

PRODUCT NO. 2814-350045

DOTLUX LED continuous-row lighting system LINEAclick 50W 5000K narrow-beam dimmable DALI
Made in Germany



to the product page

- Continued use of your existing mounting rail system
- Installation without mechanical intervention in the trunking system with heat-resistant neodymium
- magnetic holders incl. safety cable
- Independent, integrated cable system with quick connectors
- Optimized transmittance of the patented LINEAclick lens from DOTLUX®
- Shadow-free light distribution thanks to innovative lens design
- Perfect cooling of the LED module thanks to aluminum core board
- LM80-certified LEDs with 40% current
- Suitable for central battery (only DALI article no. 2814-350045 and 2813-450160)

PRODUCT GROUP EC002892_Decken-/Wandleuchte

SUCCESSION ARTICLE -
PREDECESSOR ARTICLE 2814

WEIGHT IN KG 2.455
POWER CONSUMPTION IN WATTS 50
NET LUMINOUS FLUX IN LUMENS 8500
LUMEN PER WATT 170

Dimensions

length: 1530mm
width: 73mm
height: 61mm

BEAM ANGLE 45
PROTECTION CLASS (IP) IP40
LIGHT COLOR white
INPUT VOLTAGE 176 - 240 AC/DC
SERVICE LIFE approx. 100,000 h at 25°C
COLOR TEMPERATURE IN KELVIN 5000
COLOR-RENDERING-INDEX CRI > 83
POWER FACTOR 0,98
INRUSH CURRENT IN A 0
LUMEN PER WATT 170
PROTECTION CLASS I
VOLTAGE TYPE AC/DC
HOUSING COLOUR Aluminium
SUITED FOR EMERGENCY LIGHTING No
SWITCH CYCLES > 200.000
WARRANTY IN YEARS 7
L80/B10 100000
RATED CURRENT 2,9
SUITABLE FOR SURFACE MOUNTING Yes
SUITABLE FOR MOUNTING No
ASSORTMENT Proline
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015 not required

LIFETIME L80/B10 AT 25°C	100000
LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	200000
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	No
SUITABLE FOR SUSPENDED MOUNTING	No
SUITABLE FOR CEILING MOUNTING	Yes
SUITABLE FOR LIGHT LINE CONFIGURATION	Yes
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	No
SUITABLE FOR NUMBER OF LIGHT SOURCES	1
LAMP HOLDER	-
MATERIAL COVER	Plastic, transparent
TYPE OF GRID	-
TYPE OF CONTROL GEAR	LED operating device current-controlled
WITH CONTROL GEAR	Yes
DIMMING 0-10 V	No
DIMMING 1-10 V	No
DIMMING DALI	Yes
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 PHASE CUT-OFF	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
DIMMING DEPENDING ON CONTROL GEAR	Yes
NO DIM FUNCTION	No
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24	Yes
SUITABLE FOR EMERGENCY LIGHTING	No
WITH MOVEMENT SENSOR	No
WITH LIGHT SENSOR	No
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	No
WITH AIR SLOTS	No
CONNECTION TYPE	Bus
OPERATION BY BLUETOOTH	No
COMPATIBLE WITH CASAMBI	No
COMPATIBLE WITH APPLE HOMEKIT	No
COMPATIBLE WITH GOOGLE ASSISTANT	No
COMPATIBLE WITH AMAZON ALEXA	No
IFTTT SUPPORT AVAILABLE	No

EXCHANGEABLE CONTROL GEAR	No
SUITABLE FOR LAMP POWER IN W	50
LAMP TYPE	LED exchangeable
EMERGENCY POWER SUPPLY INTEGRATED	No
DIMMING DALI-2	Yes
DIMMING PHASE CUT-ON	No
DIMMING GPRS	No
LIFETIME L70/B50 AT 25°C	200000
LIFETIME L90/B10 AT 25°C	50000
PULSE DURATION IN µS	0
BEG FUNDING	only relevant in Germany
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	C
ELDAS-NR.	941600149
Dimension Length in mm	
DIAMETER IN MM	0
MAX. SYSTEM POWER IN W	50
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	-20-50
ABMESSUNGEN BREITE MM	73
ABMESSUNGEN HÖHE MM	61
NOMINAL VOLTAGE IN V	230
MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16	27
MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16	60
LIGHT OUTLET	Direct
COLOUR OF LIGHT ADJUSTABLE	No
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
LIGHT SHARING	Symmetric
LIGHT DISTRIBUTOR	Other
BEAM ANGLE	Wide beam 41-80°
SURFACE PROTECTION HOUSING	Other