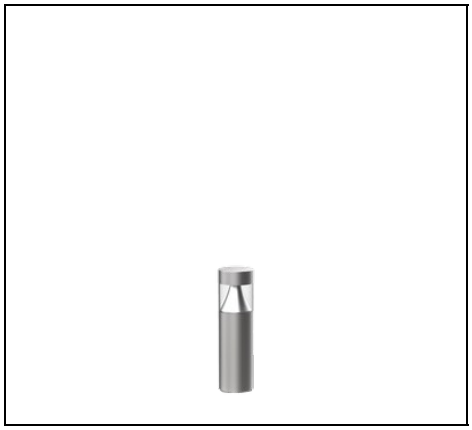
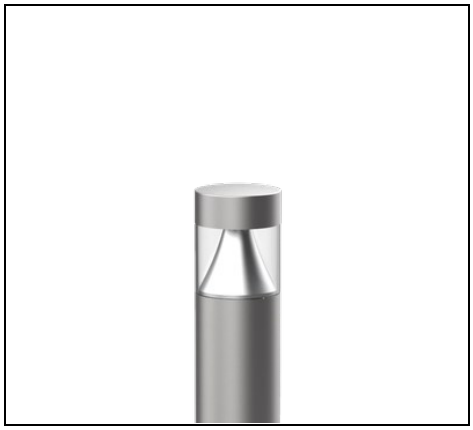
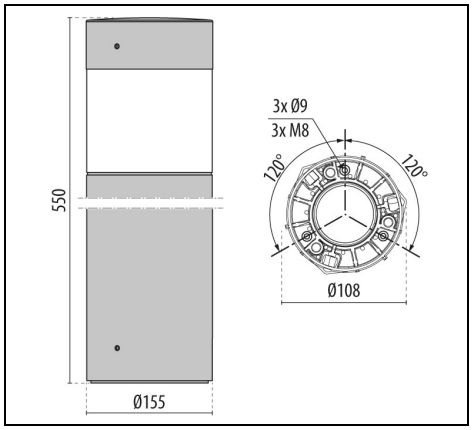
KHA TECH 5 C/EW

Part number 3114013







Description

Series of bollards, comprising:
- Electropolished AISI 316 stainless steel body and top-cap ISO 9223 (CX)
- 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 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

info.it@pil.lighting
www.performanceinlighting.com

Product data

ETIM Group:	EG000027	**ETIM Class:**	EC000301

General information

Lampholder:	LED	**Light source:**	LED
Lightsource lumen output [lm]:	2100	**Luminaire lumen output [lm]:**	1508
Luminaire wattage [W]:	15 W	**Luminous efficacy [lm/W]:**	101
CRI:	80	**Colour temperature [K]:**	3000
Colour / Finishing:	INOX / Stainless steel / Matt	**IP degree of protection:**	IP66
Impact resistance / impact energy:	IK10 24J xx9	**Protection class:**	II
Optic:	C/EW - Circular Extra-Wide	**Net weight [kg]:**	6.2
Overall diameter [mm]:	155	**Overall height [mm]:**	550

Mechanical features

Shape:	Round ≤ 150 mm	**Housing material:**	Aluminium
Diffuser material:	Plastic	**Glow wire test [°C]:**	650 °C
Frontal exposed area [m²]:	0.09	**Lateral exposed area [m²]:**	0.09
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/µs]:	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

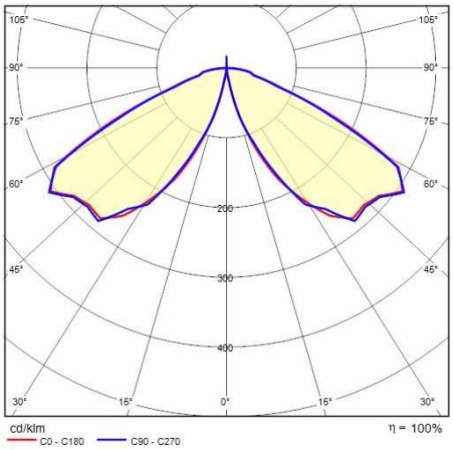
MacAdam:	5	**Lumen maintenance:**	L90B10@100000h
Distribution of light emission:	Direct	**Luminous Intensity Class:**	G*6
Zero light pollution (ULR = 0%):		**IPEA* (road lighting):**	A+
IPEA* (large areas, roundabouts):	A++	**IPEA* (cycle-pedestrian):**	A+
IPEA* (green areas):	A+	**IPEA* (historic city centers):**	A4+

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 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

info.it@pil.lighting
www.performanceinlighting.com

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 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

info.it@pil.lighting
www.performanceinlighting.com