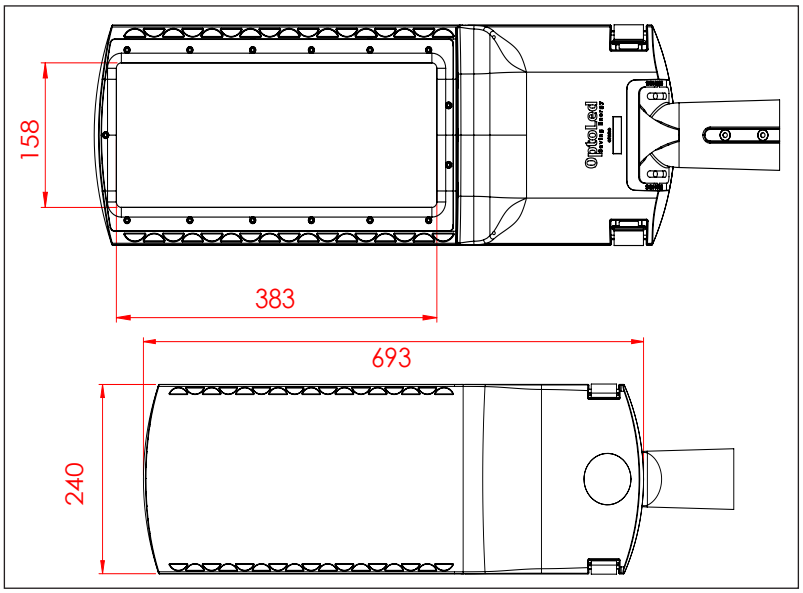


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Crane B Fixture

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100-230 Watts | 3000K - 6500K | IP67 | IK08 | - + Dali

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	100-230W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/ Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Luminaire
Product Name	Crane B
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Pole
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP67
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Diffused
Color Rendering Index (CRI)	>80
Luminous Efficiency	105 - 170 lm/W
Luminaire Luminous Flux	12000 lm - 39100 lm

Product Configurations

H 1m.	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Crane B	120W	14400lm.	4000	>80
Crane B	145W	17400lm.	4000	>80
Crane B	180W	21600lm.	4000	>80
Crane B	220W	23100lm.	4000	>80
Crane B	230W	27600m.	4000	>80

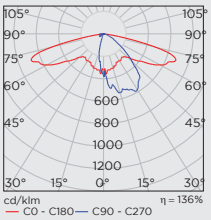
OptoSmart

Crane B Fixture

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Product Configurations

Model	Power (W)	Luminous Flux (Lm)		Color Tempeture (K)	CRI
Crane L	135W	20.925lm.	4 Modules	2200	>80
Crane L	150W	23.250lm.	4 Modules	2200	>80
Crane L	170W	26.350lm.	5 Modules	2200	>80
Crane L	200W	31.000lm.	5 Modules	2200	>80
Crane L	245W	37.975lm.	6 Modules	2200	>80
Crane L	270W	41.850lm.	6 Modules	2200	>80

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Factor	>0,9
Current (mA)	350mA - 525mA - 700mA
Surge Protection	10kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable D4i Driver

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Driver(s)	Meanwell, OSRAM
Optics	Ledil
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Temperature of Working Condition	- 40C to + 55C

Product Datasheet

Product Description

Product Type	Luminaire
Product Name	Crane L Fixture
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Pole
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Color Rendering Index (CRI)	>70 (CRI>80 Optional)
Luminous Efficiency	155 lm/W

Assembly Process

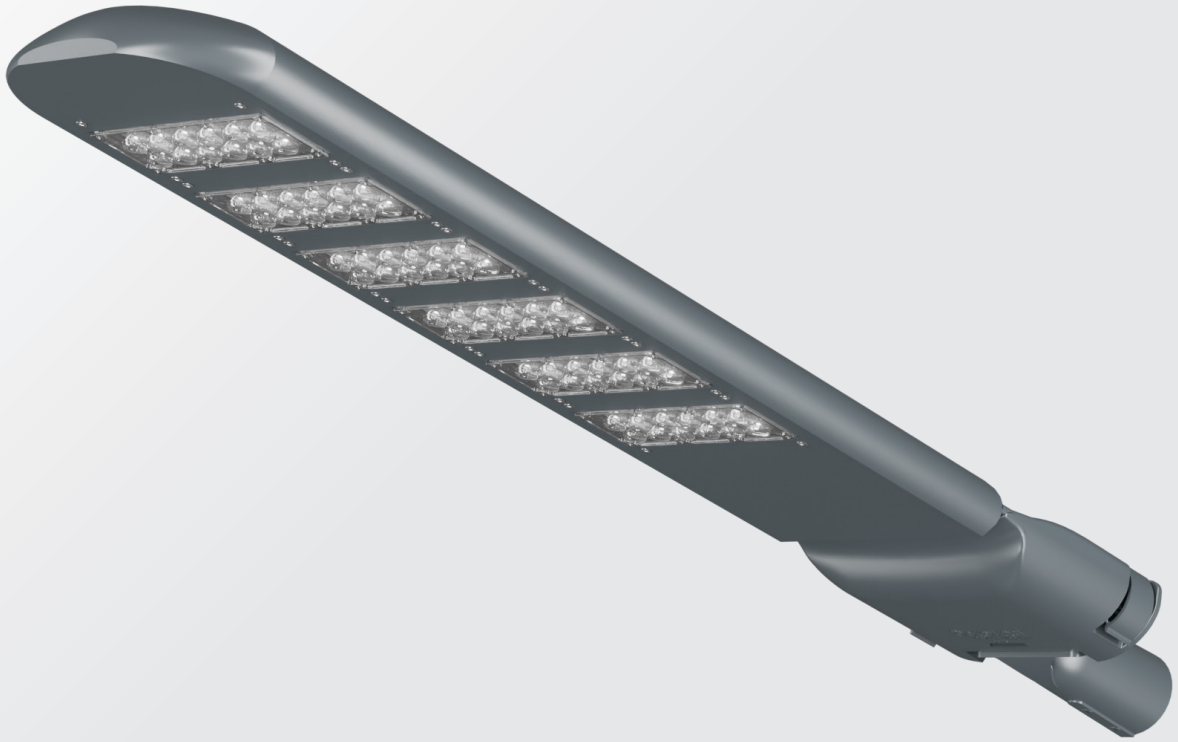


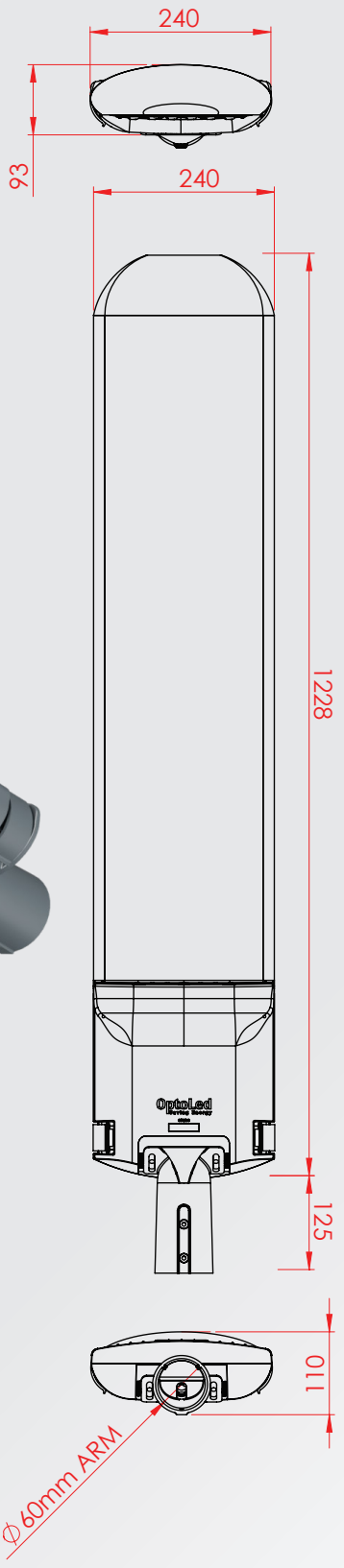












Proje *Project*		**Tarih** *Date*	**Adı Soyadı** *Name Surname*	**İmza** *Sign*	**Malzeme** *Material*	OptoSmart
Çizen */ Desinger*		06.01.2026	YUSUF SALİH			
Kontrol */Controller*						
Parça Adı *Part Name*	OPTO CRANE FIXTURE 1228mm					**Klasör** *Binder*
Ölçek *Scale*	**Vida Anma Çapları Genel Tablosu** *The General Table For Screw Nominal Diameter*					**Dosya Adı** *File Name*
1/1 A3	**Anma Çapı** *Nominal Diameter*	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	**Resim No** *Picture No*
	Dişi - *Internal*	$19.2^{+0.3}_{0}$	$24.7^{+0.2}_{0}$	$31^{+0.2}_{0}$	$39.6^{+0.2}_{0}$	$45.5^{+0.2}_{0}$	$57.3^{+0.2}_{0}$	**Revizyon No** *Revision No*
	Erkek -*External*	$20.7^{+0.1}_{0}$	$26.2^{+0.1}_{0}$	32.9^{+0}_{0}	$41.6^{+0.1}_{0}$	$47.5^{+0.1}_{0}$	$59.3^{+0.1}_{0}$	

Belirtilmeyen toleranslar *Unspecified Tolerance*			
Aralık *Inreval*	$0.5 \leq \leq 6$	$6 \leq \leq 30$	$30 \leq \leq 120$
Hassas-*Precision*	±0.05	±0.1	±0.15
Orta- *Moderate*	±0.1	±0.2	±0.3

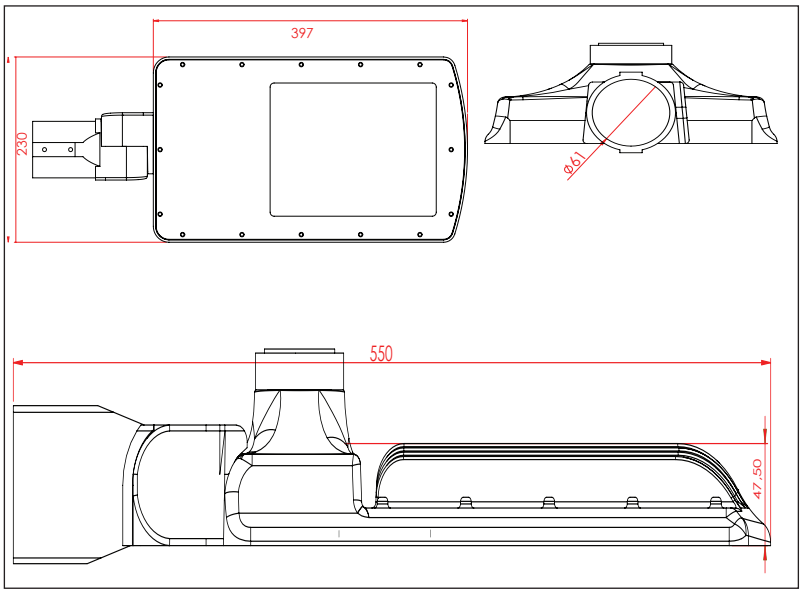
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Spica Fixture

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15-150 Watts | 3000K - 6500K | IP66 | IK08 | - + Dali

Electrical Details

Input Voltage (V)	100 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	15W - 150W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, Samsung, LUMILEDS
LED Chip Type	Power LED/ Mid Power LED
LED Chip Count	36 - 176 pcs
LED Driver(s)	DALI 2, D4i Driver
Optics	.....
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof
Socket Type	Zhaga

Product Datasheet

Product Description

Product Type	Luminaire
Product Name	Spica Fixture
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Pole
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	.....
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Diffused
Color Rendering Index (CRI)	>80
Luminous Efficiency	120 - 170 lm/W
Luminaire Luminous Flux	1800 lm - 25500 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Spica	19W	2872lm.	4000	>80
Spica	51,1W	7848lm.	4000	>80
Spica	89W	14517lm.	4000	>80
Spica	140W	22979lm.	4000	>80

ISO TSE RoHS CE

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Spica Fixture

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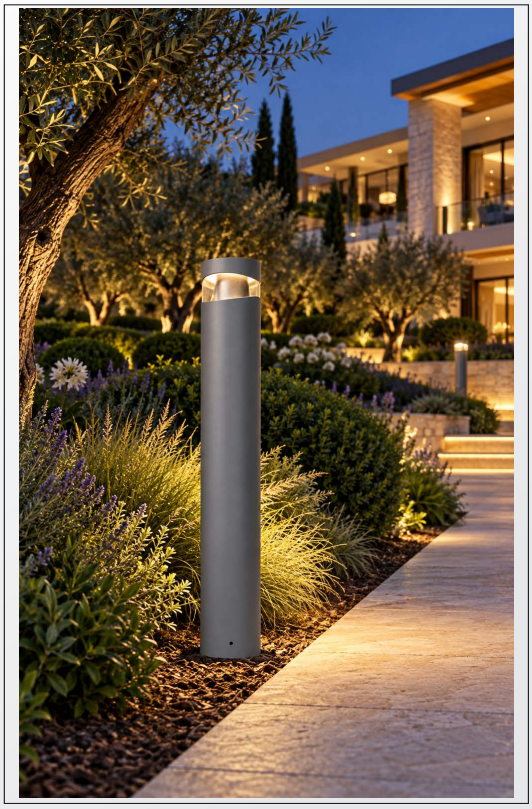
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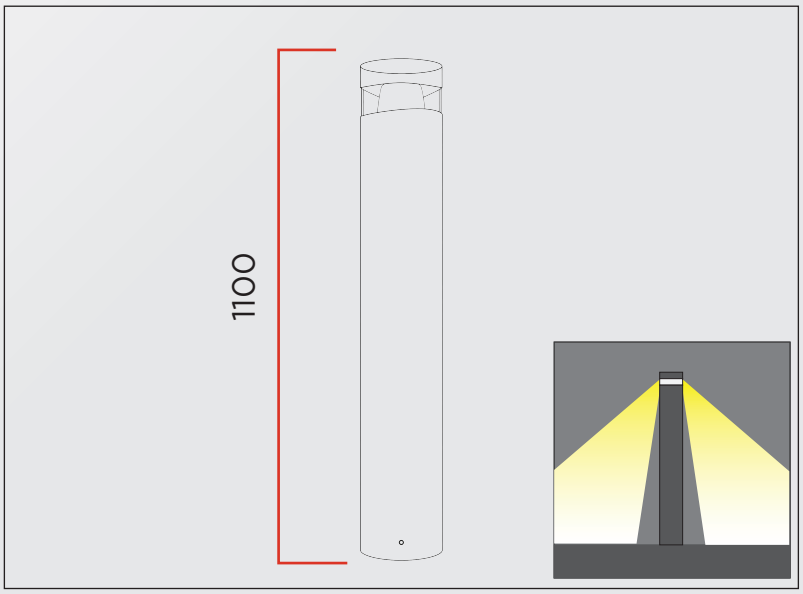
Bollards

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Allen Bollard

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5-15 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-15W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø180mmX3mm
Body Type	Shaft
Material	Aluminum

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Allen Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	600-1800 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Allen	6W	720lm.	4000	>80

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Allen Bollard

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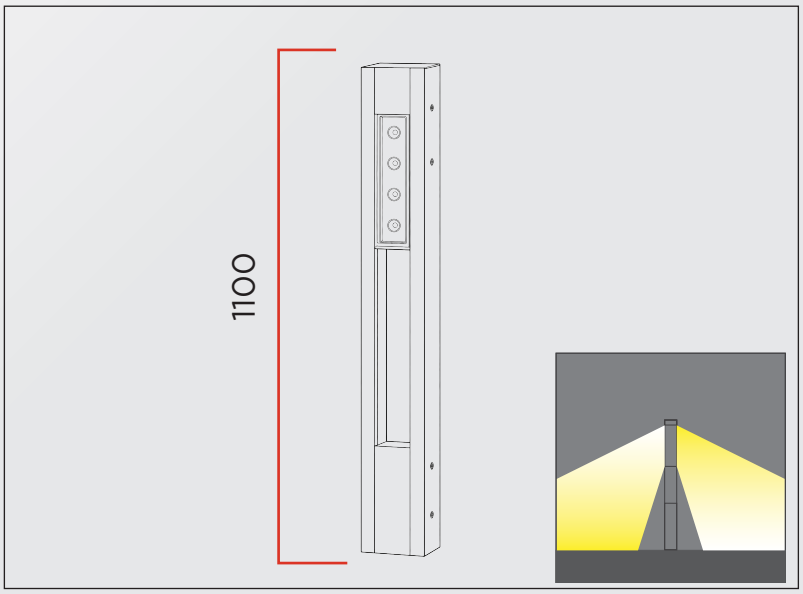


