

# KHA 5 LED C/EW

Part number 06061096



## Description

Luminaire for indoor and outdoor floor mount, 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
- Extra pure polished aluminium reflector
- Anti-ageing custom moulded silicone sealing gasket(s)
- Technopolymer connection box with automatic fuse holder to facilitate power connection
- LED versions are manufactured with high performance LED arrays
- Anodised extruded aluminium profile for correct dissipation of the LED light source
- Stainless steel locking hardware
- Technopolymer electrical gearbox
- Concrete installation fixing rods are available as accessories (ordered separately)
- Anti-tear cable gland for through-wiring available as accessory
- Die-cast aluminium floor mount base polyester powder coat finish prior chemical surface conversion
- Design by SILVIA PAOLA PENNACCHIO
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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](http://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
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## General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	2448	Luminaire lumen output [lm]:	1357
Luminaire wattage [W]:	19 W	Luminous efficacy [lm/W]:	71
CRI:	80	Colour temperature [K]:	4000
Colour / Finishing:	AN-g6 / Anthracite gray / Textured	IP degree of protection:	IP66
Impact resistance / impact energy:	IK10 24J xx9	Protection class:	II
Optic:	C/EW - Circular Extra-Wide	Net weight [kg]:	4.68
Overall diameter [mm]:	155	Overall height [mm]:	550

## Mechanical features

Shape:	Round $\leq$ 150 mm	Housing material:	Aluminium
Diffuser material:	Plastic	Glow wire test [°C]:	650 °C

## Electrical features

Voltage type:	AC	Input voltage [V AC]:	220/240
Input frequency [Hz]:	50/60	Power factor / COS $\Phi$ :	0.6
Inrush current [A/ $\mu$ s]:	25 / 150	C10 1.5 mm <sup>2</sup> :	24
C16 2.5 mm <sup>2</sup> :	40	B10 1.5 mm <sup>2</sup> :	14
B16 2.5 mm <sup>2</sup> :	24		

## Installation

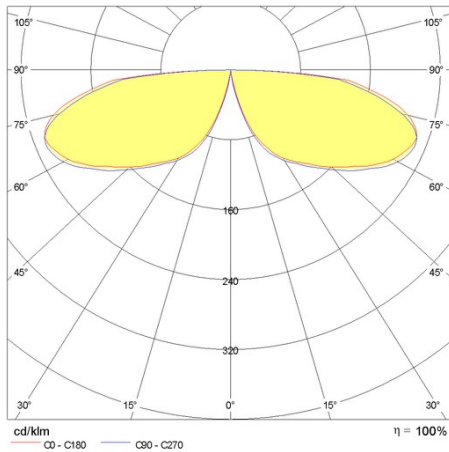
Application area:	Outdoor lighting	Mounting type:	Bollard and column
Min. ambient temperature [°C]:	-20	Max. ambient temperature [°C]:	30

## Light features

MacAdam:	3	Lumen maintenance:	L80B10@50000h
Distribution of light emission:	Direct	Luminous Intensity Class:	G*1
Zero light pollution (ULR = 0%):		IPEA* (large areas, roundabouts):	B
IPEA* (cycle-pedestrian):	C	IPEA* (green areas):	C
IPEA* (historic city centers):	A		

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## Photometric data



## Optional accessories

### KHA



#### 14049720

Internal aluminium cowl limits horizontal light output to 200°



#### 14049320

Concrete mounting adaptor with stainless steel plate and galvanised steel rods



#### 14002384

PG 13.5 anti-tearing cable gland for through wiring connection