Apache

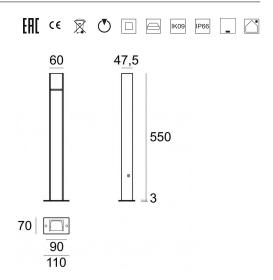


Bollard & Pole | 220-240 V 4 topLED 7 W DC - 9 W AC | CRI 80 64253N00





Type Bollard Installation position Floor Installation environment Outdoor Light Source LED Circuit structure topLED Optics Asymmetric 180' Light emission direction downward Nominal power 7 W DC Total Power 9 W Source lumens 1087 Im Nominal input voltage 220 - 240 V AC Input voltage range 220 - 240 V AC Frequency 50 - 60 Hz CCT / Tone 4000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IKO9 Glow wire test 850° Direct mounting on normally flammable surfaces Yes Driver included Driver Dirmable article No Directional No Tilting No Walk-over No Cable included No Resin potting Mo Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Technical data	
Installation position Installation environment Cutdoor Light Source Circuit structure Optics Asymmetric 180' Coptics C	Designer	Studio RIGO
Installation environment Light Source Circuit structure Optics Asymmetric 180' downward Nominal power Total Power Source lumens Nominal input voltage Input voltage range 220 - 240 V AC Input voltage range 220 - 240 V AC Input voltage range 200 - 240 V AC Input voltage range 201 - 240 V AC Input voltage range 202 - 240 V AC Input voltage range 203 - 240 V AC Input voltage range 204 V AC Input voltage range 205 - 240 V AC Input voltage range 207 - 240 V AC Input voltage range 208 - 240 V AC Input voltage range 209 - 240 V AC Input voltage range 200 - 240 V AC Input	Туре	Bollard
Light Source LED Circuit structure topLED Optics Asymmetric 180° Light emission direction downward Nominal power 7 W DC Total Power 9 W Source lumens 1087 Im Nominal input voltage 220 - 240 V AC Input voltage range 220 - 240 V AC Frequency 50 - 60 Hz CCT / Tone 4000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IKO9 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver No Directional No Directional No Driver No Driver-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,7	Installation position	Floor
Circuit structure topLED Optics Asymmetric 180° Light emission direction downward Nominal power 7 W DC Total Power 9 W Source lumens 1087 Im Nominal input voltage 220 - 240 V AC Input voltage range 220 - 240 V AC Frequency 50 - 60 Hz CCT / Tone 4000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver Driver Dimmable article No Directional No Vall No Driver-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharg	Installation environment	Outdoor
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Light emission direction downward Nominal power 7 W DC Total Power 9 W Source lumens 1087 lm Nominal input voltage 220 - 240 V AC Input voltage range 220 - 240 V AC Frequency 50 - 60 Hz CCT / Tone 4000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Circuit structure	topLED
Nominal power 7 W DC Total Power 9 W Source lumens 1087 lm Nominal input voltage 220 - 240 V AC Input voltage range 220 - 240 V AC Frequency 50 - 60 Hz CCT / Tone 4000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Optics	Asymmetric 180°
Total Power 9 W Source lumens 1087 lm Nominal input voltage 220 - 240 V AC Input voltage range 220 - 240 V AC Frequency 50 - 60 Hz CCT / Tone 4000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Light emission direction	downward
Source lumens 1087 lm Nominal input voltage 220 - 240 V AC Input voltage range 220 - 240 V AC Frequency 50 - 60 Hz CCT / Tone 4000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Nominal power	7 W DC
Nominal input voltage	Total Power	9 W
Input voltage range	Source lumens	1087 lm
Frequency 50 - 60 Hz CCT / Tone 4000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Nominal input voltage	220 - 240 V AC
CCT / Tone 4000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Input voltage range	220 - 240 V AC
Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Frequency	50 - 60 Hz
C.C. / C.V. AC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	CCT / Tone	4000 K
Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Colour rendering index	80 Ra
IP	C.C. / C.V.	AC
IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Safety class	2
Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	IP	IP66
Direct mounting on normally flammable surfaces CE Yes Driver Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Type of light emission Net weight Lype of leght emission Lype of leght emission Net weight Lype of leght emission Net weight Lype of leght emission Lype	IK	IK09
CE Yes Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Glow wire test	850°
Driver included Driver Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Direct mounting on normally flammable surfaces	Yes
Dimmable article No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	CE	Yes
Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Driver included	Driver
Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Dimmable article	No
Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Directional	No
Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Tilting	No
Cable included No Resin potting No Type of light emission Single emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Walk-over	No
Resin potting Type of light emission Net weight Single emission 1,73 Kg Electrostatic discharge protection Single emission 4 KV	Drive-over	No
Type of light emission Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Cable included	No
Net weight 1,73 Kg Electrostatic discharge protection 4 KV	Resin potting	No
Electrostatic discharge protection 4 KV	Type of light emission	Single emission
	Net weight	1,73 Kg
Surge protection 0,5 KV	Electrostatic discharge protection	4 KV
	Surge protection	0,5 KV



Finishing casing	9	
Material	Aluminium 6060 - Aluminium 6060	
Colour	grey RAL 7021 - Grey Open pore anodizing + Powder Coating - Open pore	
Processing		
Finishing diffus	er	
Material	UV Resistant Polycarbonate	
Colour	opaline	
Finishing base		

Finishing base	
Material	Galvanised Iron
Colour	Grey
Processing	Powder coating

Apache



Bollard & Pole | 220-240 V | 4 topLED 7 W DC - 9 W AC | CRI 80 | Base **64253N00**

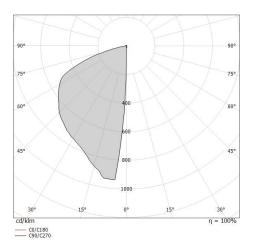
Single emission bollard & pole for outdoor application. The natural white LED light source with a asymmetric 180° light distribution is composed of 4 powerled LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1087 lm, with a 155.3 lm/W nominal luminous efficacy.

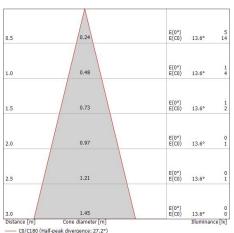
The device body is made of aluminium 6060 and features a grey ral 7021 finish, processed by means of open pore anodizing + powder coating. The device body is made of aluminium 6060 and features a grey finish, processed by means of open pore anodizing + powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP66;

The total absorbed power is 9 W.

The device features protection class II and can be floor-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.





Energy efficiency class

This product contains a light source of energy efficiency class D.

Illuminotechnical Features	
Light Output Ratio (LOR)	49 %
Source lumens	1087 lm
Delivered lumens	534 lm
Consumption	9 W
Luminaire efficacy	59 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

L70 B20 C10 108000h (at Tj 65 Ta 25)

OPTICAL	
C0/C180 optics	27°
Light distribution simmetry	Asymmetrical

Apache



Apache | Bollard & Pole | Accessories 64253N00



installation position: floor, Cover material: aisi 304 steel

Code

64210