

PRODUCT NO. 5260-050060

DOTLUX LED high bay spotlight COOLER 100W 5000K 60° beam angle



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- Suitable for high temperature environments up to 70°C
- A cold-forged heat sink with 2 times higher thermal conductivity than die-cast ensures optimum heat dissipation.
- Vertical cooling fins prevent dust deposits and ensure long-lasting cooling
- Extremely robust and durable toughened safety glass cover also resists oil and cleaning agents
- The pressure equalization valve extends the service life of the seals and prevents condensation forming in the luminaire
- Modular design for different power spectra
- Glare-reduced UGR<19 for 60° version

PRODUCT GROUP	EC001744_Downlight/Strahler/Flutlicht		
SUCCESSION ARTICLE	-	BEAM ANGLE	60
WEIGHT IN KG	3.91	PROTECTION CLASS (IP)	IP66
POWER CONSUMPTION IN WATTS	100	LIGHT COLOR	white
NET LUMINOUS FLUX IN LUMENS	15300	INPUT VOLTAGE	186 - 240 AC/DC
LUMEN PER WATT	153	SERVICE LIFE	approx. 100,000 h at 25°C
		COLOR TEMPERATURE IN KELVIN	5000
		COLOR-RENDERING-INDEX	CRI > 82
		POWER FACTOR	0,9
Dimensions		INRUSH CURRENT IN A	0
length: 435mm		IK PROTECTION	IK08
height: 220mm		LUMEN PER WATT	153
diameter: 220mm		PROTECTION CLASS	I
width: 220mm		VOLTAGE TYPE	AC
		HOUSING COLOUR	black
		SWITCH CYCLES	> 40.000
		OVERVOLTAGE PROTECTION	up to 10000 V
		INPUT VOLTAGE SPAN	186-240
		WARRANTY IN YEARS	5
		L80/B10	100000
		SUITABLE FOR MOUNTING	No
		INPUT VOLTAGE RANGE LUMINAIRE	186-240
		ASSORTMENT	Highline
		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
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	No
MATERIAL COVER	Glass transparent
TYPE OF CONTROL GEAR	LED operating device current-controlled
WITH CONTROL GEAR	Yes
NO DIM FUNCTION	Yes
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
IMPACT STRENGTH	IK08
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	No
TYPE OF WIRING	Ending
CONNECTION TYPE	-
OPERATION BY BLUETOOTH	No
COMPATIBLE WITH APPLE HOMEKIT	No
COMPATIBLE WITH GOOGLE ASSISTANT	No
COMPATIBLE WITH AMAZON ALEXA	No
EXCHANGEABLE CONTROL GEAR	Yes
LAMP TYPE	LED not exchangeable
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	D
ELDAS-NR.	941371939
Dimension Length in mm	
DIAMETER IN MM	220
MAX. SYSTEM POWER IN W	100
ABMESSUNGEN BREITE MM	220
ABMESSUNGEN HÖHE MM	220
NOMINAL VOLTAGE IN V	230
COLOUR OF LIGHT ADJUSTABLE	No
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
BEAM ANGLE	Wide beam 41-80°