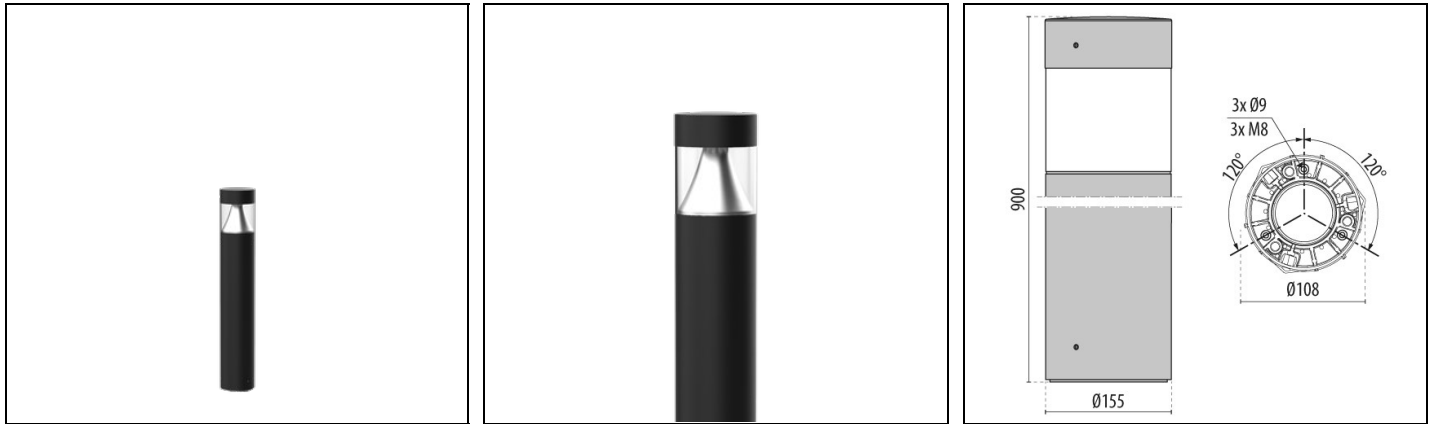


KHA TECH 9 C/EW

Part number 3114004



Description

Series of bollards, comprising:

- Extruded aluminium housing profile, powder-coated
- UV stabilised transparent polycarbonate diffuser
- UV and heat stabilised high-transparency polycarbonate optics. The optical unit compartment features superior heat dissipation and IK10-rated impact resistance grating specific light distributions
- Aluminium heat sink
- Anti-ageing custom moulded silicone sealing gasket(s)
- Technopolymer electrical gearbox
- IP68-rated, loop-through, technopolymer box (WATER-STOP), connected with factory pre-wired H07RN-F cable to the luminaire, for cables Ø 7 - 13.5 mm
- Stainless steel locking hardware
- Die-cast aluminium floor mount base polyester powder coat finish prior chemical surface conversion
- AISI 304 stainless steel sheet metal sturdy bases for floor mounting are available as accessories. For purpose illumination: promoting safe navigation through campuses, car parks and public spaces
- Concrete installation fixing rods are available as accessories. Compatible with standard die-cast aluminium and optional stainless steel heavy use (HU) baseplates
- Design by SILVIA PAOLA PENNACCHIO
- Design by SILVIA PAOLA PENNACCHIO

To maintain the regular updating of our products, PERFORMANCE IN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

Product data

ETIM Group:	EG000027	ETIM Class:	EC000301
-------------	----------	-------------	----------

General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	2172	Luminaire lumen output [lm]:	1587
Luminaire wattage [W]:	15 W	Luminous efficacy [lm/W]:	106
CRI:	80	Colour temperature [K]:	4000
Colour / Finishing:	BK-81 / Black / Textured	IP degree of protection:	IP66
Impact resistance / impact energy:	IK10 24J xxg	Protection class:	II
Optic:	C/EW - Circular Extra-Wide	Net weight [kg]:	7.4
Overall diameter [mm]:	155	Overall height [mm]:	900

Mechanical features

Shape:	Round $\leq$ 150 mm	Housing material:	Aluminium
Diffuser material:	Plastic	Glow wire test [°C]:	650 °C
Frontal exposed area [m²]:	0.14	Lateral exposed area [m²]:	0.14
Top exposed area [m²]:	0.02		

Electrical features

Voltage type:	AC	Input voltage [V AC]:	220/240
Input frequency [Hz]:	220-240V 0/50/60Hz	Power factor / COS Φ :	>0.9
Inrush current [A/ μ s]:	26 / 180	C10 1.5 mm²:	29
C16 2.5 mm²:	46	B10 1.5 mm²:	10
B16 2.5 mm²:	28		

Installation

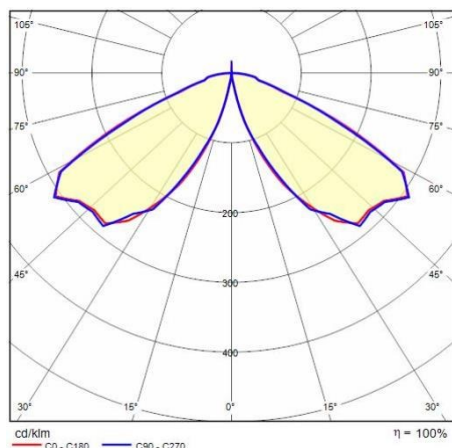
Application area:	Outdoor lighting	Mounting type:	Bollard and column
Min. ambient temperature [°C]:	-25	Max. ambient temperature [°C]:	50
Min. distance from lighted object [m]:	0.50		

Light features

MacAdam:	5	Lumen maintenance:	L90B10@100000h
Distribution of light emission:	Direct	Luminous Intensity Class:	G*6
Zero light pollution (ULR - 0%):		IPEA* (road lighting):	A++
IPEA* (large areas, roundabouts):	A++	IPEA* (cycle-pedestrian):	A++
IPEA* (green areas):	A++	IPEA* (historic city centers):	A5+

To maintain the regular updating of our products, PERFORMANCE IN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

Photometric data



Optional accessories

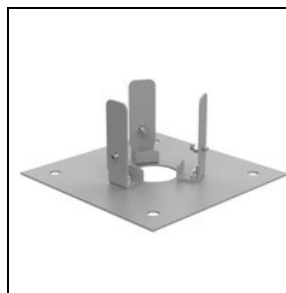
KHA TECH



3114401

AISI 316 stainless steel floor installation base

INOX / Stainless steel



3114402

AISI 316 stainless steel floor installation base

INOX / Stainless steel



14049320

Concrete mounting adaptor with stainless steel plate and galvanised steel rods

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>