OptoSmart

Meridian Bollard

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5-20 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø180mmX3mm
Body Type	Shaft
Material	Aluminum

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Meridian Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	600-2400 lm

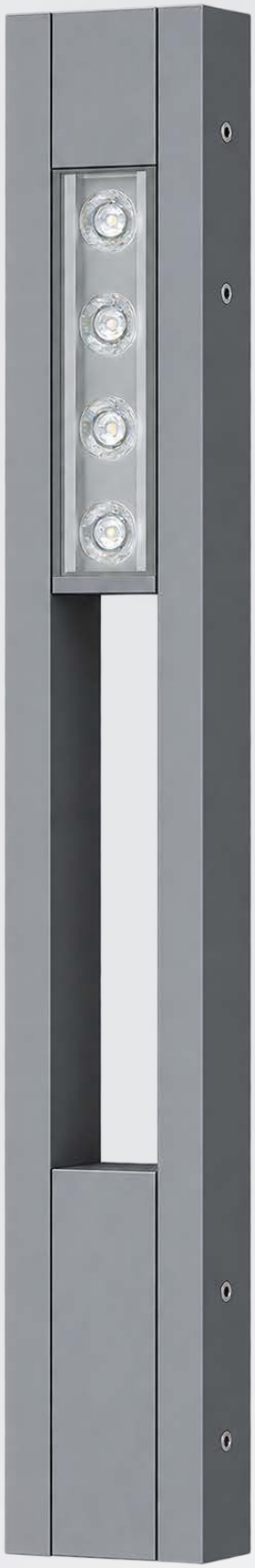
Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Meridian	6W	720lm.	4000	>80

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Meridian Bollard

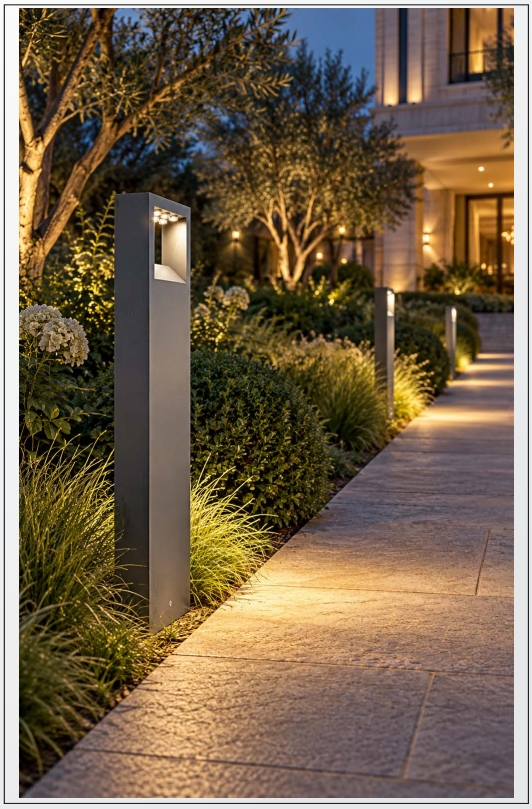
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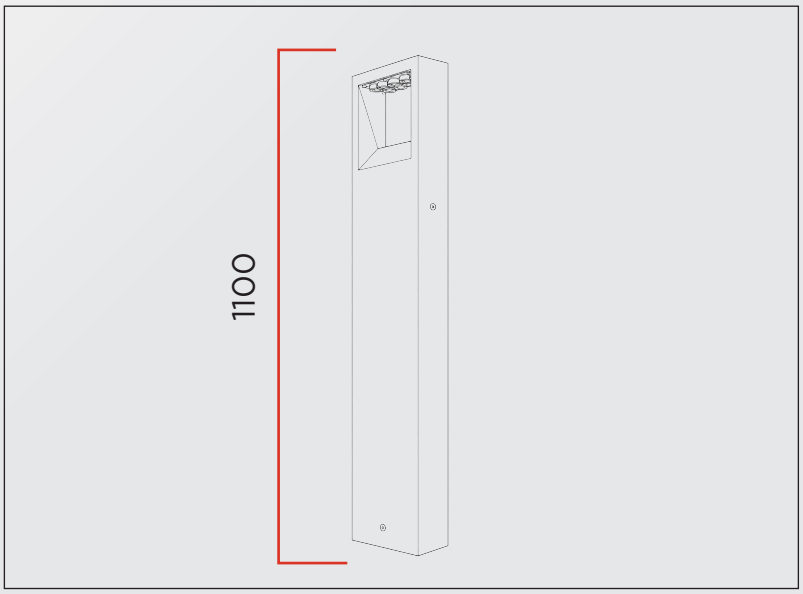


OptoSmart

Gard Bollard

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5-20 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Gard Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	600-2400 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Gard	6W	720lm.	4000	>80

ISO TSE RoHS CE

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Gard Bollard

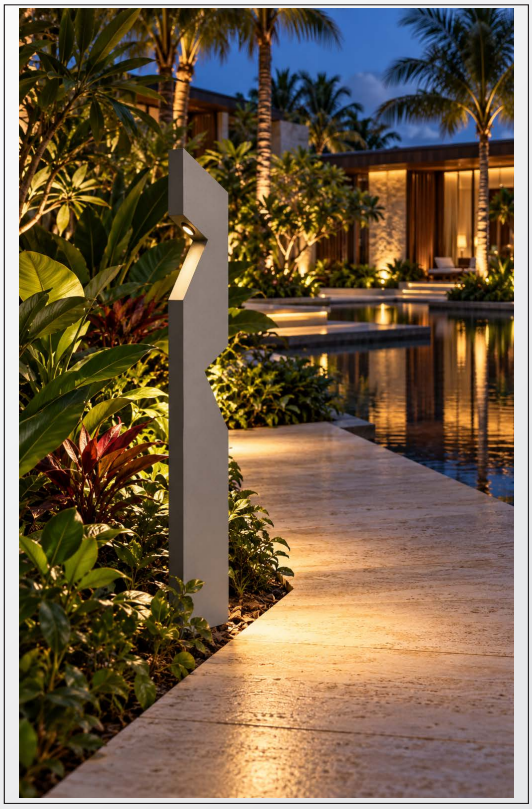
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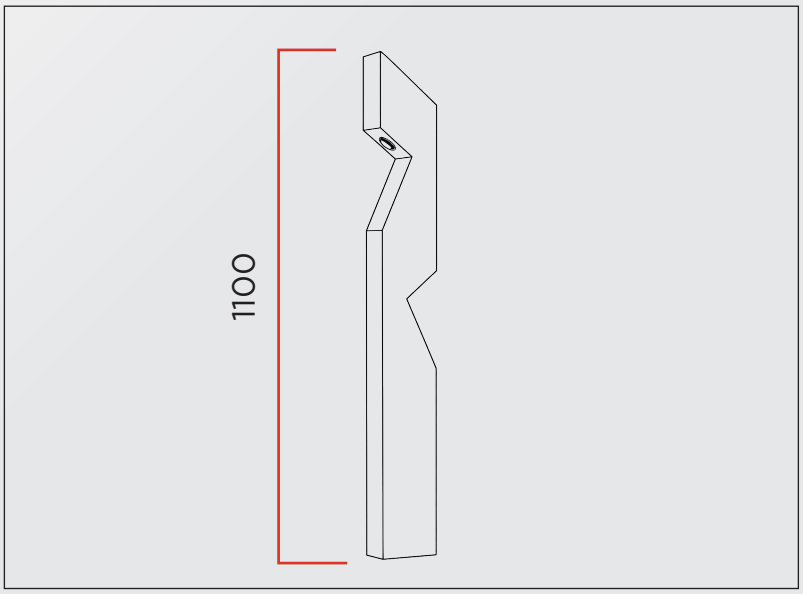


OptoSmart

Qubo Bollard

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5-20 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Qubo Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	600-2400 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Qubo	6W	720lm.	4000	>80

ISO TSE RoHS CE

OptoSmart

Qubo Bollard

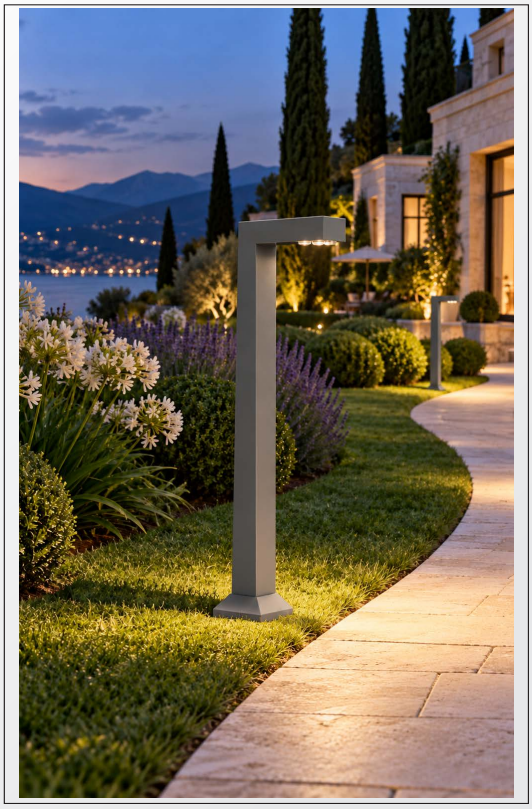
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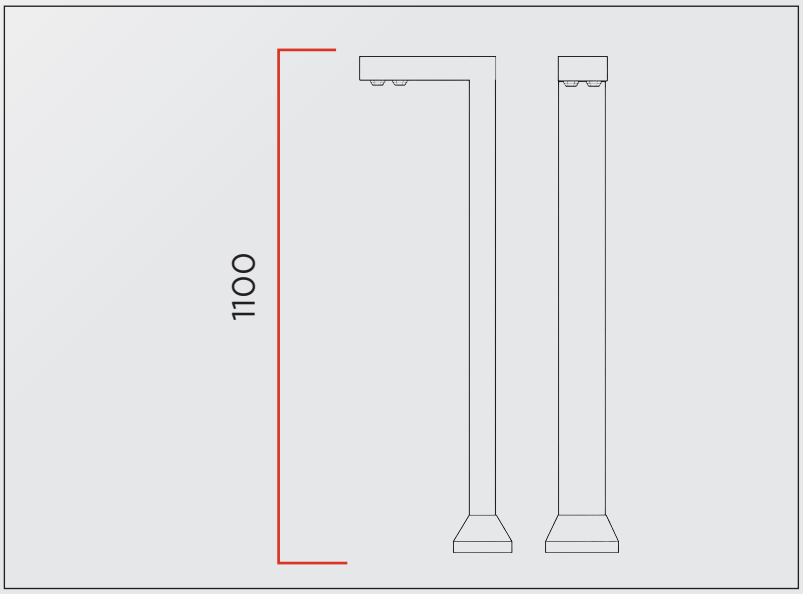


OptoSmart

Wingo Bollard

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5-20 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Wingo Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	600-2400 lm

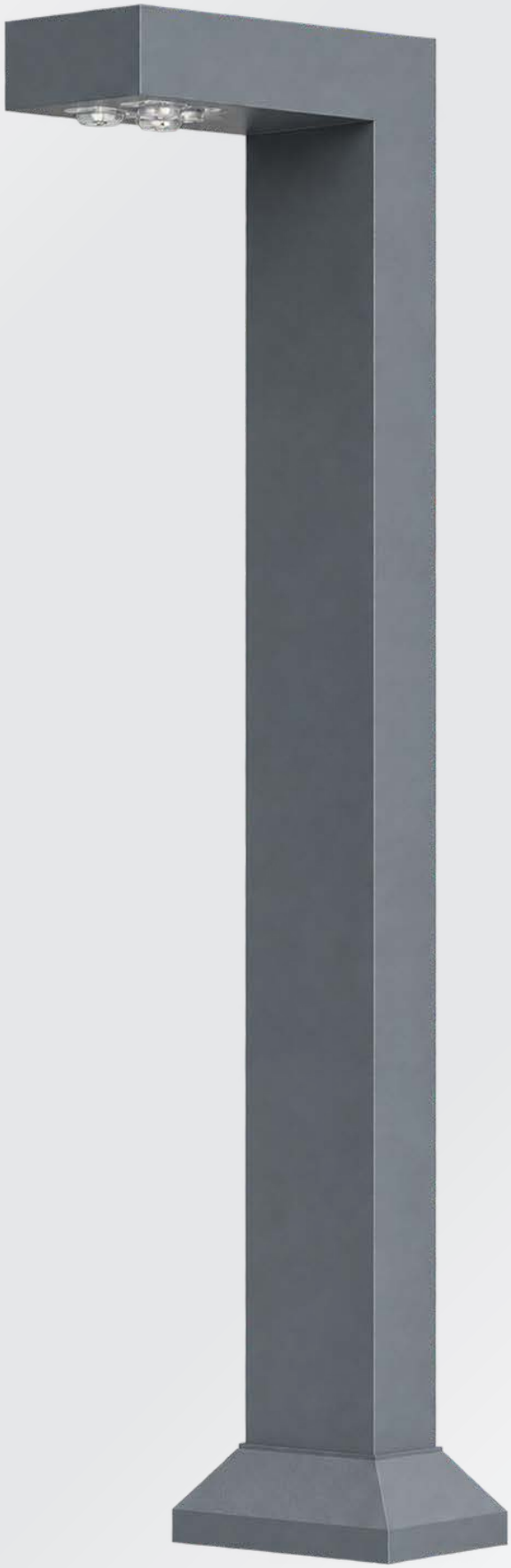
Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Wingo	6W	720lm.	4000	>80

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Wingo Bollard

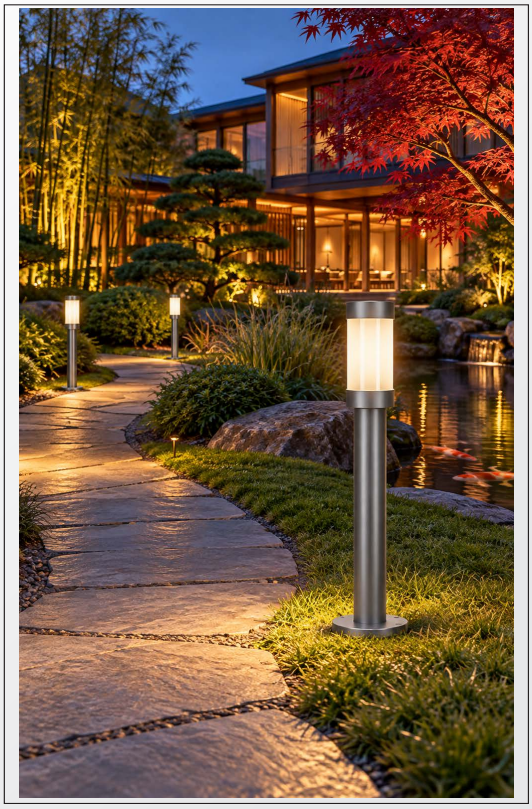
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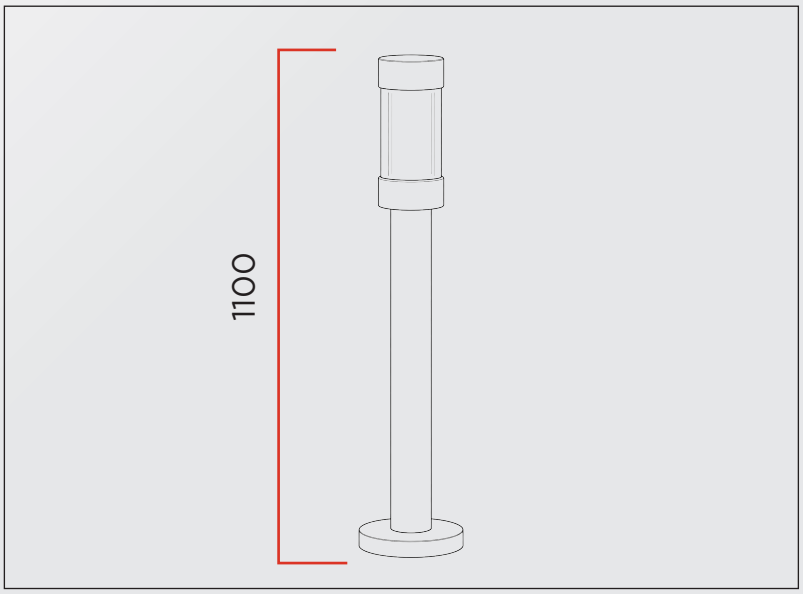


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Beretto Bollard

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5-20 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Beretto Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	600-2400 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Beretto	6W	720lm.	4000	>80

