

**KLOU**180



### LUMINAIRE

- Body in die-cast aluminum alloy with low copper content (EN 47100).
- Pole in extruded aluminum alloy with low copper content (AL6060).
- QUALICOAT2 validated multi-stage painting process tested in salt spray according to ISO 9227 for aggressive environments of class C4. On request, resistance class C5.
- Gaskets in silicone rubber with controlled hardness, stabilized against UV rays.
- External screws in AISI 316 stainless steel chemically passivated to contrast galvanic corrosion. Color of the screws combined with the color of the fixture for better aesthetic coordination.
- Integrated LED drivers equipped with protection against overtemperatures and mains spikes or surges both in common and differential mode.
- UV rays stabilized, 850°C glow wire test resistant, V2 self-extinguishing clear polycarbonate screen.
- High quality LED sources mounted on metal-based modules for better thermal load management and characterized according to LM-80 methodology for longevity and IES TM-30 for colorimetric characteristics. High color consistency <3SDCM, for guaranteed long life, in compliance with installation requirements, for more than 60,000 hours with parameters L80B20.
- Appliance built in compliance with EN 60598-1 and EN 60598-2-1 standards, complete with CE marking in compliance with EU directives.

### INSTALLATION

- Bollard installation.
- Die-cast aluminium base (EN 47100) for ground anchoring for rawlplugs.
- Supplied with power cable.

Different accessories to be ordered separately.

STANDARD PRODUCT		AVAILABLE OPTIONS	
Wiring	ON/OFF <b>(A)</b>	ON/OFF-E <b>(G)</b> , DALI <b>(B)</b>	
CCT	4000K <b>(-840)</b> = CRI 80 / CCT 4000)	3000K <b>(-830)</b> = CRI 80 / CCT 3000)	
Colour	● <b>16</b> Grey (similar to RAL 7024)	● <b>21</b> Aluminium (similar to RAL 9006)	



📍 Parking Area - Dubai, United Arab Emirates

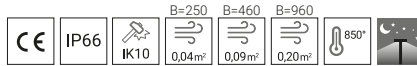
# KLOU<sub>180</sub>

## CLASSIC - ONEWAY Grey Optics

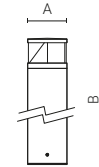


### STANDARD COLOUR

● 16



### DIMENSIONS



Code	Optic	Luminaire		CRI	CCT	Class	Wiring	Power Supply	A mm	B mm	C mm
		Watt	Lumen								
0871035A-840-16	one way	20W	1050lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	250	-
0871034A-840-16	one way	20W	1050lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	460	-
0871033A-840-16*	one way	20W	1050lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	960	-

The **photo** represents the family product range. You can see the correct image of each product (code) on the website.

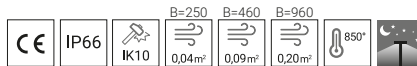
\*On request, available with on/off-emergency wiring with integrated 3-hour battery.

## CLASSIC - RADIAL Grey Optics

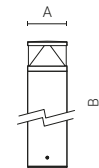


### STANDARD COLOUR

● 16



### DIMENSIONS

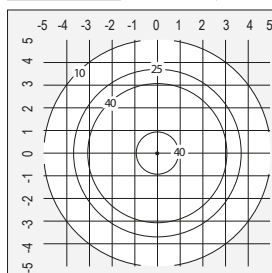
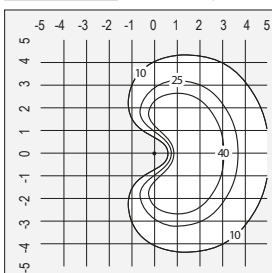
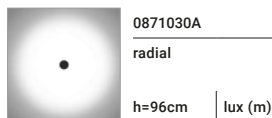
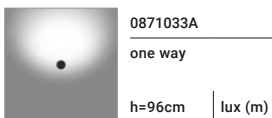


Code	Optic	Luminaire		CRI	CCT	Class	Wiring	Power Supply	A mm	B mm	C mm
		Watt	Lumen								
0871032A-840-16	radial	20W	1950lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	250	-
0871031A-840-16	radial	20W	1950lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	460	-
0871030A-840-16*	radial	20W	1950lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	960	-

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\*On request, available with on/off-emergency wiring with integrated 3-hour battery.

## LIGHTING DATA



LED driver included.

