

PRODUCT NO. 4945-040045

**DOTLUX LINEAcompact 50W narrow-beam LED trunking system 1452mm 4000K non-dimmable**



to the product page

- Innovative continuous-row lighting concept with 1-length lighting units for quick and easy installation
- All units are supplied fully assembled and only need to be plugged together
- Flexible phase selection directly on the luminaire
- Utility model-protected LED cover ensures error-free installation
- High-quality aluminum core board guarantees perfect cooling and therefore a long service life of the LM80-certified LEDs
- Future-proof with replaceable LED module and separate driver
- Self-supporting system, therefore no separate mounting rail required

**PRODUCT GROUP** EC002892\_Decken-/Wandleuchte

**SUCCESSION ARTICLE** -

**WEIGHT IN KG** 2.5  
**POWER CONSUMPTION IN WATTS** 50  
**NET LUMINOUS FLUX IN LUMENS** 8350  
**LUMEN PER WATT** 167

**Dimensions**

**length:** 1452mm  
**width:** 66mm  
**height:** 63mm

**BEAM ANGLE** 45  
**PROTECTION CLASS (IP)** IP54  
**LIGHT COLOR** white  
**INPUT VOLTAGE** 176 - 240 AC/DC  
**SERVICE LIFE** approx. 100,000 h at 25°C  
**COLOR TEMPERATURE IN KELVIN** 4000  
**COLOR-RENDERING-INDEX** CRI > 82  
**POWER FACTOR** 0,97  
**INRUSH CURRENT IN A** 0  
**LUMEN PER WATT** 167  
**PROTECTION CLASS** I  
**VOLTAGE TYPE** AC  
**HOUSING COLOUR** Aluminium  
**SUITED FOR EMERGENCY LIGHTING** yes  
**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

<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	200000
<b>WITH ILLUMINANT</b>	Yes
<b>SUITABLE FOR WALL MOUNTING</b>	No
<b>SUITABLE FOR SUSPENDED MOUNTING</b>	Yes
<b>SUITABLE FOR CEILING MOUNTING</b>	Yes
<b>SUITABLE FOR LIGHT LINE CONFIGURATION</b>	Yes
<b>SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1</b>	No
<b>SUITABLE FOR NUMBER OF LIGHT SOURCES</b>	1
<b>LAMP HOLDER</b>	-
<b>MATERIAL COVER</b>	Plastic, transparent
<b>TYPE OF CONTROL GEAR</b>	LED operating device current-controlled
<b>WITH CONTROL GEAR</b>	Yes
<b>DIMMING 0-10 V</b>	No
<b>DIMMING 1-10 V</b>	No
<b>DIMMING DALI</b>	No
<b>DIMMING DMX</b>	No
<b>DIMMING DSI</b>	No
<b>DIMMING POTENTIOMETER (INTEGRATED)</b>	No
<b>DIMMING LINESWITCH</b>	No
<b>DIMMING MANUFACTURER'S PROPRIETARY SYSTEM</b>	No
<b>DIMMING MAINS VOLTAGE MODULATION</b>	No
<b>DIMMING PHASE CUT-OFF</b>	No
<b>DIMMING PROGRAMMABLE</b>	No
<b>DIMMING RF</b>	No
<b>DIMMING SINE WAVE REDUCTION</b>	No
<b>DIMMING TOUCH AND DIM</b>	No
<b>DIMMING ZIGBEE</b>	No
<b>DIMMING WITH PUSH-BUTTON</b>	No
<b>DIMMING DEPENDING ON CONTROL GEAR</b>	Yes
<b>NO DIM FUNCTION</b>	Yes
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24</b>	Yes
<b>SUITABLE FOR EMERGENCY LIGHTING</b>	Yes
<b>WITH MOVEMENT SENSOR</b>	No
<b>WITH LIGHT SENSOR</b>	No
<b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b>	No
<b>WITH AIR SLOTS</b>	No
<b>CONNECTION TYPE</b>	Push-in clamp
<b>OPERATION BY BLUETOOTH</b>	No
<b>COMPATIBLE WITH CASAMBI</b>	No
<b>COMPATIBLE WITH APPLE HOMEKIT</b>	No
<b>COMPATIBLE WITH GOOGLE ASSISTANT</b>	No
<b>COMPATIBLE WITH AMAZON ALEXA</b>	No
<b>IFTTT SUPPORT AVAILABLE</b>	No
<b>EXCHANGEABLE CONTROL GEAR</b>	Yes
<b>SUITABLE FOR LAMP POWER IN W</b>	50

<b>LAMP TYPE</b>	LED exchangeable
<b>EMERGENCY POWER SUPPLY INTEGRATED</b>	No
<b>DIMMING DALI-2</b>	No
<b>DIMMING PHASE CUT-ON</b>	No
<b>DIMMING GPRS</b>	No
<b>LIFETIME L70/B50 AT 25°C</b>	200000
<b>LIFETIME L90/B10 AT 25°C</b>	50000
<b>PULSE DURATION IN µS</b>	0
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b>	D
<b>ELDAS-NR.</b>	941600549
<b>DIAMETER IN MM</b>	0
<b>MAX. SYSTEM POWER IN W</b>	50
<b>RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C</b>	-20-50
<b>ABMESSUNGEN BREITE MM</b>	66
<b>ABMESSUNGEN HÖHE MM</b>	63
<b>NOMINAL VOLTAGE IN V</b>	230
<b>MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16</b>	27
<b>MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16</b>	46
<b>LIGHT OUTLET</b>	Direct
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No
<b>LUMINOUS FLUX ADJUSTABLE</b>	No
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>LIGHT SHARING</b>	Symmetric
<b>TYPE OF GRID</b>	None
<b>BEAM ANGLE</b>	Wide beam 41-80°
<b>SURFACE PROTECTION HOUSING</b>	Other
<b>LIGHT DISTRIBUTOR</b>	None