ISO TSE RoHS CE

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Beretto Bollard

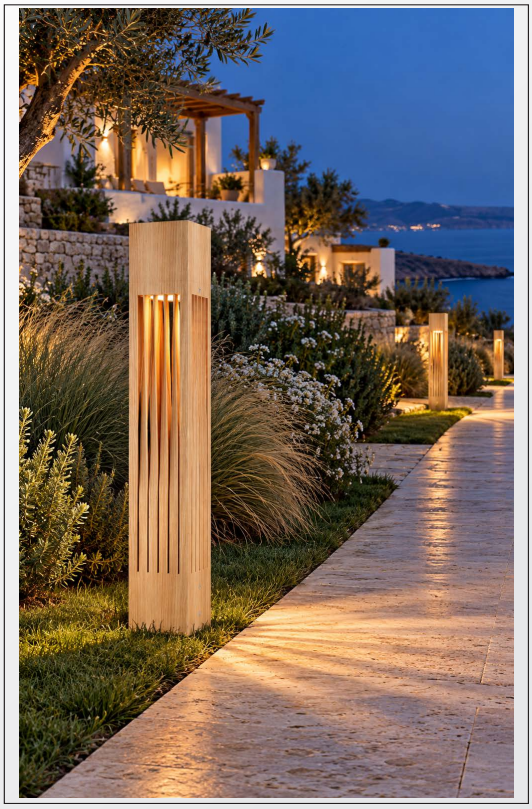
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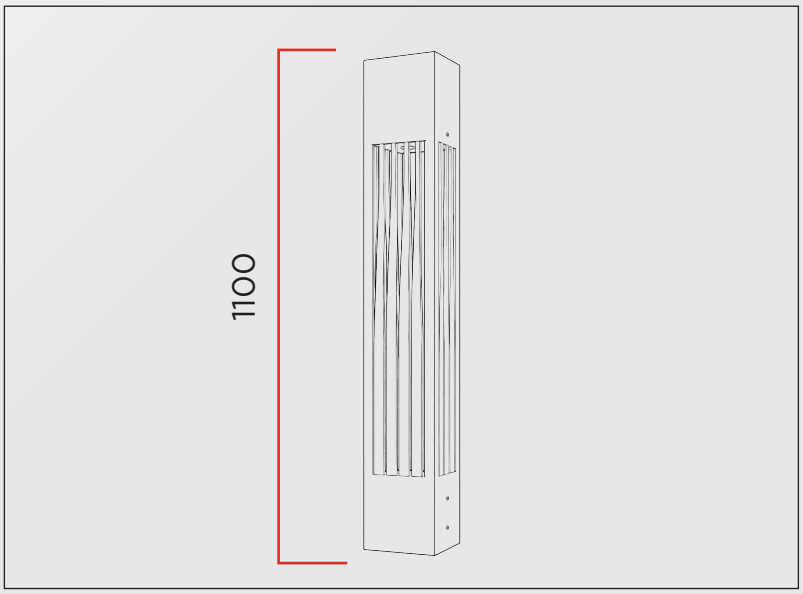


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Woody Bollard

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5-20 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Woody Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	600-2400 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Woody	6W	720lm.	4000	>80

ISO TSE RoHS CE

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Woody Bollard

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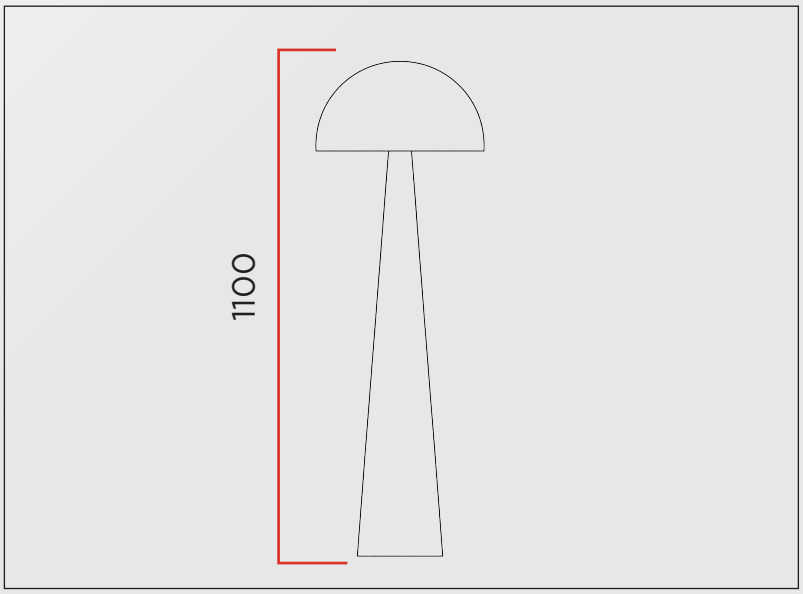


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Fungo Bollard

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5-15 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-15W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Fungo Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	600-1800 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Fungo	10W	1200lm.	4000	>80

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Fungo Bollard

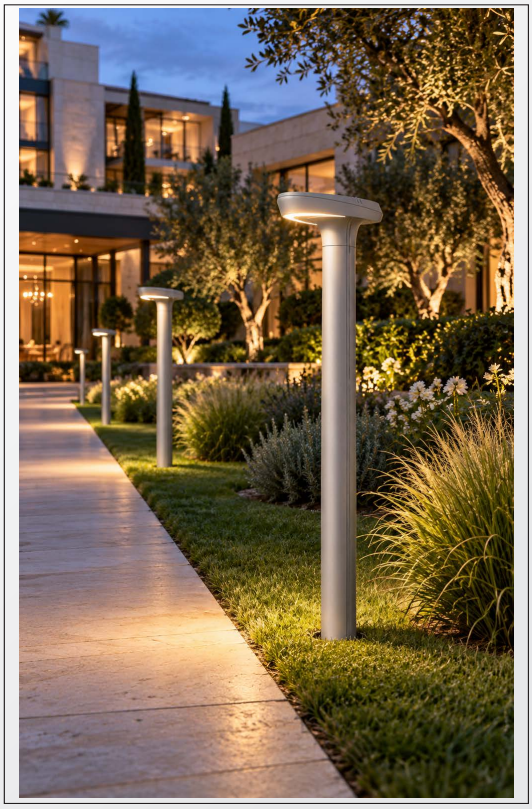
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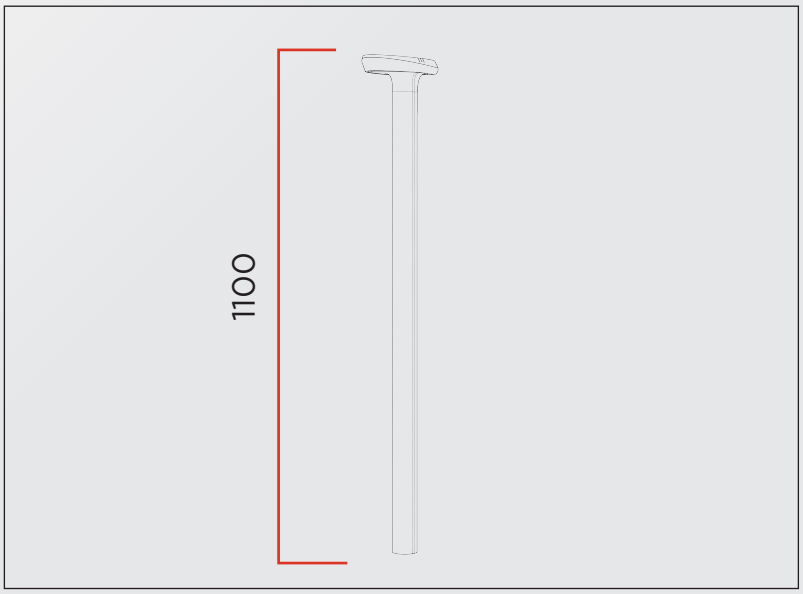


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Anto Bollard

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5-15 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-15W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø180mmX3mm
Body Type	Shaft
Material	Aluminum

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Anto Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	600-1800 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Anto	6W	720lm.	4000	>80

ISO TSE RoHS CE

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Anto Bollard

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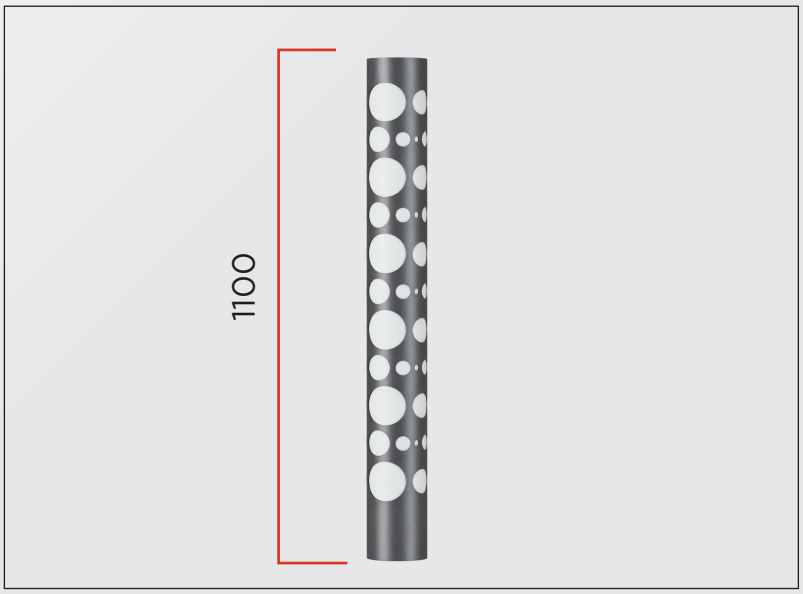


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Colonna Bollard

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5-20 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Colonna Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-105lm/W
Luminaire Luminous Flux	450-2100 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Colonna Bollard	9W	945lm.	4000	>80

ISO TSE RoHS CE

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Colonna Bollard

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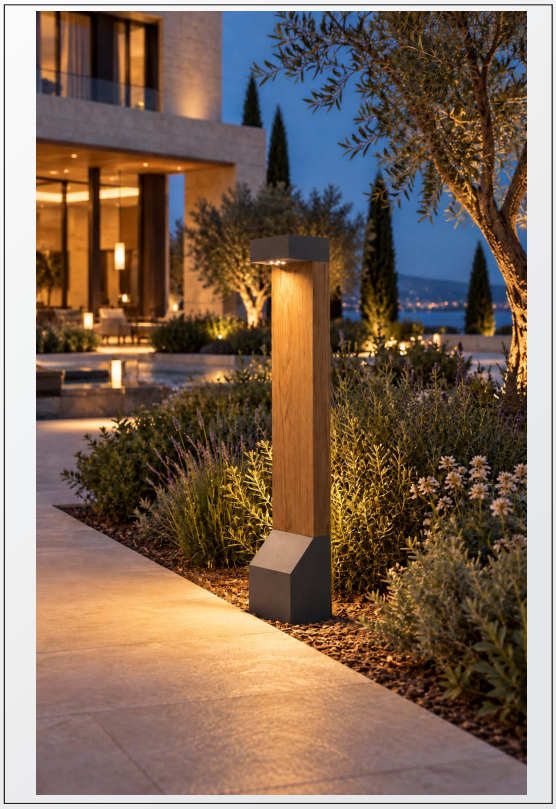


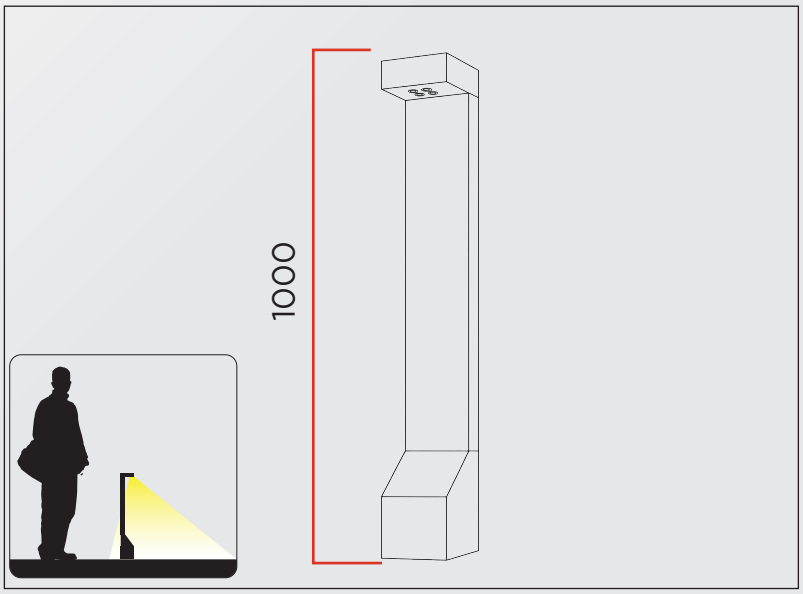


OptoSmart

Iden Bollard

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5 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Iden Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	105lm/W
Luminaire Luminous Flux	525 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Iden	5W	525lm.	4000	>80

OptoSmart

Iden Bollard

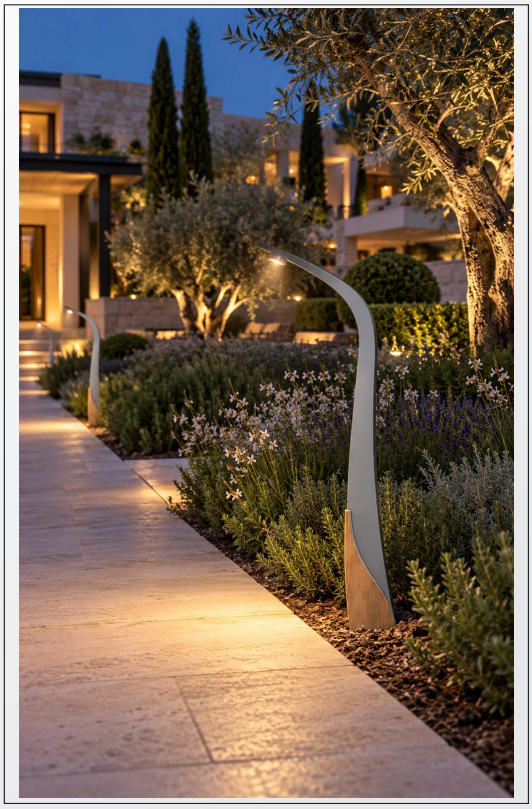
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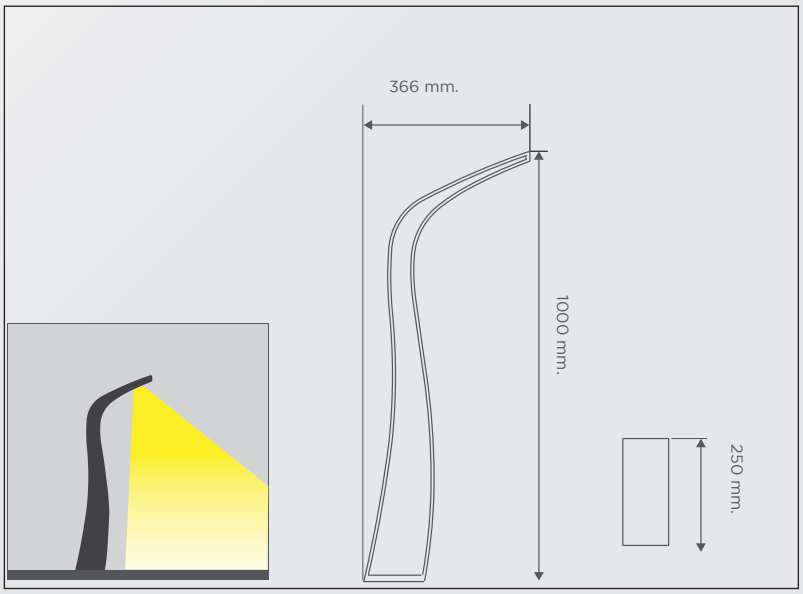


OptoSmart

Armonia Bollard

optosmart.uk





5-20 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Armonia Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	90-120lm/W
Luminaire Luminous Flux	450-2400 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Armonia	9W	945lm.	4000	>80

