

PRODUCT NO. 3642-050120FB

**DOTLUX LED indoor spotlight LIGHTSHOWERevo-ball 110W 5000K frosted cover ball-proof dimmable DALI Made in Germany**



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- Rated current of the LEDs is only 38% of the max. current, resulting in extremely high efficiency and above-average life >100,000 h
- Pressure equalization valve extends seal life and prevents condensation inside the luminaire
- Glare control UGR typically <25
- 3-Step MacAdam binning guarantees consistent color temperature
- Aluminum core board for perfect thermal management
- High quality Meanwell® industrial power supply with 6 KV overvoltage protection
- DALI dimmable
- Intelligent, maintenance-friendly product design
- Suitable for central battery
- Ball impact resistant due to satinized 4 mm polycarbonate
- 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 has a cover made of shatterproof polycarbonate as well as the possibility of and therefore fulfills the criteria for ball impact safety according to DIN 18032-3:1997-04 according to DIN 18032-3:1997-04 and DIN 57710-13:1981-05.
- This LED luminaire is suitable for use in food processing plants. Therefore it can also be used in areas which are certified according to the International Featured Standard (IFS) or British Retail Consortium (BRC).
- Sustainable product design through easily replaceable components

<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	120
<b>WEIGHT IN KG</b>	5.33	<b>PROTECTION CLASS (IP)</b>	IP67
<b>POWER CONSUMPTION IN WATTS</b>	110	<b>LIGHT COLOR</b>	white
<b>NET LUMINOUS FLUX IN LUMENS</b>	17800	<b>INPUT VOLTAGE</b>	176 - 240 V AC/DC
<b>LUMEN PER WATT</b>	162	<b>SERVICE LIFE</b>	approx. 80.000 h at 60°C
		<b>COLOR TEMPERATURE IN KELVIN</b>	5000
		<b>COLOR-RENDERING-INDEX</b>	CRI > 85
		<b>POWER FACTOR</b>	0,98
		<b>INRUSH CURRENT IN A</b>	0
<b>Dimensions</b>		<b>IK PROTECTION</b>	IK10
<b>length:</b> 380mm		<b>LUMEN PER WATT</b>	162
<b>width:</b> 380mm		<b>PROTECTION CLASS</b>	I
<b>height:</b> 120mm		<b>VOLTAGE TYPE</b>	AC/DC
<b>diameter:</b> 380mm		<b>HOUSING COLOUR</b>	Aluminium
		<b>BALLPROOF</b>	yes
		<b>SWITCH CYCLES</b>	> 160.000
		<b>FOOD-READY</b>	Yes
		<b>INPUT VOLTAGE SPAN</b>	100-305 V AC / 142-431 V DC
		<b>WARRANTY IN YEARS</b>	7

<b>L80/B10</b>	80000
<b>SUITABLE FOR SURFACE MOUNTING</b>	Yes
<b>SUITABLE FOR MOUNTING</b>	No
<b>DIMMING WITHOUT DIMMER</b>	No
<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	100-305 V AC / 142-431 V DC
<b>ASSORTMENT</b>	Highline
<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
<b>LIFETIME L80/B10 AT 25°C</b>	80000
<b>ETIM GRUPPEN-ID</b>	EC001744
<b>WITH ILLUMINANT</b>	Yes
<b>SUITABLE FOR WALL MOUNTING</b>	Yes
<b>SUITABLE FOR SUSPENDED MOUNTING</b>	Yes
<b>SUITABLE FOR CEILING MOUNTING</b>	Yes
<b>SUITABLE FOR NUMBER OF LIGHT SOURCES</b>	1
<b>LAMP HOLDER</b>	-
<b>MATERIAL COVER</b>	Glass opal
<b>TYPE OF CONTROL GEAR</b>	LED operating device voltage-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>	Yes
<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>	No
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>IMPACT STRENGTH</b>	IK10
<b>LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24</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>CONNECTION TYPE</b>	sonstige Offene Kabelenden
<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>SUITABLE FOR LOW VOLTAGE CABLE SYSTEM</b>	Yes
<b>SUITABLE FOR CLAMP-MOUNTING</b>	No
<b>SUITABLE FOR LIGHT-TRACK MOUNTING</b>	No
<b>SUITABLE FOR PEDESTAL/FLOOR MOUNTING</b>	No
<b>SUITABLE FOR TRAVERSE MOUNTING</b>	No
<b>EXCHANGEABLE CONTROL GEAR</b>	Yes
<b>SUITABLE FOR LAMP POWER IN W</b>	110
<b>LAMP TYPE</b>	LED exchangeable
<b>EMERGENCY POWER SUPPLY INTEGRATED</b>	No
<b>SURFACE BRUSHED</b>	No
<b>DIMMING DALI-2</b>	No
<b>DIMMING PHASE CUT-ON</b>	No
<b>DIMMING GPRS</b>	No
<b>PULSE DURATION IN µS</b>	0
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE</b>	B
<b>LIGHT OUTLET</b>	Direct
<b>TYPE OF WIRING</b>	Suitable for through wiring
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No
<b>LUMINOUS FLUX ADJUSTABLE</b>	No
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>ADJUSTABILITY</b>	Rotatable
<b>LIGHT SHARING</b>	Symmetric
<b>SURFACE PROTECTION</b>	Powder coating
<b>REFLECTOR</b>	None
<b>LIGHT DISTRIBUTOR</b>	None
<b>BEAM ANGLE</b>	Extreme wide beam >80°