 Available on request: versions with Smart Function

# KLOU<sub>180</sub>

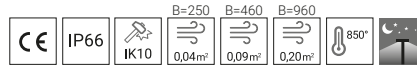
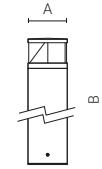
## CLASSIC - ONEWAY Black Optics



### STANDARD COLOUR



### DIMENSIONS



Code	Optic	Luminaire		CRI	CCT	Class	Wiring	Power Supply	A mm	B mm	C mm
		Watt	Lumen								
0871025A-840-16	one way	20W	600lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	250	-
0871024A-840-16	one way	20W	600lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	460	-
0871023A-840-16*	one way	20W	600lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	960	-

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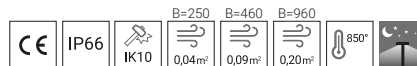
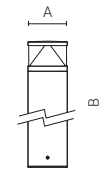
## CLASSIC - RADIAL Black Optics



### STANDARD COLOUR



### DIMENSIONS

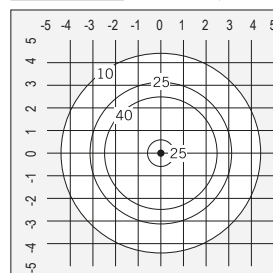
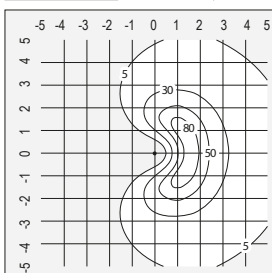
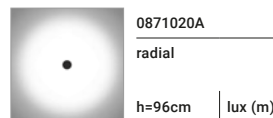
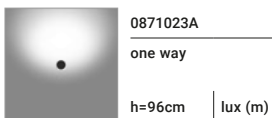


Code	Optic	Luminaire		CRI	CCT	Class	Wiring	Power Supply	A mm	B mm	C mm
		Watt	Lumen								
0871022A-840-16	radial	20W	1160lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	250	-
0871021A-840-16	radial	20W	1160lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	460	-
0871020A-840-16*	radial	20W	1160lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	960	-

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## LIGHTING DATA



LED driver included.

 Available on request: versions with Smart Function



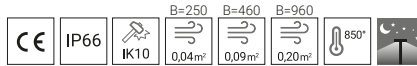
# KLOU<sub>180</sub>

## COMFORT - ONEWAY

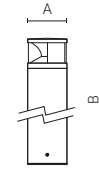


### STANDARD COLOUR

● 16



### DIMENSIONS



Code	Optic	Luminaire		CRI	CCT	Class	Wiring	Power Supply	A mm	B mm	C mm
		Watt	Lumen								
0871055A-840-16	one way	10W	400lm	80	4000K	□	ON/OFF	220-240V 50/60Hz	182	250	-
0871054A-840-16	one way	10W	400lm	80	4000K	□	ON/OFF	220-240V 50/60Hz	182	460	-
0871053A-840-16*	one way	10W	400lm	80	4000K	□	ON/OFF	220-240V 50/60Hz	182	960	-

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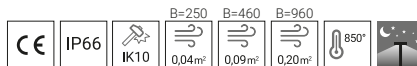
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## COMFORT - RADIAL

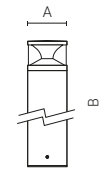


### STANDARD COLOUR

● 16



### DIMENSIONS

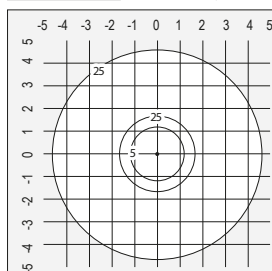
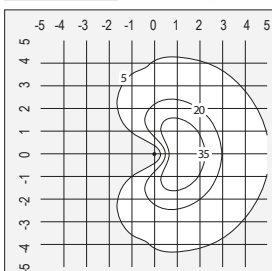
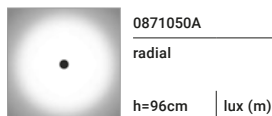
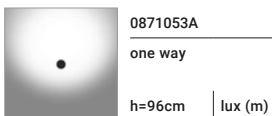


Code	Optic	Luminaire		CRI	CCT	Class	Wiring	Power Supply	A mm	B mm	C mm
		Watt	Lumen								
0871052A-840-16	radial	20W	1050lm	80	4000K	□	ON/OFF	220-240V 50/60Hz	182	250	-
0871051A-840-16	radial	20W	1050lm	80	4000K	□	ON/OFF	220-240V 50/60Hz	182	460	-
0871050A-840-16*	radial	20W	1050lm	80	4000K	□	ON/OFF	220-240V 50/60Hz	182	960	-

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## LIGHTING DATA



LED driver included.