ISO TSE RoHS CE

OptoSmart

Armonia Bollard

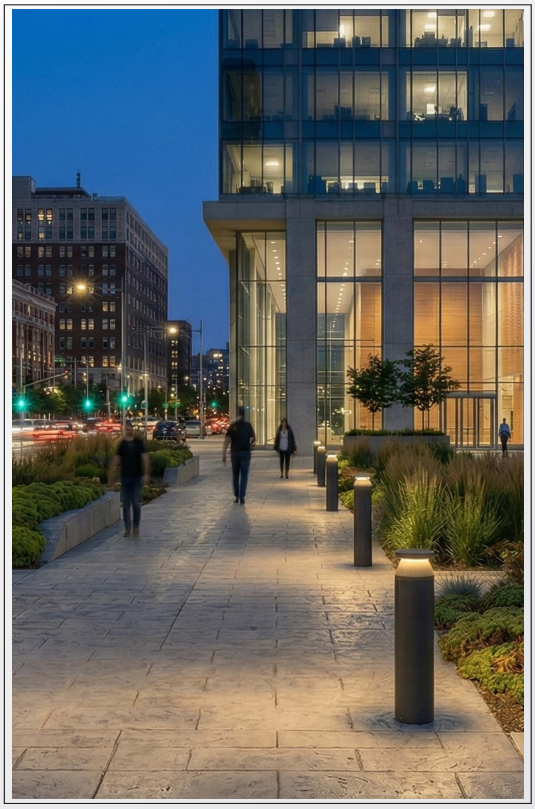
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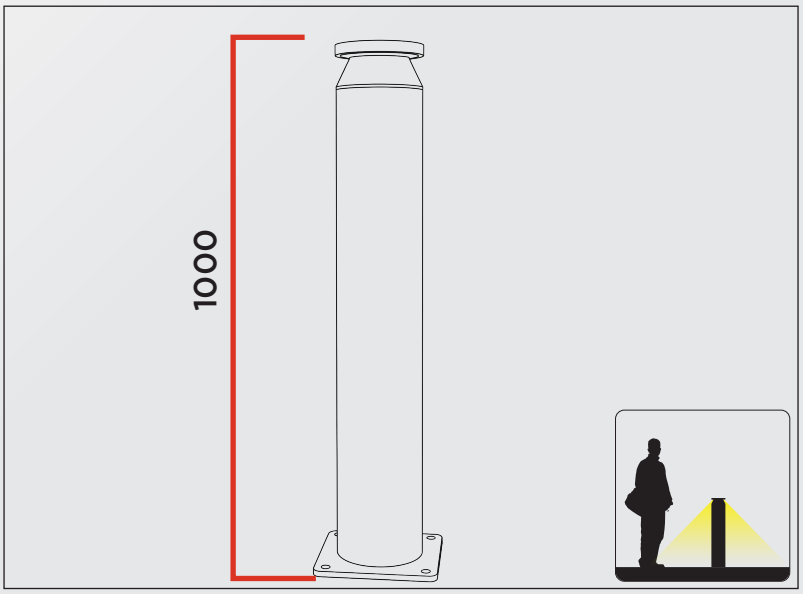


OptoSmart

Heera Lighting Bollard

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5-20 Watts | 3000K - 6500K | IP66 | IK08 | - + Dali

DarkSky Approved

Commercial Luminaire

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5-20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Lighting Bollard
Product Name	Heera
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Symmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	105-120 lm/W
Luminaire Luminous Flux	1050-2400lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Heera	10W	1100lm	3000	>80
Heera	20W	2200lm	3000	>80

ISO TSE RoHS CE

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Heera Lighting Bollard

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Approved

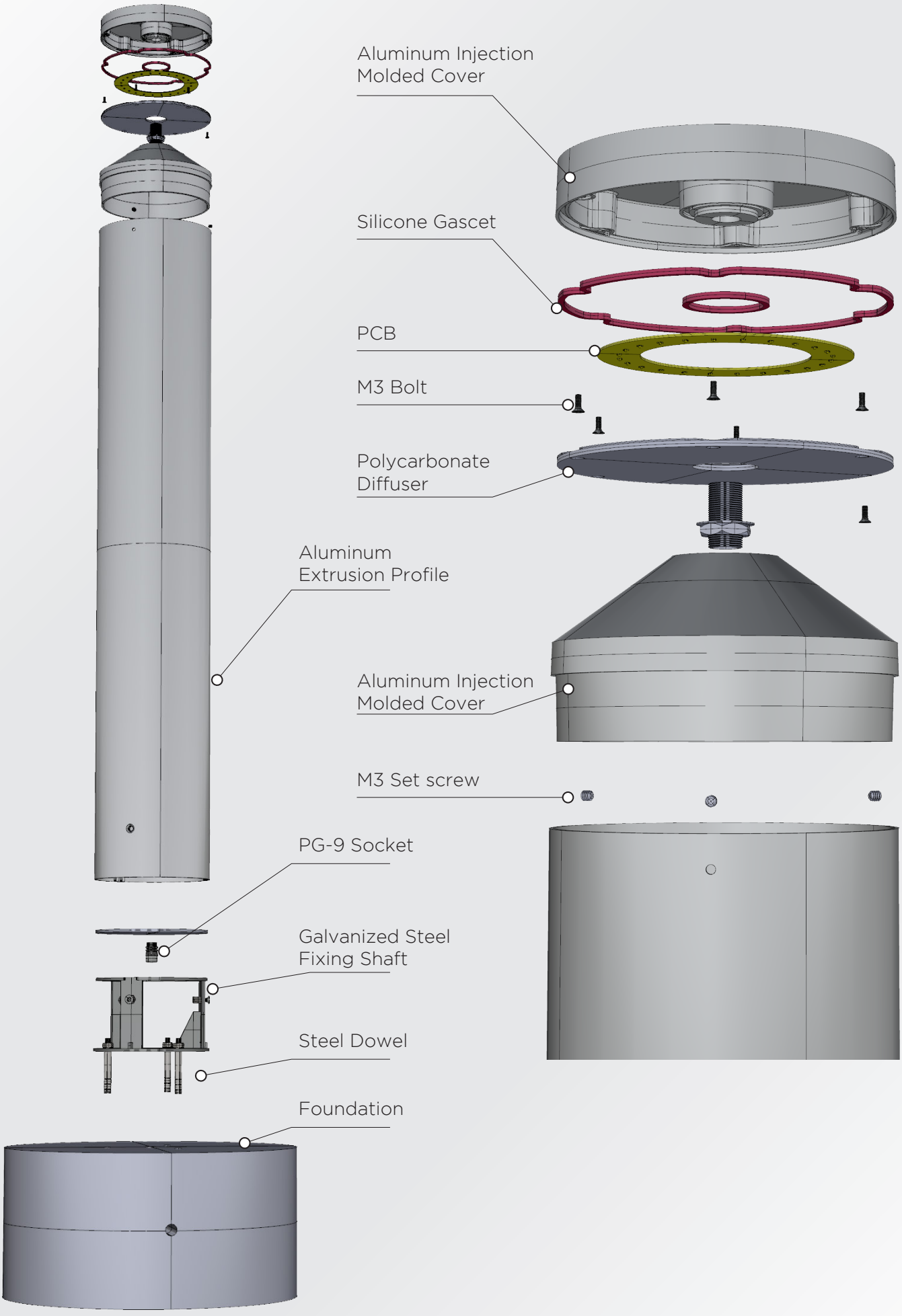
Commercial
Luminaire



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Heera Lighting Bollard

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DarkSky

DarkSky Approved Luminaire

COMMERCIAL PRODUCT FAMILY

OptoLed

Heera Bollard

Thank you for being a valued part of the DarkSky Approved Luminaires program—providing quality lighting that protects dark skies and preserves the nighttime environment.
These efforts safeguard a shared cultural heritage and keep our stars shining bright.

Ruskin K. Hartley
Executive Director

DarkSky Approved
Commercial Luminaire

James Brigagliano
Lighting Program Manager

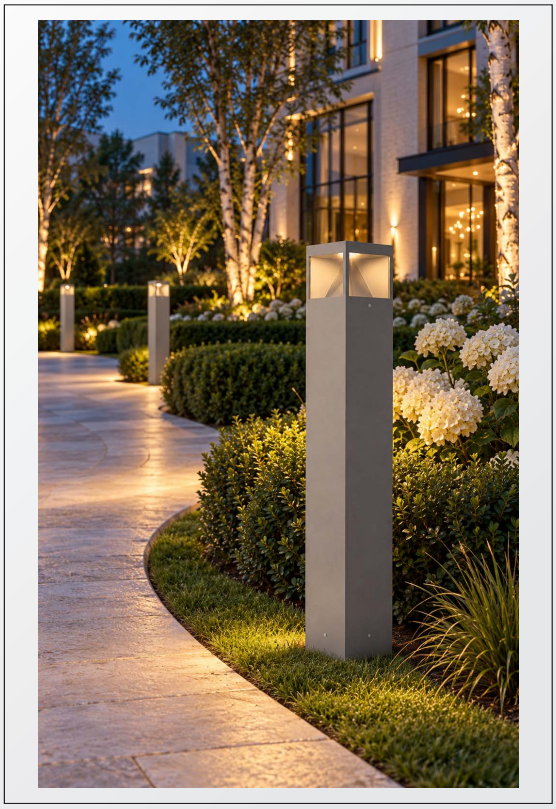
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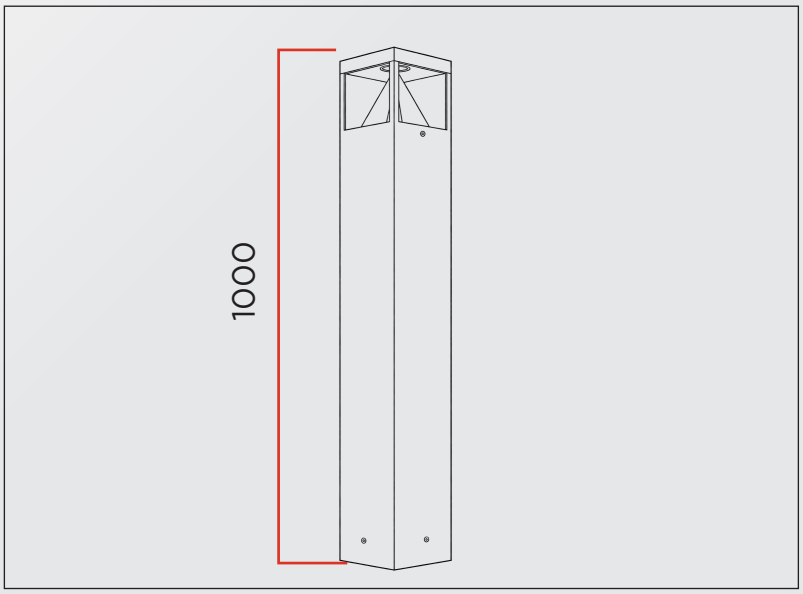
VERSION 3.0

OptoSmart

Square Bollard

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3-20 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	3W - 20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Body Specs

Dimensions	150mmX150mmX3mm
Body Type	Profile
Material	Aluminum

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Square Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	150m/W
Luminaire Luminous Flux	330 lm - 2400 lm

Product Configurations

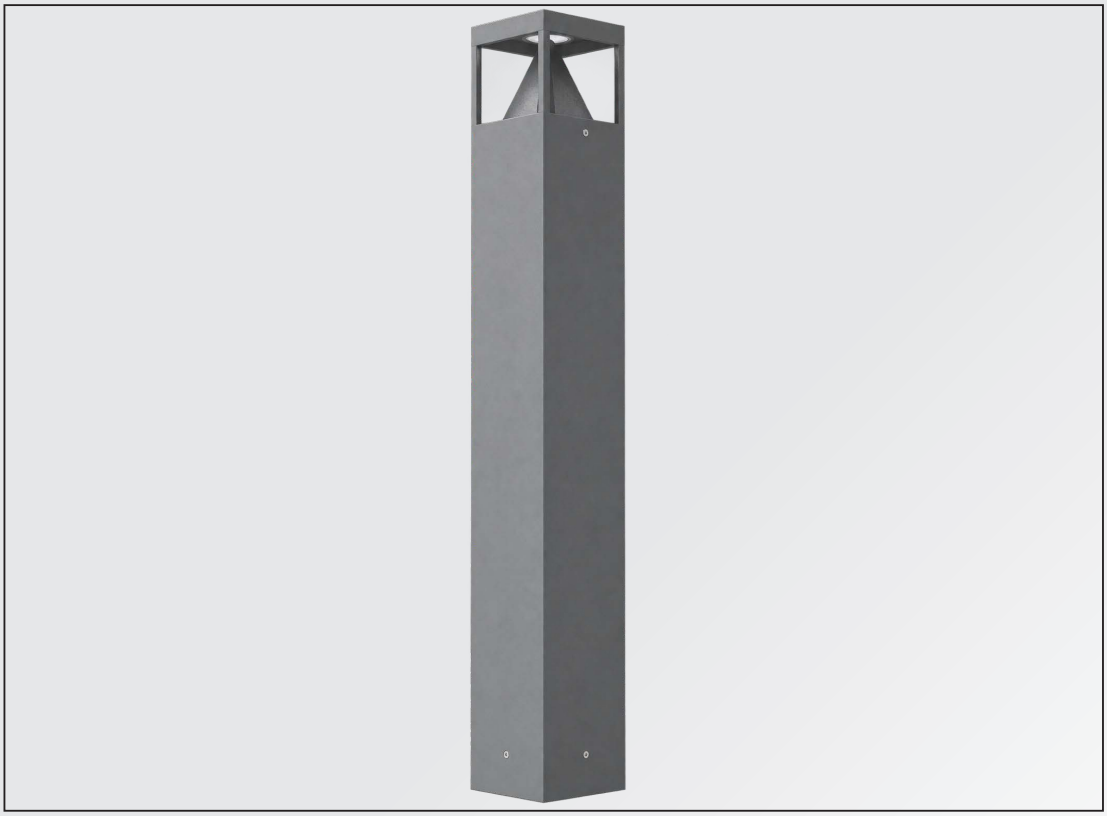
Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Square	6W	900lm.	4000	>80

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Square Bollard

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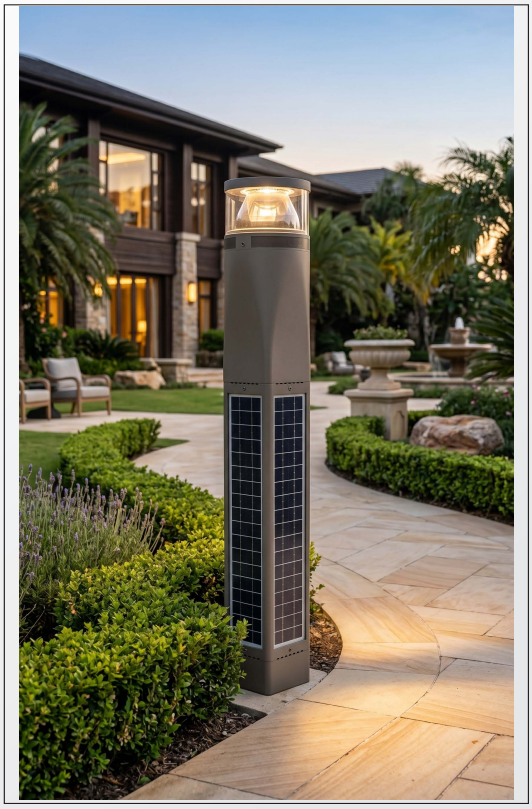
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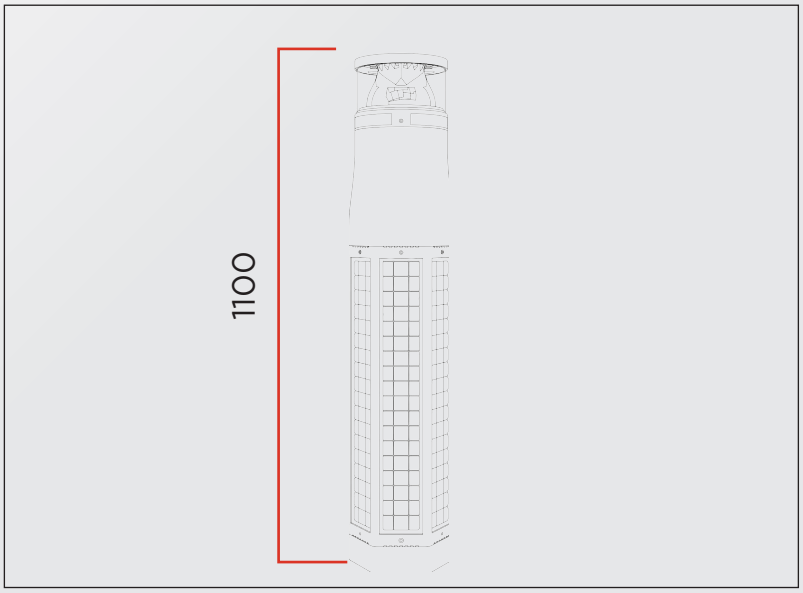
Solar Bollards

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Hexagon Solar Bollard

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4 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Frequency (Hz)	50/60 Hz
Power Consumption (W)	4W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø180mmX3mm
Body Type	Profile
Material	Aluminum

Solar Details

Solar Panel Dimensions	600mm x 95mm
Solar Panel	6x10Wp
Battery	6Ahr 12,8V LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Hexagon Solar Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	480 lm

