

LED Recessed Luminaire , squareFFECT 95 white 15W 30° 1800-16000/RGB CRI90 TB40023.00.56.53



MASTERDATA

Item type	Product
GTIN	4062029105629
Manufacturer number	TB40023.00.56.53
Model	SQUAREFFECT 95
Content unit	Piece
Order unit	Piece
Content quantity	1 Piece
Price quantity	1
Min. order quantity	1 Piece
Order step	1 Piece
Country of origin	at
Customs tariff number	94051098

DESCRIPTION

Small LED downlight for sophisticated biorhythmic lighting solutions. Compact design with low recessing height. High efficiency due to integrated high-polish reflectors. Evenly light mix, and uniform light distribution. Colour temperature automatically alongside the Planck curve. Individual selection at all RGB colours within the PI-LED colour space. Colour tolerance 4 SDCM, constantly high energy efficiency from warmwhite to coolwhite. UGR < 19 for Spot 30°. Lumen maintenance after 50.000h L80/B10. Temperature monitoring with automatic dimfunction. HCL ready - preprogrammed automatic daylight sequence. Separate, dimmable control gear. PI LED NeoLink/ZigBee. CCT range depends on the type of the control. 5 Years warranty.

FEATURES

ETIM-7.0: Downlight/spot/floodlight (EC001744)

Suitable for surface mounting	No
Suitable for built-in 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
Adjustability	Not adjustable
With movement sensor	No
With light sensor	No
Lamp type	LED not exchangeable
With light source	Yes
Suitable for number of lamps	-
Lamp holder	None
Material housing	Aluminium
Surface protection	Powder coating

Data sheet for item TB40023.00.56.53

Colour housing	White
Material cover	Plastic, structured
Surface brushed	Yes
Voltage type	AC
Nominal voltage	220 - 240 V
LED nominal current at constant current	-
Type of control gear	LED operating device voltage-controlled
Control gear included	Yes
Dimming depending on control gear	No
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	No
Dimming DMX	No
Dimming DSI	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	Yes
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	Yes
Dimming with push-button	No
No dim function	No
Reflector	High-gloss
Light distributor	Reflector
Light sharing	Symmetric
Beam angle	Medium beam 21-40°

Data sheet for item TB40023.00.56.53

Light outlet	Direct
Energy efficiency class of the built-in lamp	A++, A+, A (LED)
Energy efficiency class of the provided exchangeable built-in lamp	-
Highest energy efficiency class of the exchangeable lamp	-
Lowest energy efficiency class of the exchangeable lamp	-
Power supply energy efficiency index (EEI)	-
Total harmonic distortion	-
Rated life time L70/B10 at 25 °C	-
Rated life time L70/B50 at 25 °C	-
Rated life time L80/B10 at 25 °C	50000 h
Rated life time L80/B50 at 25 °C	-
Rated life time L90/B10 at 25 °C	-
Rated life time L90/B50 at 25 °C	-
Degree of protection (IP)	IP30
Degree of protection (NEMA)	-
Impact strength	-
Protection class	II
Rated ambient temperature acc. IEC62722-2-1	10 - 35 °C
Suitable for lamp power	-
Max. system power	15 W
Colour of light	Multi colour
Colour temperature	1800 - 16000 K
Colour rendering index CRI	90-100
Luminous flux	870 - 870 lm
Rated luminous flux acc. IEC 62722-2-1	-
Lamp efficacy	-
Luminous intensity	-
Power factor	0.5
Width	95 mm
Height/depth	-

Length	95 mm
Outer diameter	-
Built-in width	-
Built-in height/depth	130 mm
Built-in length	-
Built-in diameter	90 mm
Type of wiring	Ending
Number of poles	-
Conductor cross section	-
Connectable conductor cross section	-
Connection type	Other
Luminaire with limited surface temperature, sign "D"	No
Luminaire efficacy	58 lm/W
Fit for monitor workplace acc. EN 12464-1	Yes
Covering of the luminaire with thermally insulating material possible	No
Filament test according to IEC 60695-2-11	None
Photobiological safety according to EN 62471	-
Colour consistency (McAdam ellipse)	SDCM4

RELATED ITEMS

Accessory



AA1100157
Wall Control recessed for FFECT Program
AA1100157



AA1100158

Wall Control recessed for FFECT Program

AA1100158



AA1100159

Wall Control recessed for FFECT Program

AA1100159



AA1100160

Wall Control recessed for FFECT Program

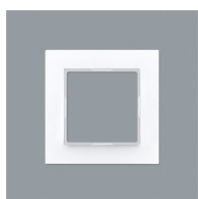
AA1100160



AA1100161

Central Plate with Rotary Knob for FFECT Program

AA1100161



AA1100162

Single Surface Frame for FFECT Program

AA1100162



AA1100163

Double Surface Frame for FFECT Program

AA1100163



AA1100155

NeoLink Box and App for FFECT Program

AA1100155



AA1100156

USB Stick myPI-LED for FFECT Program

AA1100156



AA1100164

DALI CDC for FFECT Program

AA1100164



AA1100165

DALI Sequencer for FFECT Program

AA1100165



AA1100166
USB Stick + Interface Module for FFECT Program
AA1100166



AA1100167
DALI PS1 for FFECT Program
AA1100167



AA1100168
DALI PS2 for FFECT Program
AA1100168



AA1100170
DALI Touch Panel for FFECT Program
AA1100170



AA1100169

DALI Display 7" for FFECT Program

AA1100169