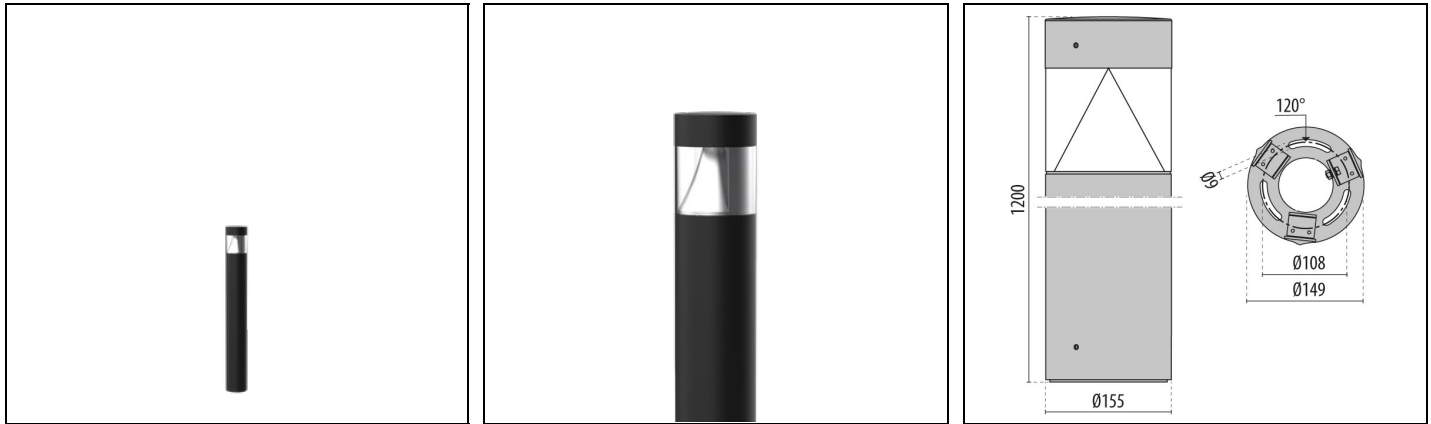


KHA CITY 12 A/M

Part number 3113974



Description

Series of lighting columns, comprising:

- Electropolished AISI 316 stainless steel or aluminium body and top-cap polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5) depending on versions
- 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
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM)
- IP68-rated, loop-through, technopolymer box (WATER-STOP), connected with factory pre-wired Ho7RN-F cable to the luminaire, for cables Ø 7 - 13.5 mm
- Stainless steel locking hardware
- Floor mounting AISI 304 stainless steel flange plate
- Concrete installation fixing rods are available as accessories (ordered separately)
- Floor mounting stainless steel flange plate to match prefabricated plinths (Base FR) available as accessory for KHA CITY 12 and KHA CITY 12 COMFORT (ordered separately)

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]:	2900	Luminaire lumen output [lm]:	1538
Luminaire wattage [W]:	20 W	Luminous efficacy [lm/W]:	77
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:	A55/M - Asymmetric Medium	Beam angle:	51
Net weight [kg]:	7.4	Overall diameter [mm]:	155
Overall height [mm]:	1200		

Mechanical features

Shape:	Round ≤ 150 mm	Housing material:	Aluminium
Diffuser material:	Plastic	Glow wire test [°C]:	650 °C
Frontal exposed area [m²]:	0.19	Lateral exposed area [m²]:	0.19
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
Surge protection Common [kV]:	10.000000	Surge protection Differential [kV]:	10.000000
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:	L80B10@130000h
Distribution of light emission:	Direct	Luminous Intensity Class:	G*6
Zero light pollution (ULR = 0%):		IPEA* (road lighting):	B

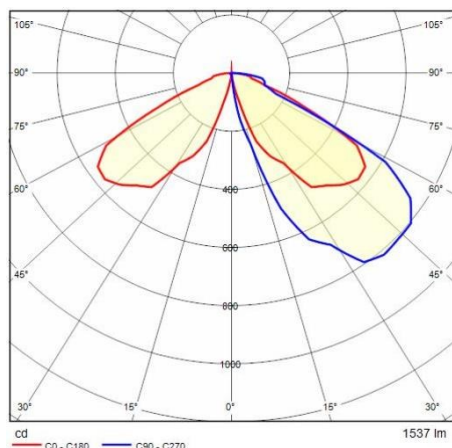
To maintain the regular updating of our products, PERFORMANCE IN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs 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>

IPEA* (large areas, roundabouts):	B
IPEA* (green areas):	B

IPEA* (cycle-pedestrian):	B
IPEA* (historic city centers):	A+

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 CITY 12



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>