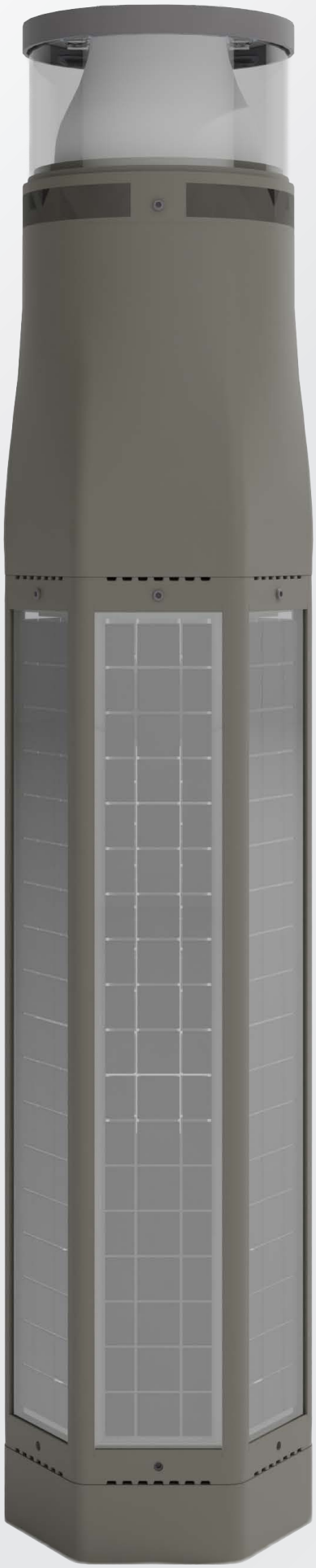
Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Hexagon Solar Bollard	4W	480lm.	4000	>80

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Hexagon Solar Bollard

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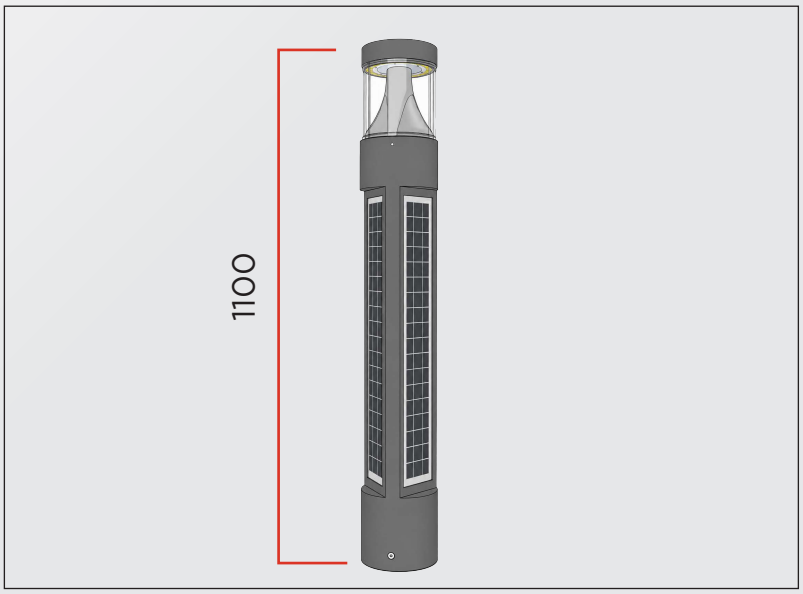




Theia Circular Bollard with Three Solar Panels

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4 Watts | 3000K - 6500K | IP66 | IK08

Electrical Details

Frequency (Hz)	50/60 Hz
Power Consumption (W)	4W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	Ø180mmX3mm
Body Type	Profile
Material	Aluminum

Solar Details

Solar Panel Dimensions	600mm x 95mm
Solar Panel	3x10Wp
Battery	6Ahr 12,8V LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Theia Circular Bollard with Three Solar Panels
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	480 lm

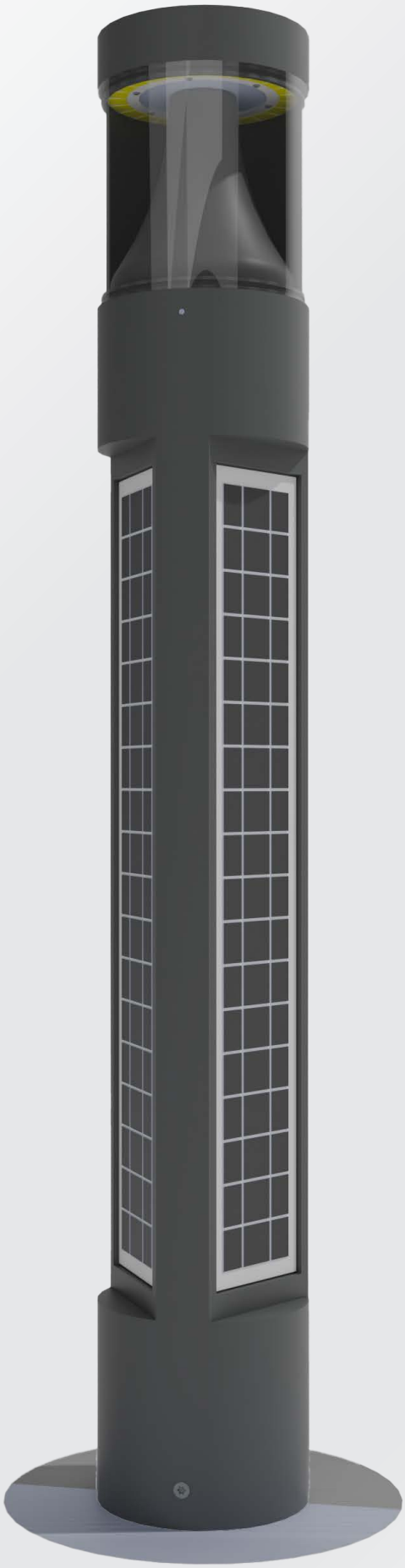
Product Configurations

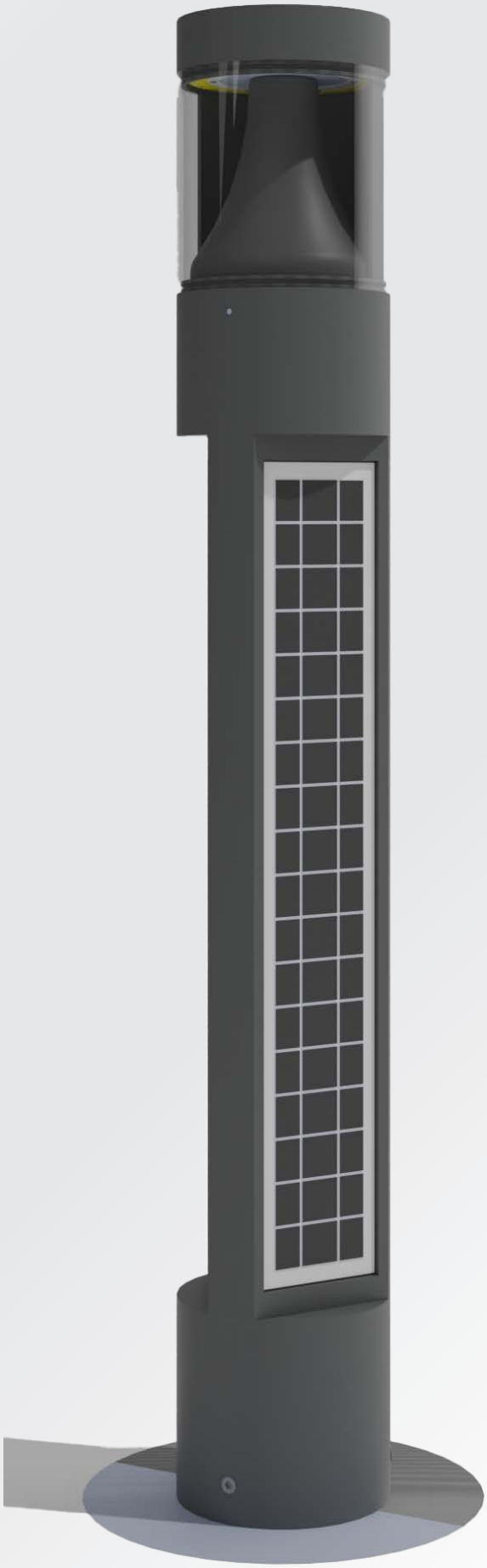
Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Theia with 3 Solar	4W	480lm.	4000	>80

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Theia Circular Bollard with Three Solar Panels

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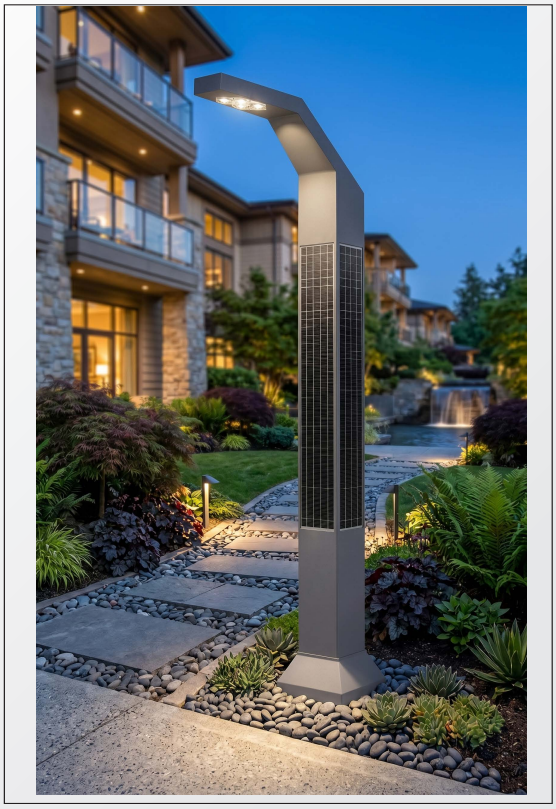


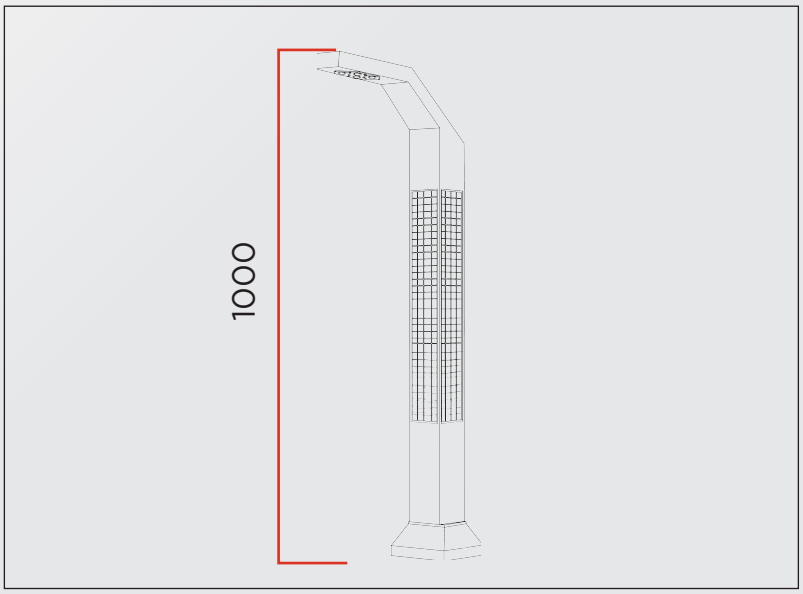


OptoSmart

Wingo Solar Bollard

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8 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Frequency (Hz)	50/60 Hz
Power Consumption (W)	8W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	200mmX200mmX3mm
Body Type	Profile
Material	Aluminum

Solar Details

Solar Panel Dimensions	600mm x 200mm
Solar Panel	4x10Wp
Battery	230 Whr LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Wingo Solar Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymmetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	150lm/W
Luminaire Luminous Flux	1200 lm

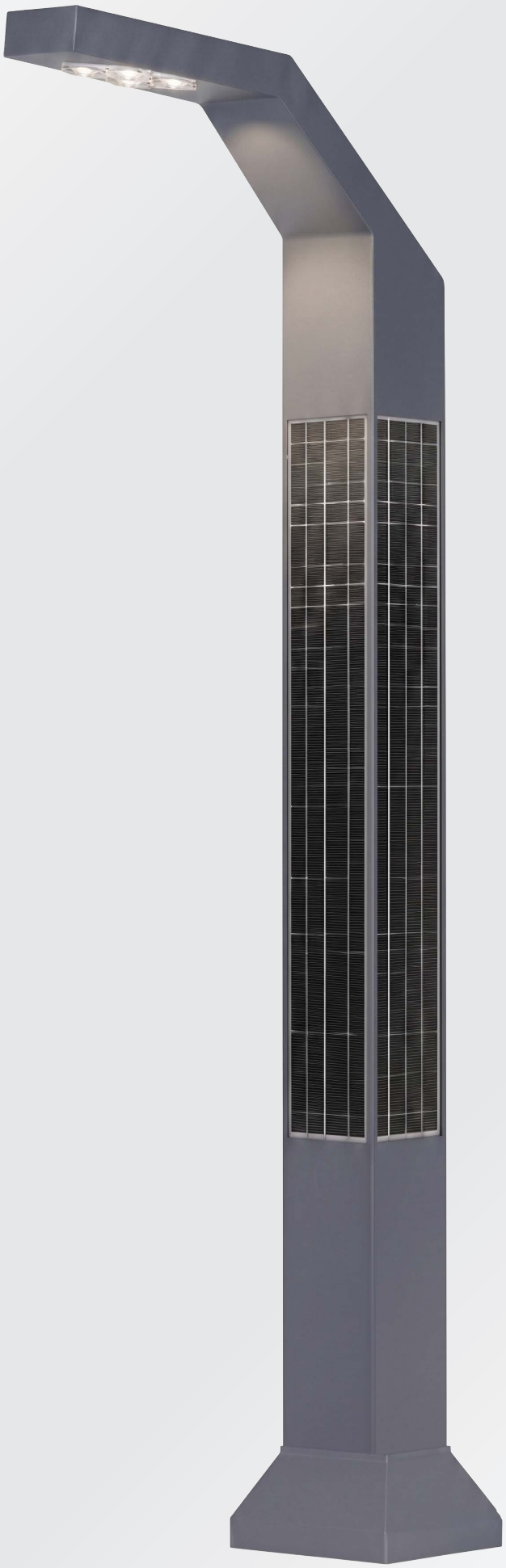
Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Wingo	8W	1200lm.	4000	>80

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Wingo Solar Bollard

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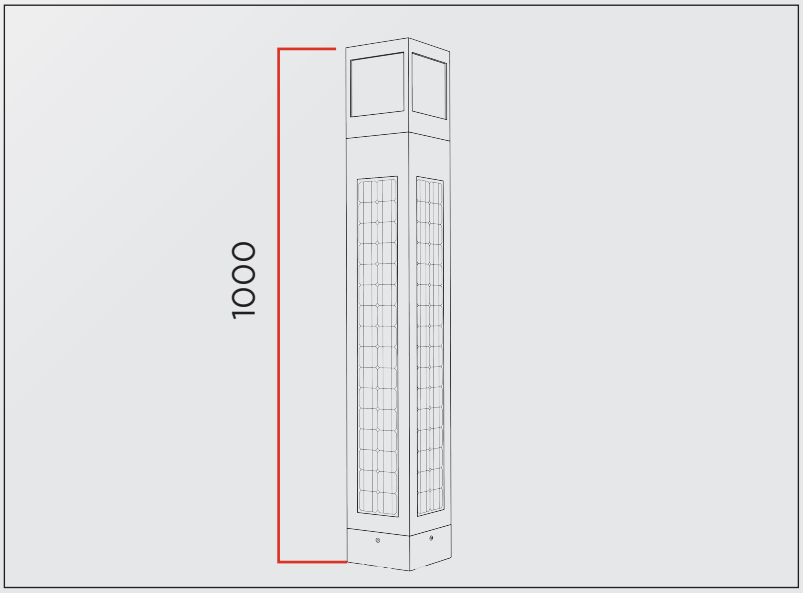


OptoSmart

Square Solar Bollard

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3-20 Watts | 3000K - 6500K | IP65 | IK08

Electrical Details

Frequency (Hz)	50/60 Hz
Power Consumption (W)	3W - 20W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Pole Body Specs

Dimensions	150X150mmX3mm
Body Type	Profile
Material	Aluminum

Solar Details

Solar Panel Dimensions	800mm x 90mm
Solar Panel	4x10Wp
Battery	230 Whr LiFePO4
Charger	MPPT

Product Datasheet

Product Description

Product Type	Bollard
Product Name	Square Solar Bollard
Installation Environment	Outdoor
Application Areas	City, Gardens, Promenades
Applicable Mounting Setings	On Ground
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	110 - 150lm/W
Luminaire Luminous Flux	330 lm - 3000 lm

