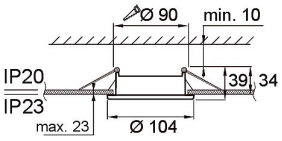
Planex



IP23 GX53 LED 5W/830 WH

Downlight

Low heat dissipation and a very low and light structure enable the Planex to be used in different types of ceiling structures and furnitures. The luminaire is easy to install and chain. It is available with or without an LED bulb. Dimmable bulbs and bulbs of different colour temperatures are separately available for it.





Planex Downlight 5W 3000K 480lm Beam angle Extreme wide beam >80°; No dim; IP23; Protection cl. II; L70B50 15000h; LED exchangeable; Lamp included; CRI>80; SDCM6; Suitable for through wiring; 3x2.5mm²; Housing Plastic; Colour wh; Cover None; C16 max. 80

Stocked: Yes

IP23 GX53 LED 5W/830 WH

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4107124	4107124	0.164	Planex

IP23 GX53 LED 5W/830 WH

EC001744 Downlight / spot luminaire / floodlight

Mounting	
Suitable for surface mounting	No
Suitable for recessed mounting	Yes
Suitable for wall mounting	No
Suitable for suspended mounting	No
Suitable for ceiling mounting	Yes
Suitable for traverse mounting	No
Suitable for pedestal/floor mounting	No
Suitable for light-track mounting	No
Suitable for clamp-mounting	No
Suitable for low voltage cable system	No
Degree of protection (IP)	IP23
Degree of protection (IP), rear side	IP20
Degree of protection (IP), front side	IP23
Emergency function monitoring system	None
Type of wiring	Suitable for through wiring
Number of poles	3
Conductor cross section (mm²)	2.5 mm²
Connectable conductor cross section (min) (mm²)	1 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
Connection type	Screwless terminal
Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24	No
Max. number of luminaires per miniature circuit breaker B16	50
Max. number of luminaires per miniature circuit breaker C16	80
Fit for workplace acc. EN 12464-1	No
Luminaire may be covered with thermally insulating material	No

Structure	
Adjustability	Not adjustable
Lamp type	LED exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	GX53
Housing material	Plastic
Surface protection	Plastic-coated
Housing colour	White
Cover material	None
Surface brushed	No
Control gear included	No
Exchangeable control gear	No
Reflector	None
Energy efficiency class of light source according to EU regulation 2019/2015	Not required
Containing product according to 2019/2020/EU	No
Emergency power supply system	None
Emergency power supply integrated	No
Filament test according to IEC 60695-2-11	650 °C - 30 s

Dimming and control	
With movement sensor	No
With presence indicator	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 DSI	No
Dimming potentiometer (integrated)	No
Dimming LineSwitch	No
Dimming manufacturer's proprietary system	No
Dimming mains voltage modulation	No
Dimming trailing edge	No
Dimming leading edge	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
Constant luminous flux control	No
IFTTT support available	No
Compatible with Apple HomeKit	No
Bluetooth operated	No
Compatible with Google Assistant	No
Compatible with Casambi	No
Compatible with Amazon Alexa	No

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Type of control gear	Not required
Protection class according to IEC 61140	II
Suitable for lamp power (min) (W)	5 W
Suitable for lamp power (max) (W)	5 W
Maximum system power (W)	5 W
Luminaire efficacy (min) (lm/W)	94 lm/W
Luminaire efficacy (max) (lm/W)	94 lm/W
Power factor	0.5
Luminaire efficacy (lm/W)	94 lm/W

Photometric data	
Light distributor	None
Light sharing	Symmetric
Beam angle	Extreme wide beam >80°
Light outlet	Direct
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	3000 K
Colour temperature (max) (K)	3000 K
Colour temperature switchable	No
Colour rendering index (CRI/Ra)	80-89
Luminous flux (min) (lm)	480 lm
Luminous flux (max) (lm)	480 lm
Effective luminous flux (lm)	480 lm
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	480 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	480 lm
Lumen setting adjustable	No
Flickering value Pst LM	1
Beam angle adjustable	No
Stroboscope effect value SVM	0.4
Colour consistency (McAdam ellipse)	SDCM6

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	15000 h
Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	5 %
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	0 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	25 °C

Measurements	
Length (mm)	104 mm
Width (mm)	104 mm
Height/depth (mm)	39 mm
Outer diameter (mm)	104 mm
Built-in length (mm)	90 mm
Built-in width (mm)	90 mm
Built-in height/depth (mm)	34 mm
Installation height (min) (mm)	2000 mm
Installation height (max) (mm)	4000 mm
Recess diameter (min) (mm)	90 mm
Recess diameter (max) (mm)	90 mm