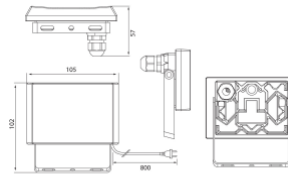# IP44 10W/840 800lm BK

Floodlight

<p>Modern and compact, the Airflood led floodlight is designed for safe and practical lighting of yards, storehouses, traffic routes and car parks. With its edgeless design, the floodlight looks perfect on many different buildings, and the front panel sheds a pleasantly uniform light. Each floodlight has an adjustable lighting angle. You can choose a black or a white model. The floodlights have a plug coupling and a rubber cable. Models with sensor also available.</p>

Airflood Floodlight 10W 4000K 800lm Beam angle Extreme wide beam >80°; No dim; IP44; IK08; Protection cl. I; L70B50 25000h; LED not exchangeable; CRI>80; Ending; 3x1mm²; Housing al; Colour bk; Cover Plastic, opal

IP44 10W/840 800lm BK			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4547200	A5AIRA	0.3	Airflood

IP44 10W/840 800lm BK

EC001744

Mounting

Degree of protection (IP)	IP44
Suitable for ceiling mounting	No
Luminaire may be covered with thermally insulating material	blank
Suitable for pedestal/floor mounting	No
Suitable for traverse mounting	No
Suitable for surface mounting	Yes
Impact strength	IK08
Suitable for clamp-mounting	No
Suitable for light-track mounting	No
Suitable for built-in mounting	No
Fit for monitor workplace	No
Connection type	Other
Suitable for suspended mounting	No
Number of poles	3
Conductor cross section (mm²)	1
Type of wiring	Ending
Suitable for low voltage cable system	No
Suitable for wall mounting	Yes

Structure

With lamp	Yes
Colour housing	Black
Material housing	Aluminium
Material cover	Plastic, opal
Lamp type	LED not exchangeable
Suitable for number of lamps	1
Lamp holder	Other
Adjustability	Swivelling
Control gear included	No
Reflector	White
Surface brushed	No
Filament test according to IEC 60695-2-11	650 °C - 30 s
Energy efficiency class of the built-in lamp	Other
Emergency power supply integrated	No

Dimming and control

With movement sensor	No
With light sensor	No
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI-2	No
Dimming DALI	No
Dimming DMX	No
Dimming potentiometer (integrated)	No
Dimming GPRS	No
Dimming LineSwitch	No
Dimming manufacturer's proprietary system	No
Dimming mains voltage modulation	No
Dimming phase cut-off	No
Dimming phase cut-on	No
Dimming programmable	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	No
No dimming function	Yes
Dimming depending on control gear	No
Dimming DSI	No

Photometric data

Luminous flux (min) (lm)	800
Colour temperature (min) (K)	4000
Beam angle	Extreme wide beam >80°
Colour rendering index CRI	80-89
Effective luminous flux (lm)	800
Colour of light (alphanumeric)	White
Colour temperature (max) (K)	4000
Luminous flux (max) (lm)	800
Colour consistency (McAdam ellipse)	SDCM6
Photobiological safety according to EN 62471	RG1
Light distributor	Diffuser lens/optic/panel
Unified Glare Rating (UGR)	24
Colour temperature switchable	No

Lifetime and capacity

Rated life time L70/B50 at 25 °C	25000
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	-20
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	40

Measurements

Length (mm)	70
Width (mm)	105
Height/depth (mm)	102

Electrotechnical data

Voltage type	AC
Nominal voltage (min) (V)	220
Protection class	I
Suitable for lamp power (min) (W)	10
Maximum system power (W)	10
Nominal voltage (max) (V)	240
Suitable for lamp power (max) (W)	10
Total harmonic distortion	20
LED nominal current at constant current (min) (mA)	0.05
Luminaire efficacy (lm/W)	80
Power factor	0.9