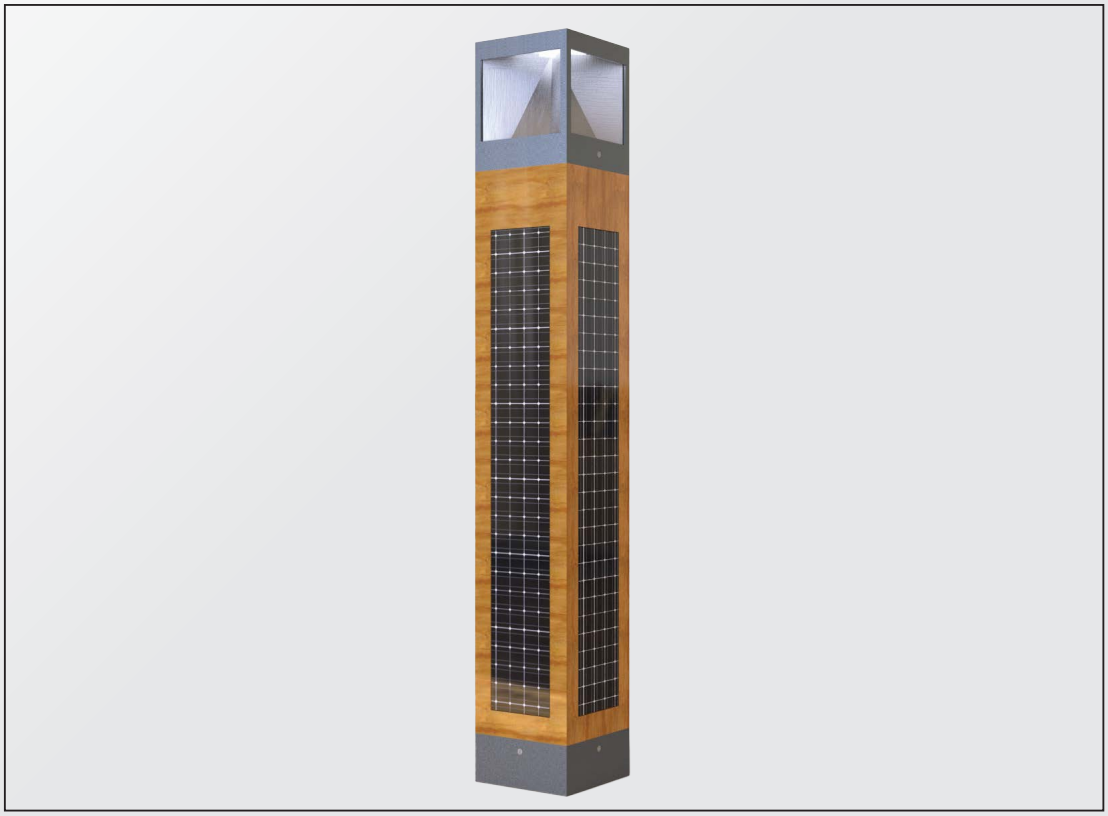
Product Configurations

Height	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
1mt.	6W	900lm.	4000	>80

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Square Solar Bollard

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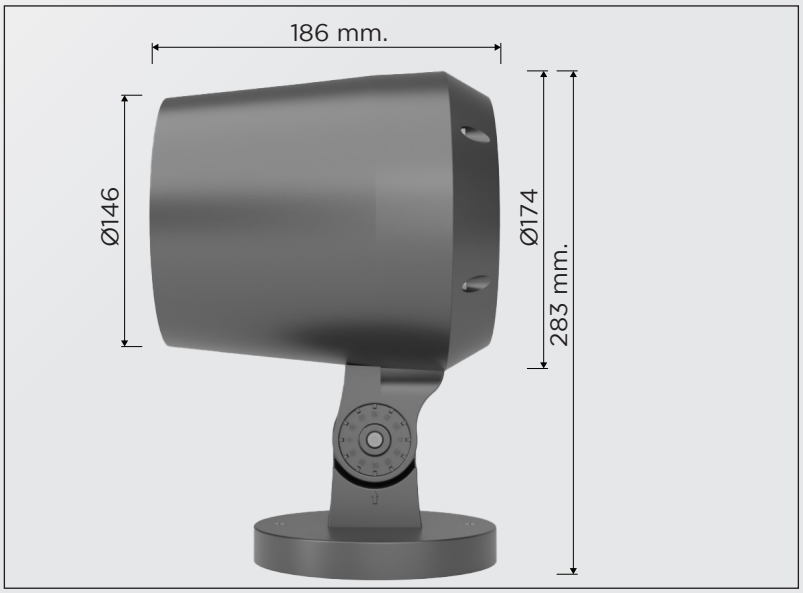
Projectors & Flood Lights

OptoSmart

Adelia Flood

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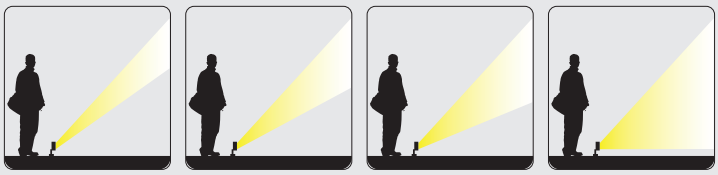
15-54 Watts

3000K - 6500K

IP67

IK08

- + Dali



10° Polycarbonate lens | 25° Polycarbonate lens | 45° Polycarbonate lens | 60° Polycarbonate lens

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	15W - 54W
Power Factor	>0,9
Current (mA)	400mA - 750mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, Samsung, LUMILEDS
LED Chip Type	Power LED
LED Chip Count	12 pcs
LED Driver(s)	Meanwell, OSRAM
Optics	.....
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Luminaire
Product Name	Adelia Flood
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	Ground / Arm
Light Distribution	Asymmetrical / Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	.....
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP67
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Diffused
Color Rendering Index (CRI)	>80
Luminous Efficiency	120 - 160 lm/W
Luminaire Luminous Flux	1800 lm - 8640 lm

Product Configurations

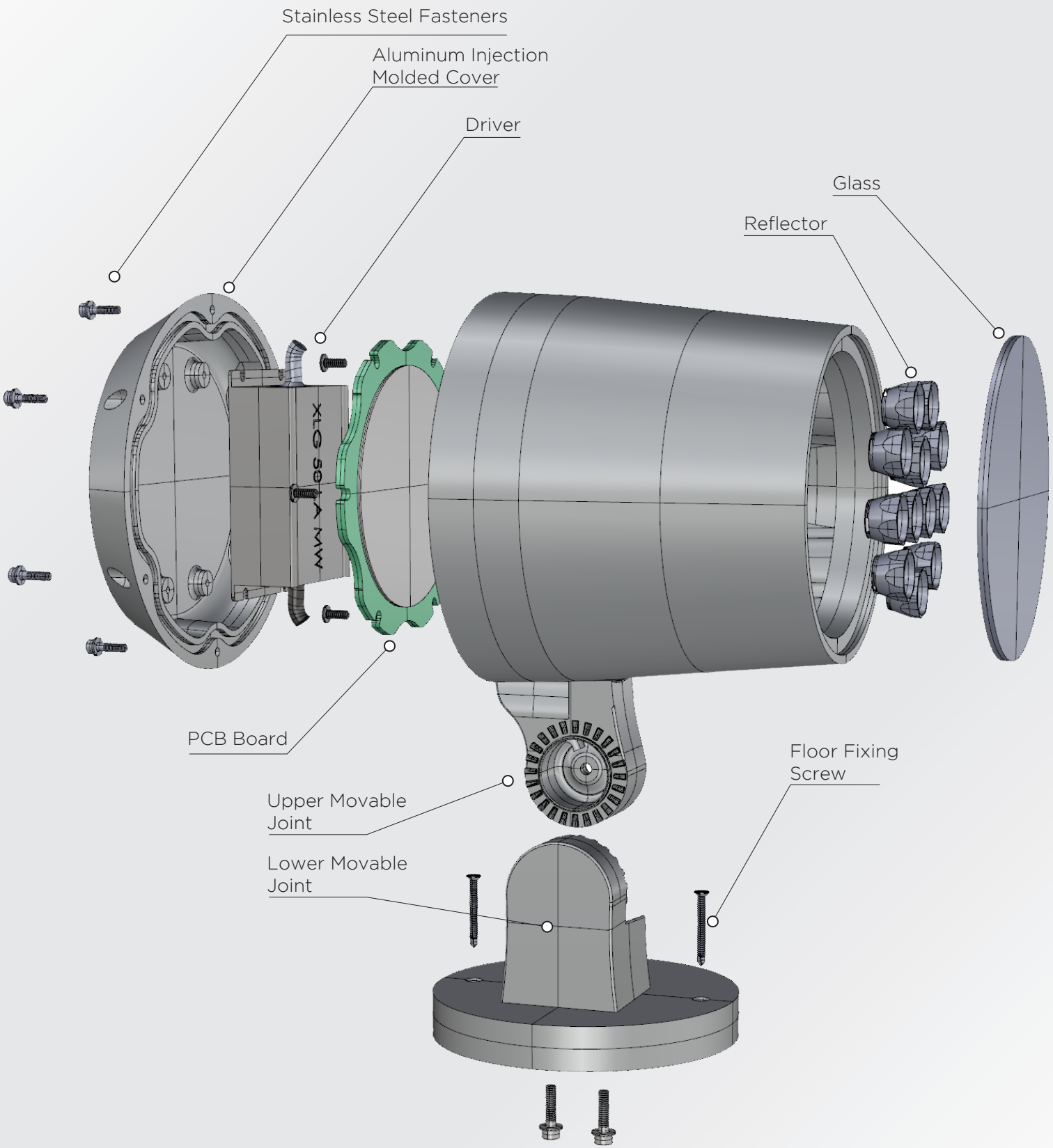
H 1m.	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Adelia Flood	15W	1800lm.	4000	>80
Adelia Flood	27W	3240lm.	4000	>80
Adelia Flood	54W	6480lm.	4000	>80

ISO TSE RoHS CE

OptoSmart

Adelia Flood

optosmart.uk

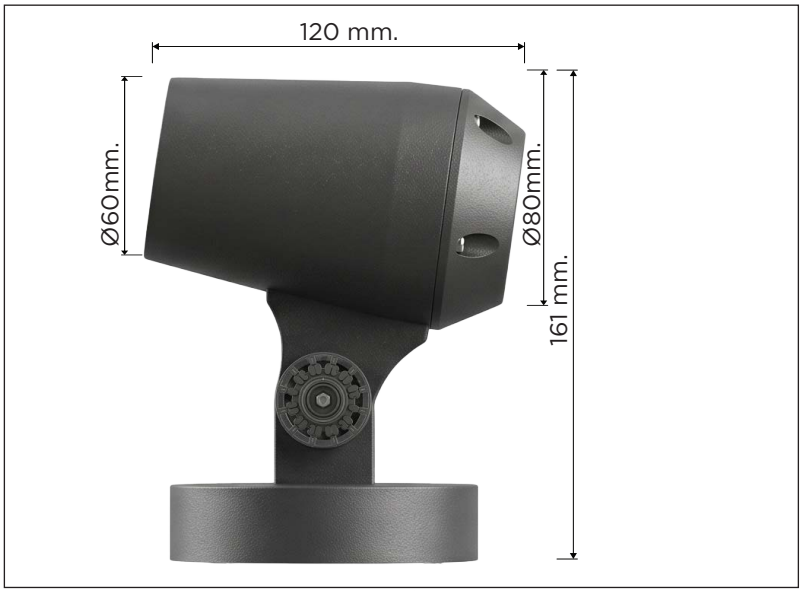


OptoSmart

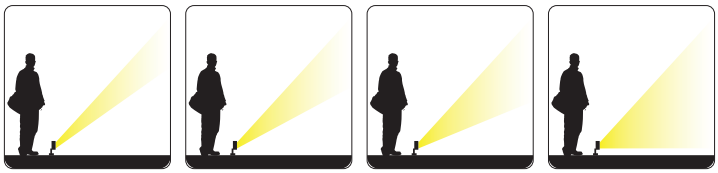
Adelia Flood

optosmart.uk





15-54 Watts | 3000K - 6500K | IP67 | IK08 | - + Dali



10° Polycarbonate lens | 25° Polycarbonate lens | 45° Polycarbonate lens | 60° Polycarbonate lens

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	15W - 54W
Power Factor	>0,9
Current (mA)	400mA - 750mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, Samsung, LUMILEDS
LED Chip Type	Power LED
LED Chip Count	COB
LED Driver(s)	Meanwell, OSRAM
Optics	.....
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Luminaire
Product Name	Adelia Flood
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	Ground / Arm
Light Distribution	Asymmetrical / Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	.....
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP67
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Diffused
Color Rendering Index (CRI)	>80
Luminous Efficiency	120 - 160 lm/W
Luminaire Luminous Flux	1800 lm - 8640 lm

Product Configurations

H 1m.	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Adelia Flood	15W	1800lm	4000	>80
Adelia Flood	20W	2400lm	4000	>80
Adelia Flood	25W	3000lm	4000	>80

ISO | TSE | RoHS | CE

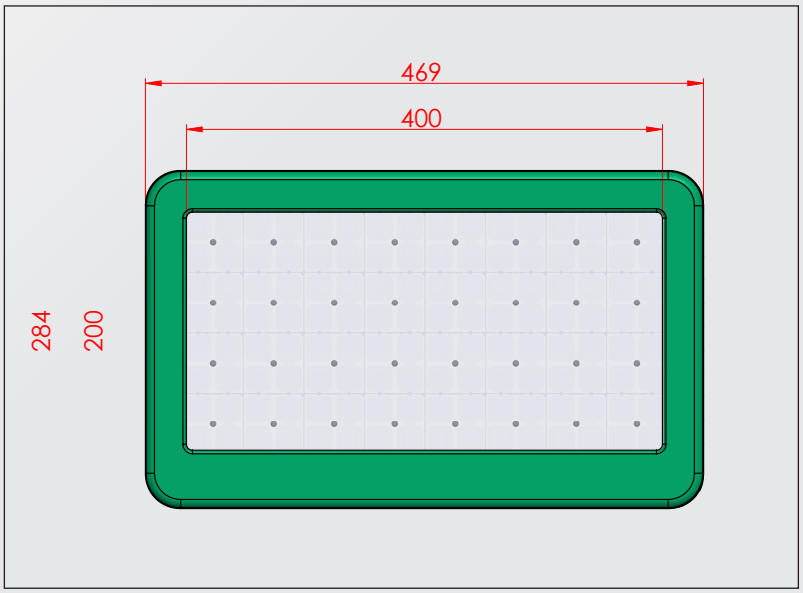


OptoSmart

Sirius Projector

optosmart.uk





150-300 Wats | 3000K - 6500K | IP65 | IK08 | - + Dali

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	150W - 300W
Power Factor	>0,9
Current (mA)	400mA - 750mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, Samsung, LUMILEDS
LED Chip Type	Power LED
LED Chip Count	128 pcs
LED Driver(s)	Meanwell, OSRAM
Optics	.....
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Projector
Product Name	Sirius
Installation Environment	Outdoor
Application Areas	Stadiums, Sports Facilities
Applicable Mounting Setings	Bracket / Cage
Light Distribution	Asymmetrical / Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	.....
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Diffused
Color Rendering Index (CRI)	>80
Luminous Efficiency	105- 160 lm/W
Luminaire Luminous Flux	15750 lm - 31500 lm

Product Configurations

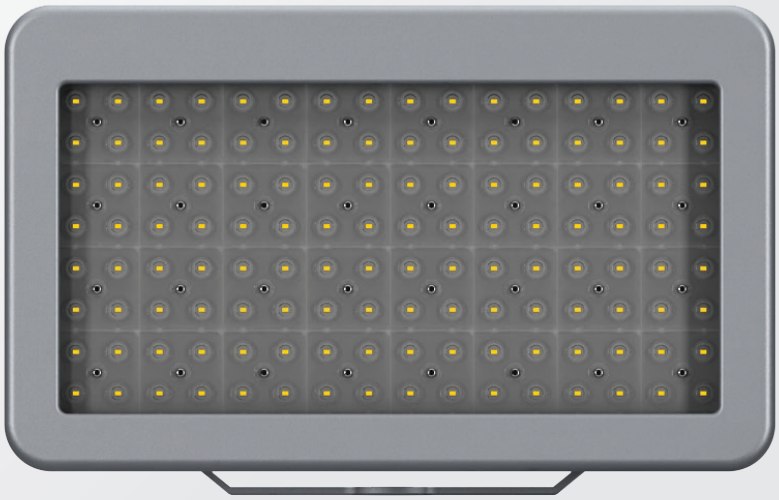
H 1m.	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Sirius	150W	15750lm.	3000	>80
Sirius	250W	26250lm.	3000	>80
Sirius	300W	31500lm.	3000	>80

