

PRODUCT NO. 4757-050140

## DOTLUX LED hall surface luminaire HALLprotect 145W 5000K DALI



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- Particularly easy on the eyes RGO due to larger illuminated area than conventional hall spotlights, therefore also ideal for ball sports
- Fatigue-free, flicker-free light guarantees high-quality HD video recordings
- Ball impact certified aluminum housing with UV-stabilized polycarbonate cover
- Mounting brackets can be freely positioned on the light - existing mounting points on ceiling and wall can still be used
- 5-pole through-wiring at the factory enables fast installation
- DALI version without phase selector switch
- This LED luminaire is suitable for use in food processing plants.
- This allows it to be used in areas that are certified to the International Featured Standard (IFS) or British Retail Consortium (BRC).
- This luminaire features a shatterproof polycarbonate cover, as well as the ability to be and therefore meets the criteria for ball impact resistance in accordance with DIN 18032-3:1997-04 and DIN 57710-13:1981-05.
- The D mark of this luminaire with limited surface temperature is a basic requirement for luminaires in fire hazardous locations (DIN EN 60598-2-24, VDE 0711-2-24)
- This luminaire is flicker-free and therefore also suitable for high-definition television (HD). In addition, the illumination is easy on the eyes of athletes and spectators

<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	140°
<b>PREDECESSOR ARTICLE</b>	3091-550140	<b>PROTECTION CLASS (IP)</b>	IP65
<b>WEIGHT IN KG</b>	3.2	<b>LIGHT COLOR</b>	white
<b>POWER CONSUMPTION IN WATTS</b>	145	<b>INPUT VOLTAGE</b>	220 - 240 V AC
<b>NET LUMINOUS FLUX IN LUMENS</b>	22350	<b>SERVICE LIFE</b>	approx. 50.000 h at 25°C
<b>LUMEN PER WATT</b>	154	<b>COLOR TEMPERATURE IN KELVIN</b>	5000
		<b>COLOR-RENDERING-INDEX</b>	CRI > 82
		<b>POWER FACTOR</b>	0,99
		<b>INRUSH CURRENT IN A</b>	0
		<b>IK PROTECTION</b>	IK08
		<b>LUMEN PER WATT</b>	154
		<b>PROTECTION CLASS</b>	I
		<b>VOLTAGE TYPE</b>	AC
		<b>HOUSING COLOUR</b>	other
		<b>SUITED FOR EMERGENCY LIGHTING</b>	No
		<b>BALLPROOF</b>	yes
		<b>SWITCH CYCLES</b>	> 100.000
		<b>FOOD-READY</b>	Yes
		<b>INPUT VOLTAGE SPAN</b>	220-240 V AC
		<b>WARRANTY IN YEARS</b>	7
		<b>RATED CURRENT</b>	0.46
		<b>SUITABLE FOR SURFACE MOUNTING</b>	No
		<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	220-240 V AC

### Dimensions

**length:** 1500mm  
**width:** 110mm  
**height:** 84mm

ASSORTMENT	Proline
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
ETIM GRUPPEN-ID	EC002892
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	Yes
SUITABLE FOR SUSPENDED MOUNTING	Yes
SUITABLE FOR CEILING MOUNTING	No
SUITABLE FOR LIGHT LINE CONFIGURATION	Yes
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	Yes
LAMP HOLDER	-
MATERIAL COVER	Plastic matt/satinized
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
NO DIM FUNCTION	No
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
IMPACT STRENGTH	IK08
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24	Yes
SUITABLE FOR EMERGENCY LIGHTING	No
WITH MOVEMENT SENSOR	No
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	No
WITH AIR SLOTS	No
FILAMENT TEST ACCORDING TO IEC 60695-2-11	650 °C - 30 s
CONSTANT LIGHT OUTPUT (CLO)	No
PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471	RG0
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	Yes

<b>SUITABLE FOR LAMP POWER IN W</b>	140
<b>LAMP TYPE</b>	LED exchangeable
<b>DIMMING PHASE CUT-ON</b>	No
<b>PULSE DURATION IN µS</b>	0
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE</b>	C
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No
<b>LUMINOUS FLUX ADJUSTABLE</b>	No
<b>LIGHT SHARING</b>	Symmetric
<b>LIGHT OUTLET</b>	Indirect
<b>TYPE OF GRID</b>	None
<b>LIGHT DISTRIBUTOR</b>	Other
<b>SURFACE PROTECTION HOUSING</b>	Other
<b>TYPE OF CONTROL GEAR</b>	Not required
<b>BEAM ANGLE</b>	Open beam/diffuse
<b>DEGREE OF PROTECTION (NEMA)</b>	Other