

PRODUCT NO. 3641-050120F

**DOTLUX LED hall floodlight LIGHTSHOWERevo-satin 55W 5000K frosted cover 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
- Glare-reduced thanks to satinized 4 mm toughened safety glass "Ultra Clear"
- 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)
- Sustainable product design due to easily replaceable components

<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	120
<b>WEIGHT IN KG</b>	5.2	<b>PROTECTION CLASS (IP)</b>	IP67
<b>POWER CONSUMPTION IN WATTS</b>	55	<b>LIGHT COLOR</b>	white
<b>NET LUMINOUS FLUX IN LUMENS</b>	8900	<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>	0,96
		<b>INRUSH CURRENT IN A</b>	0
		<b>IK PROTECTION</b>	IK08
		<b>LUMEN PER WATT</b>	162
		<b>PROTECTION CLASS</b>	I
		<b>VOLTAGE TYPE</b>	AC/DC
		<b>HOUSING COLOUR</b>	gray
		<b>SUITED FOR EMERGENCY LIGHTING</b>	yes
		<b>SWITCH CYCLES</b>	> 160.000
		<b>INSTALLATION OPENING WIDTH IN MM</b>	120
		<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>Dimensions</b>			
<b>length:</b>	380mm		
<b>width:</b>	380mm		
<b>height:</b>	120mm		
<b>diameter:</b>	380mm		

<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>	ECC01744
<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 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>	IK08
<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>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>	55
<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°