

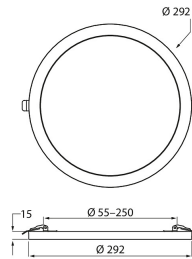


# Flex Multi

## IP20 16W 830/840/865 DIM WH

Downlight

Flex Multi is a dimmable panel luminaire that is suitable for dry spaces in residences and public properties. Lightweight surface or semi-flush mounting. Before installation, choose the temperature of the light out of three options: 3000 K, 4000 K or 6500 K. The advantages of the Flex Multi series are both the very thin build and the adjustable spring mounting, which allows the luminaire to fit into almost any pre-made recess (55-250 mm) depending on the size of the product. The adjustability of the slot combined with the thin frame makes this light fixture the perfect choice for renovation sites. Available in three different sizes and wattages. PIR model also available.



IP20 16W 830/840/865 DIM WH			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
9610521	A7GALN	0.7	Flex Multi

Mounting	
Suitable for surface mounting	Yes
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)	IP20
Impact strength	IK03
Type of wiring	Ending
Number of poles	2
Conductor cross section (mm <sup>2</sup> )	0.75
Connectable conductor cross section (min) (mm <sup>2</sup> )	1.5
Connectable conductor cross section (max) (mm <sup>2</sup> )	2.5
Connection type	Other
Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24	No
Max. number of luminaires per miniature circuit breaker B16	30
Max. number of luminaires per miniature circuit breaker C16	46
Fit for workplace acc. EN 12464-1	No
Luminaire may be covered with thermally insulating material	No
Quantity of luminaires for MCB C16:	40
Quantity of luminaires for MCB B16:	61

Structure	
Adjustability	Not adjustable
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Plastic
Surface protection	Plastic-coated
Housing colour	White
Cover material	Plastic, opal
Surface brushed	No
Control gear included	Yes
Exchangeable control gear	Yes
Reflector	White
Energy efficiency class of light source according to EU regulation 2019/2015	F
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 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	Yes
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	No
Constant luminous flux control	No
IFTTT support available	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No

Photometric data	
Light distributor	Diffuser lens/optic/panel
Light sharing	Symmetric
Beam angle	Extreme wide beam >80°
Light outlet	Direct
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	3000
Colour temperature (max) (K)	6500
Colour temperature switchable	Discrete positions
Colour rendering index (CRI/Ra)	80-89
Luminous flux (min) (lm)	1500
Luminous flux (max) (lm)	1500
Effective luminous flux (lm)	1500
Lumen setting adjustable	No
Beam angle adjustable	No
Photobiological safety according to EN 62471	RG0
Colour consistency (McAdam ellipse)	SDCM5
Unified Glare Rating (UGR)	22

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	30000
Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	80
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	70
Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	5
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	10
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	0
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	25

Measurements	
Length (mm)	292
Width (mm)	292
Height/depth (mm)	15
Outer diameter (mm)	292
Recess diameter (min) (mm)	55
Recess diameter (max) (mm)	250

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220
Nominal voltage (max) (V)	240
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	II
Suitable for lamp power (min) (W)	16
Suitable for lamp power (max) (W)	16
Maximum system power (W)	16
Power factor	0.9
Luminaire efficacy (lm/W)	94