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📍 Boxeur des Rues Outlet - Milan, Italy

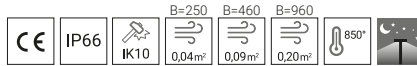
# KLOU<sub>180</sub>

## SHORT - ONEWAY

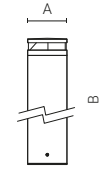


### STANDARD COLOUR

● 16



### DIMENSIONS



Code	Optic	Luminaire		CRI	CCT	Class	Wiring	Power Supply	A mm	B mm	C mm
		Watt	Lumen								
0871045A-840-16	one way	10W	720lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	190	-
0871044A-840-16	one way	10W	720lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	400	-
0871043A-840-16*	one way	10W	720lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	900	-

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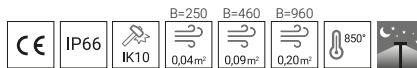
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## SHORT - RADIAL

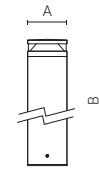


### STANDARD COLOUR

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### DIMENSIONS

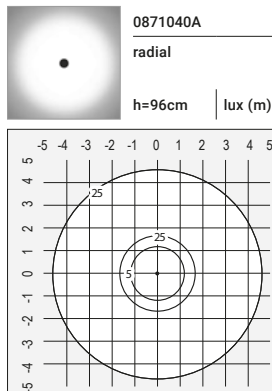
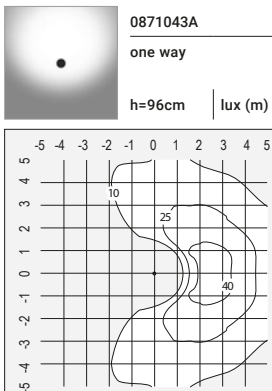


Code	Optic	Luminaire		CRI	CCT	Class	Wiring	Power Supply	A mm	B mm	C mm
		Watt	Lumen								
0871042A-840-16	radial	20W	1450lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	190	-
0871041A-840-16	radial	20W	1450lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	400	-
0871040A-840-16*	radial	20W	1450lm	80	4000K	☐	ON/OFF	220-240V 50/60Hz	182	900	-

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## LIGHTING DATA



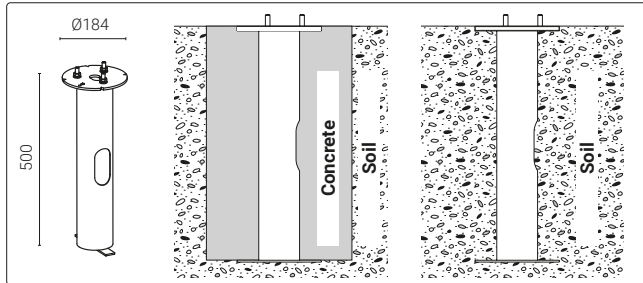
LED driver included.

 Available on request: versions with Smart Function



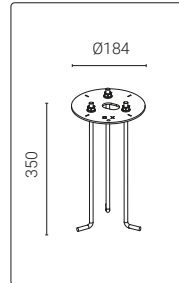
# KLOU180

## ACCESSORIES



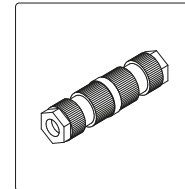
Code	Kg
<b>1099092X</b>	5,00

Zinc-coated steel pillar.



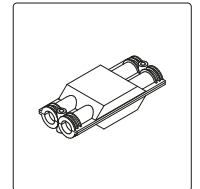
Code	Kg
<b>1099398X-16</b>	1,40

Galvanized and painted steel base plate with galvanized steel stud bolts.



Code	Kg
<b>1099408X</b>	0,03

IP68 linear joint - 2 ways - 2 poles.



Code	Kg
<b>1099259X</b>	0,05

Junction box IP68 - 4 ways - 2/3 poles.



📍 Cambridge Science Park - Cambridge, United Kingdom