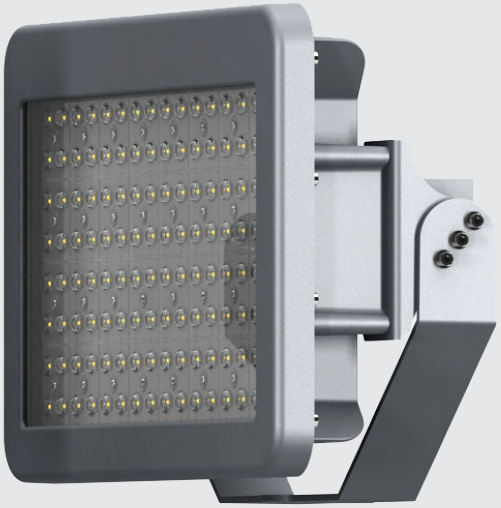
ISO TSE RoHS CE

OptoSmart

Sirius Projector

optosmart.uk





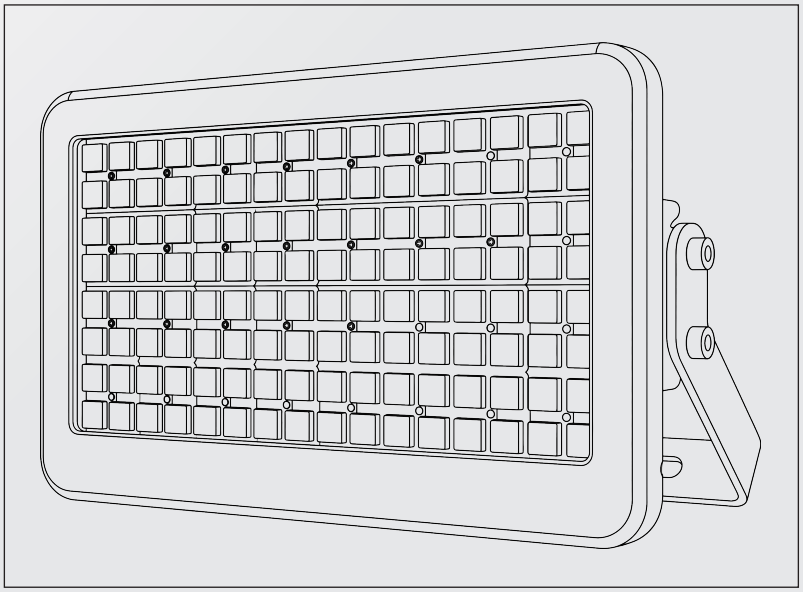


OptoSmart

Sirius S Projector

optosmart.uk





40-195 Watts | 3000K - 6500K | IP66 | IK08 | - + Dali

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	40W-195W
Power Factor	>0,9
Current (mA)	400mA - 750mA
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, OSRAM, LUMILEDS
LED Chip Type	Power LED
LED Driver(s)	MOSSO, OSRAM, Inventronics
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Projector
Product Name	Sirius S
Installation Environment	Outdoor
Application Areas	Stadiums, Sports Facilities
Applicable Mounting Setings	Bracket / Cage
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	.....
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Sirius S	144W	18000lm.	3000	>80
Sirius S	160W	20000lm.	3000	>80
Sirius S	176W	22000lm.	3000	>80
Sirius S	192W	24000lm.	3000	>80

ISO TSE RoHS CE

OptoSmart

Sirius S Projector

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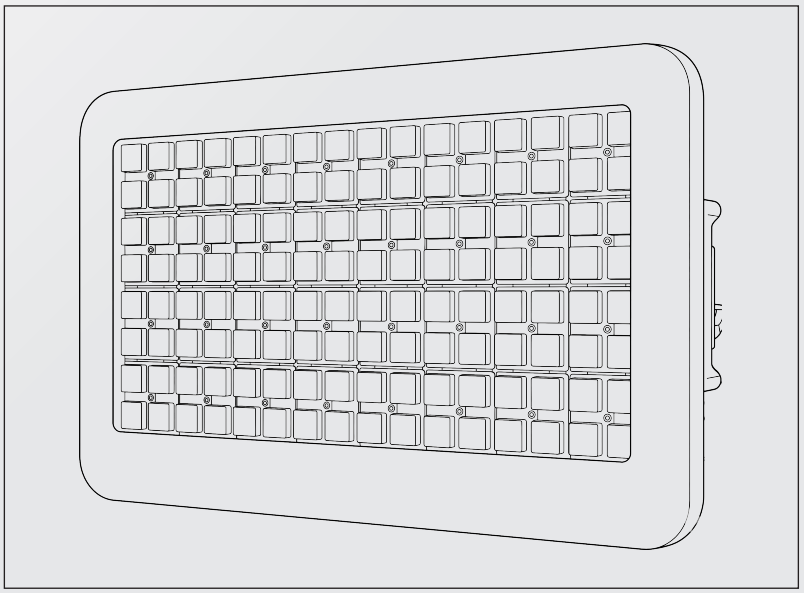


OptoSmart

Sirius L Projector

optosmart.uk





208-320 Watts | 2200K-6500K | IP65 | IK08 | - + Dali

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	208W - 320W
Power Factor	>0,9
Current (mA)	400mA - 750mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	1,60mm Aluminum Board
LED Chip(s)	Cree, Samsung, LUMILEDS
LED Chip Type	Power LED
LED Chip Count	128 pcs
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Projector
Product Name	Sirius L
Installation Environment	Outdoor
Application Areas	Stadiums, Sports Facilities
Applicable Mounting Setings	Bracket / Cage
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	.....
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	Electrostatic Powder Coating
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Sirius L	208W	26000lm.	2200	>80
Sirius L	224W	28000lm.	2200	>80
Sirius L	235W	30800lm.	2200	>80
Sirius L	240W	30000lm.	2200	>80
Sirius L	272W	34000lm.	2200	>80
Sirius L	288W	36000lm.	2200	>80
Sirius L	315W	40000lm.	2200	>80

ISO TSE RoHS CE

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Sirius L Projector

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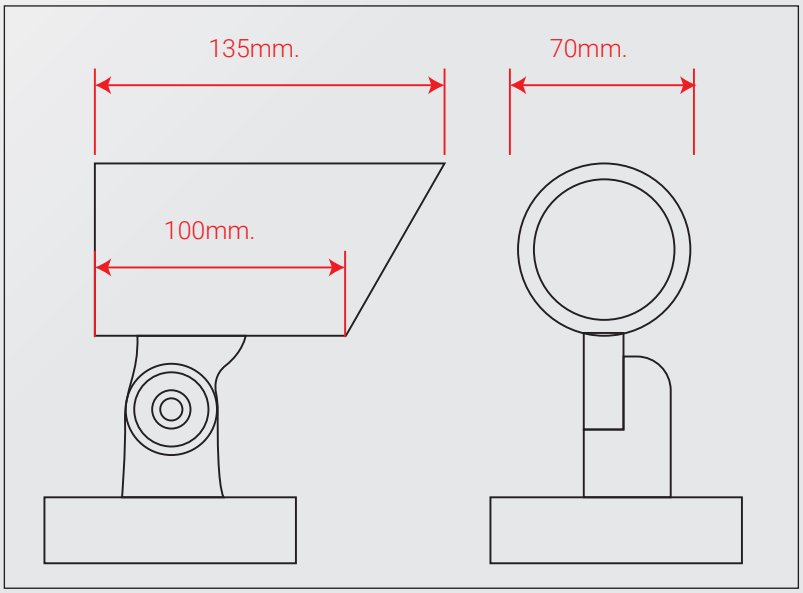


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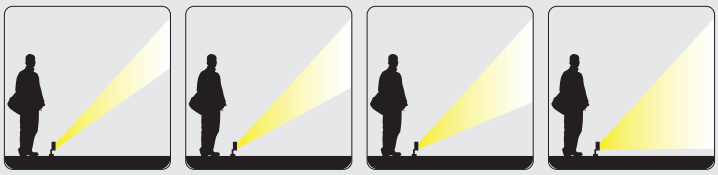
Flood XS

optosmart.uk





5-12 Watts | 3000K - 6500K | IP66 | IK08 | - + Dali



10° Polycarbonate lens | 25° Polycarbonate lens | 45° Polycarbonate lens | 60° Polycarbonate lens

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5W - 12W
Power Factor	>0,9
Current (mA)	400mA - 750mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, Samsung, LUMILEDS
LED Chip Type	COB
LED Chip Count	12 pcs
LED Driver(s)	Meanwell, OSRAM
Optics	.....
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Floodlight
Product Name	Flood XS
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	Ground / Arm
Light Distribution	Asymmetrical / Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	.....
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Diffused
Color Rendering Index (CRI)	>80
Luminous Efficiency	120 lm/W
Luminaire Luminous Flux	600 lm - 1440 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Flood XS	5W	600lm.	3000	>80
Flood XS	12W	1440lm.	3000	>80

ISO | TSE | RoHS | CE

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Flood XS

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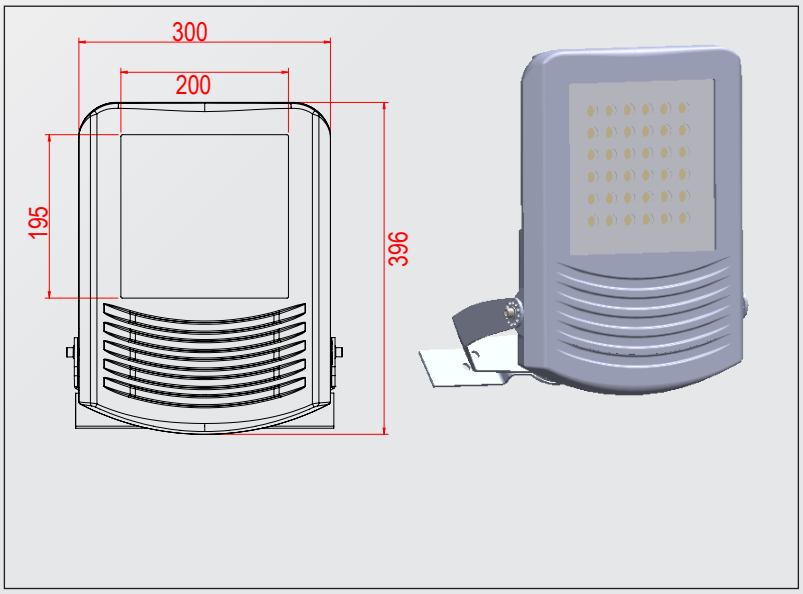


OptoSmart

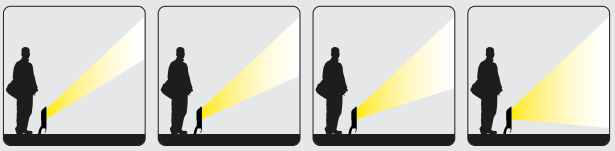
Lyra Fixture

optosmart.uk





35-120 Watts | 3000K - 6500K | IP67 | IK08 | - + Dali



10° Polycarbonate Lens | 25° Polycarbonate Lens | 45° Polycarbonate Lens | 60° Polycarbonate Lens

Product Datasheet

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	35W - 120W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, Samsung, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Chip Count	48 - 192 pcs
LED Driver(s)	Meanwell, OSRAM
Optics	.....
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Product Description

Product Type	Luminaire
Product Name	Lyra Fixture
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	On Pole
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	.....
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP67
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Diffused
Color Rendering Index (CRI)	>80
Luminous Efficiency	130 - 170 lm/W
Luminaire Luminous Flux	4550 lm - 20400 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Lyra	35W	5250lm.	4000	>80
Lyra	45W	6750lm.	4000	>80
Lyra	60W	9000lm.	4000	>80
Lyra	90W	13500lm.	4000	>80
Lyra	100W	15000lm.	4000	>80
Lyra	120W	18000lm.	4000	>80

ISO | TSE | RoHS | CE

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Lyra Fixture

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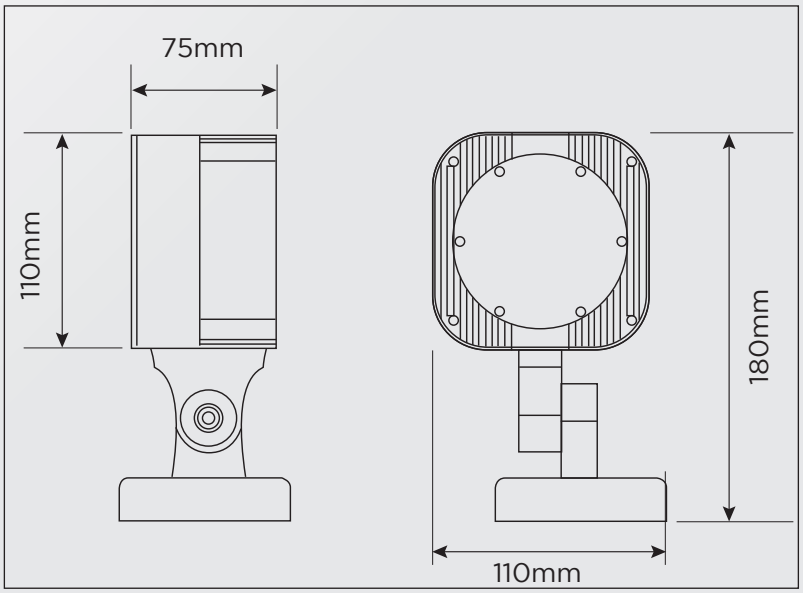


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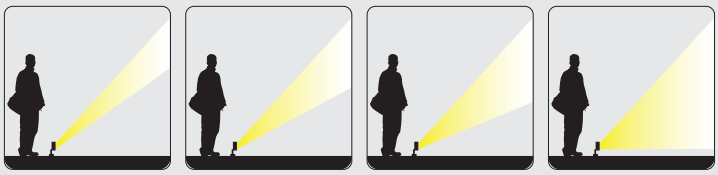
Quattro

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5-9 Watts | 3000K - 6500K | IP66 | IK08 | - + Dali



10° Polycarbonate lens | 25° Polycarbonate lens | 45° Polycarbonate lens | 60° Polycarbonate lens

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	5W - 9W
Power Factor	>0,9
Current (mA)	400mA - 750mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, Samsung, LUMILEDS
LED Chip Type	COB
LED Chip Count	12 pcs
LED Driver(s)	Meanwell, OSRAM
Optics	.....
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Floodlight
Product Name	Quattro
Installation Environment	Outdoor
Application Areas	City, Highway, Promenades
Applicable Mounting Setings	Ground / Arm
Light Distribution	Asymmetrical / Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	.....
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Diffused
Color Rendering Index (CRI)	>80
Luminous Efficiency	120 lm/W
Luminaire Luminous Flux	600lm - 1080 lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Quattro	5W	600lm.	3000	>80
Quattro	7W	840lm.	3000	>80
Quattro	9W	1080lm.	3000	>80

ISO TSE RoHS CE



OptoSmart

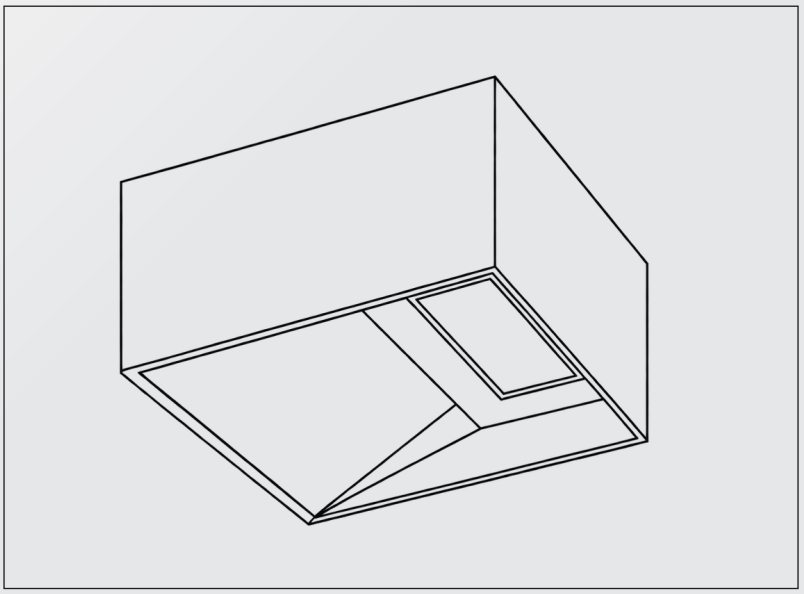
Landscape & Facade Lights

OptoSmart

Caro Wall Light

optosmart.uk





8-12 Watts | 3000K - 6500K | IP65 | IK08 | - + Dali

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	8-12W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Wall Light
Product Name	Caro
Installation Environment	Outdoor
Application Areas	City, Residential Areas , Promenades
Applicable Mounting Setings	On Walls
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	80lm/W
Luminaire Luminous Flux	640-960lm

Product Configurations

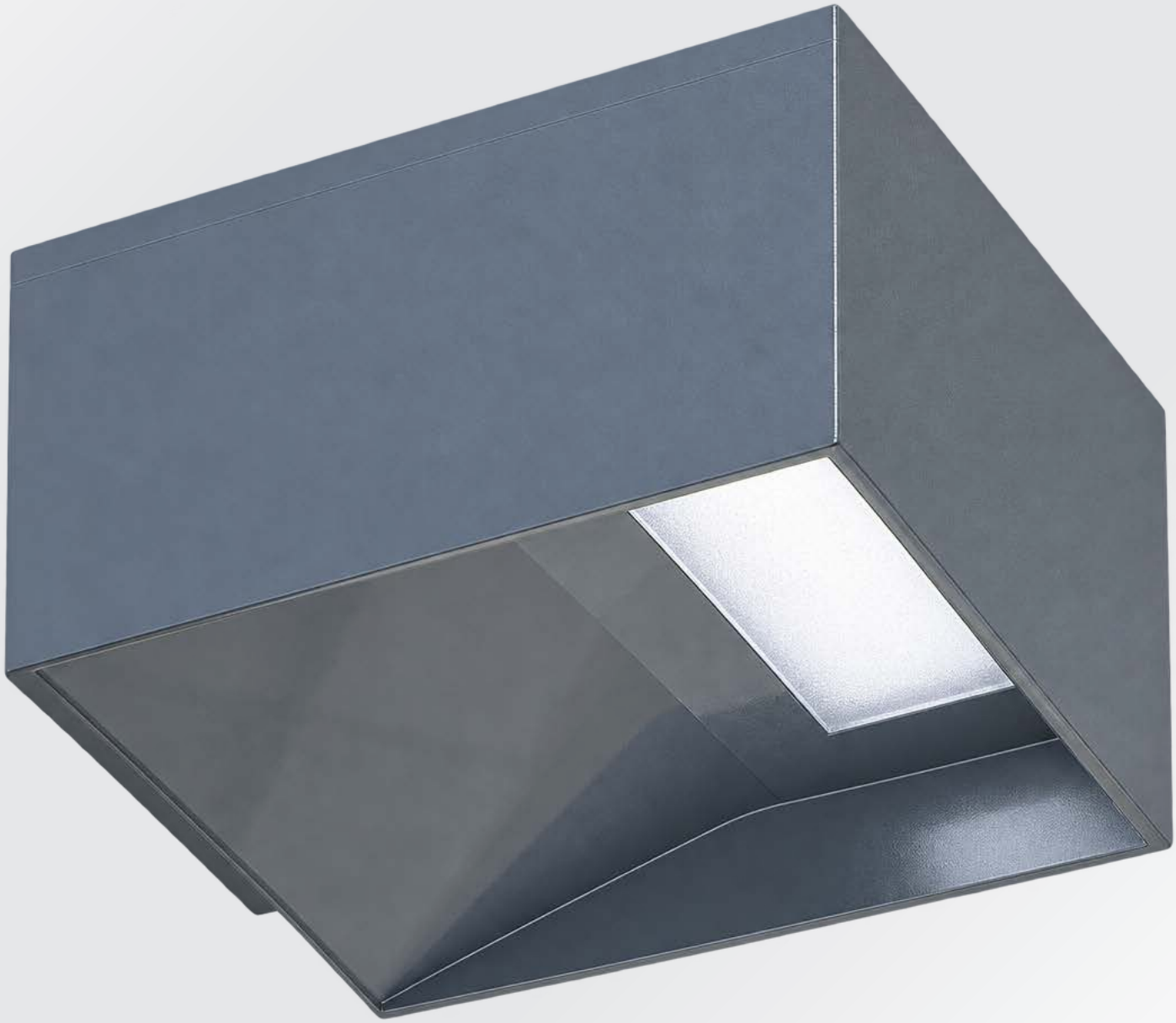
Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Caro	10W	800lm	3000	>80

ISO TSE RoHS CE

OptoSmart

Caro Wall Light

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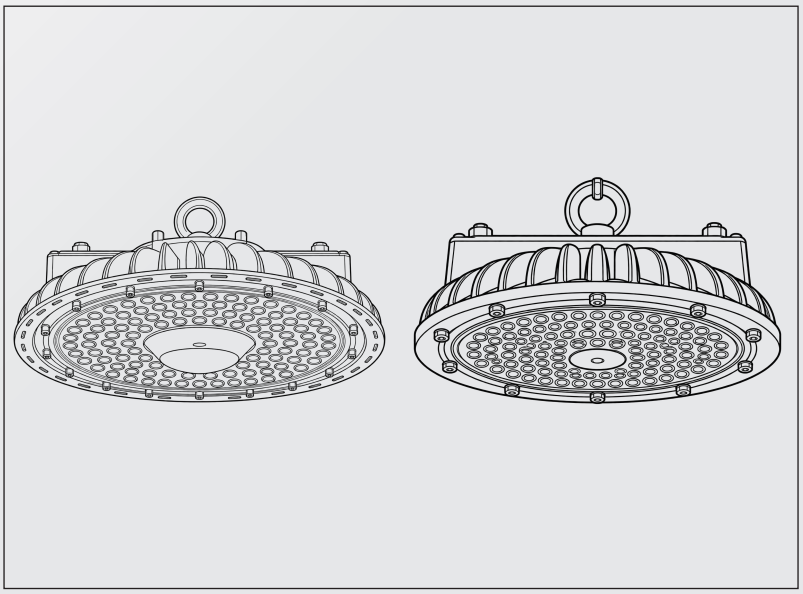


OptoSmart

Round Highbay Light

optosmart.uk





50-180 Watts | 3000K - 6500K | IP65 | IK08 | - + Dali

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	50-180W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	High-bay
Product Name	Round Highbay
Installation Environment	Outdoor
Application Areas	City, Residential Areas , Promenades
Applicable Mounting Setings	Ceilings
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	6000-21600lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Round Highbay	100W	12000lm	3000	>80

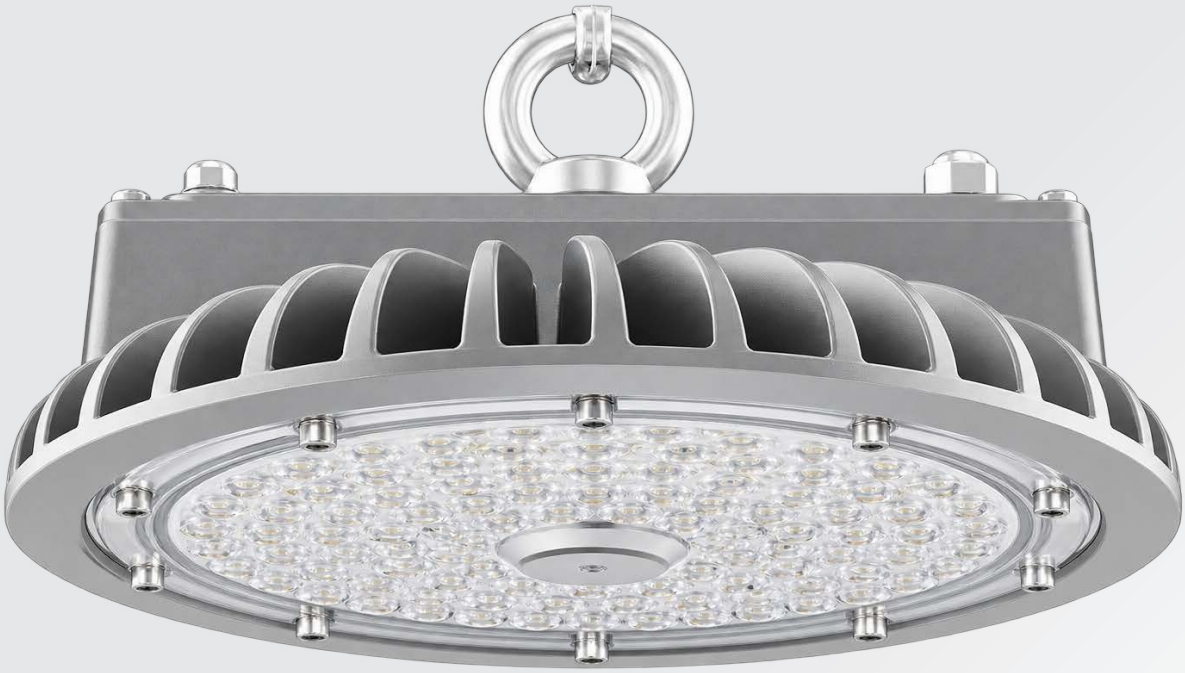
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Round Highbay Light

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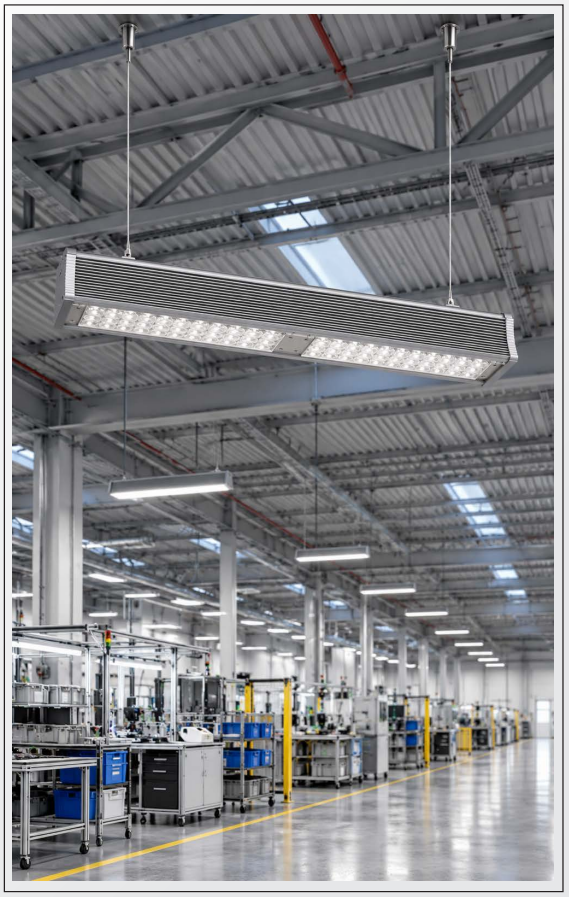


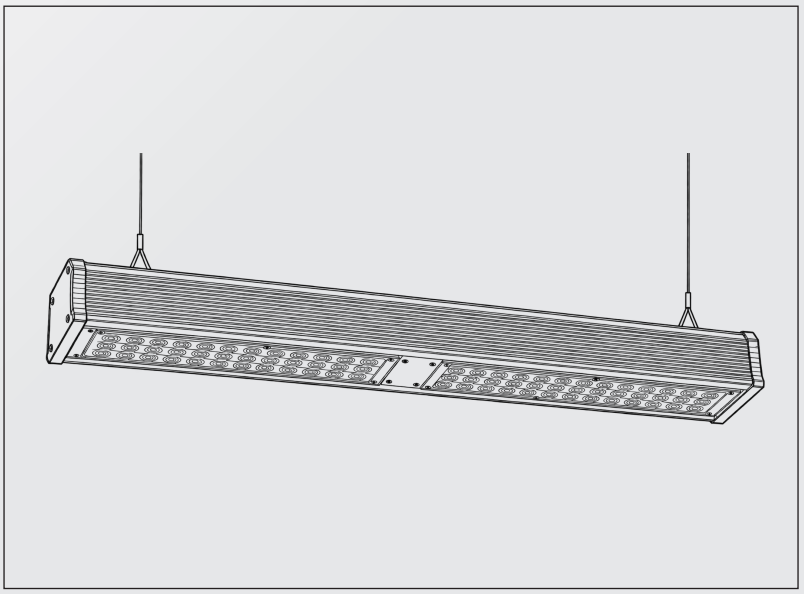


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Mira Linear Light

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25-90 Watts | 3000K - 6500K | IP65 | IK08 | - + Dali

Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	25-90W
Power Factor	>0,9
Current (mA)	400mA - 1500mA
Surge Protection (Optional)	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF DALI Dimable

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, LUMILEDS
LED Chip Type	Power LED/Mid Power LED
LED Driver(s)	Meanwell, OSRAM
Optics	LEDIL
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s) (Optional)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Linear
Product Name	Mira
Installation Environment	Outdoor
Application Areas	City, Residential Areas , Promenades
Applicable Mounting Setings	On Walls
Light Distribution	Asymmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	Yes
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP65
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Asymetrical
Color Rendering Index (CRI)	>80
Luminous Efficiency	120lm/W
Luminaire Luminous Flux	3000-10800lm

Product Configurations

Product	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Mira	30W	3600lm	3000	>80
Mira	60W	7200lm	3000	>80
Mira	90W	10.800lm	3000	>80

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Mira Linear Light

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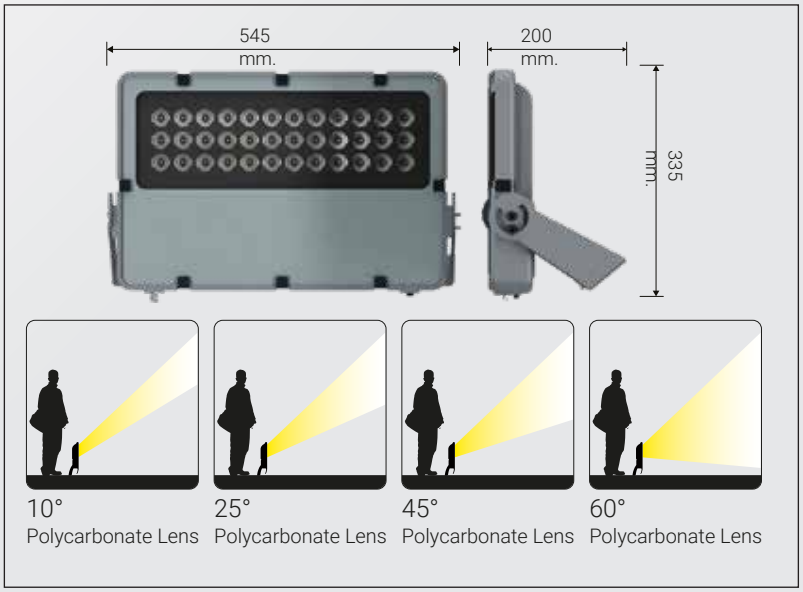


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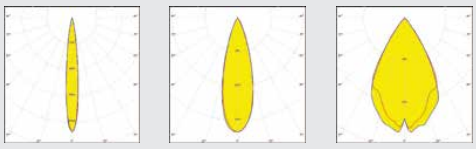
Vega Projector

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150-300 Wats | 3000K - 6500K | IP66 | IK08



Electrical Details

Input Voltage (V)	220 - 240 VAC
Frequency (Hz)	50/60 Hz
Power Consumption (W)	150W - 300W
Power Factor	>0,9
Current (mA)	400mA - 750mA
Surge Protection	4kV, Internal
Electrical Installation Grade	Class I
Control Option	ON/OFF

Electric and Electronic Components

Printed Circuit Board(s) (PCBs)	FR4, 1,60mm Aluminum Board
LED Chip(s)	Cree, Samsung, LUMILEDS
LED Chip Type	Power LED
LED Chip Count	128 pcs
LED Driver(s)	Meanwell, OSRAM
Optics	.....
Anti-glare	Diffuser
Cable(s)	2x0,75mm TTR(H05VV-F) 3x1,50mm TTR(H07RN-F)
Connector(s)	3 Pin Solder I Type Female-Male Waterproof

Product Datasheet

Product Description

Product Type	Projector
Product Name	Vega
Installation Environment	Outdoor
Application Areas	Stadiums, Sports Facilities
Applicable Mounting Setings	Bracket / Cage
Light Distribution	Asymmetrical / Symmetrical

Mechanical Details

Luminaire Housing	Aluminum Body
Base Body	Aluminum Body
Heatsink	Aluminum Injection
Anchor Plate	.....
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Pre-coating	.....
Final Coating	Electrostatic Powder Coating
Coating Color Options	Customized (RAL Catalouge)
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08

Optical Details

Beam Angle	Diffused
Color Rendering Index (CRI)	>80
Luminous Efficiency	105 - 160 lm/W
Luminaire Luminous Flux	15750 lm - 31500 lm

Product Configurations

H 1m.	Power (W)	Luminous Flux (Lm)	Color Tempeture (K)	CRI
Vega	150W	15750lm.	3000	>80
Vega	250W	26250lm.	3000	>80
Vega	300W	31500lm.	3000	>80

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Vega Projector

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