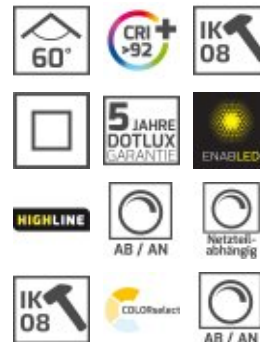


PRODUCT NO. 6650-099060

DOTLUX LED downlight HEATspin 7W 2700/3000/4000K COLORselect incl. power supply unit



to the product page

- 360-degree swivel lens enables flexible light direction.
- Fire-resistant downlight for up to 90 minutes (tested with EN 1365-2:2014 Fire resistance test for load-bearing components - Part 2 ceilings and roofs).
- Suitable for direct mounting on normally flammable surfaces.
- COB LED chip ensures uniform light distribution and high efficiency.
- Distance-free mounting on thermal insulation materials possible.
- Can be dimmed up/down in phases for flexible light control.
- Includes power supply unit with 3-pole quick-connect terminal.
- Similar to RAL9016.
- Coordination with the responsible fire protection inspector is required before the fire protection application.

PRODUCT GROUP

EC001744_Downlight/Strahler/Flutlicht

WEIGHT IN KG	0.2	BEAM ANGLE	60
LUMEN PER WATT	90	PROTECTION CLASS (IP)	other Front IP65 / rear IP20
POWER CONSUMPTION IN WATTS	7	LIGHT COLOR	multicoloured
NET LUMINOUS FLUX IN LUMENS	665	INPUT VOLTAGE	186 - 240 AC/DC
		SERVICE LIFE	approx. 50.000 h at 25°C
			Color temperature in Kelvin
		COLOR-RENDERING-INDEX	CRI > 92
		POWER FACTOR	0,8
		IK PROTECTION	IK08
		LUMEN PER WATT	90
		PROTECTION CLASS	II
		VOLTAGE TYPE	AC
		HOUSING COLOUR	white
		SUITED FOR EMERGENCY LIGHTING	No
		GLARE-FREE	UGR < 25
		INSTALLATION OPENING WIDTH IN MM	68
		INSTALLATION OPENING DIAMETER IN MM	68
		INSTALLATION OPENING LENGTH IN MM	68
		INPUT VOLTAGE SPAN	186-240
		WARRANTY IN YEARS	5
		L80/B10	31900
		RATED CURRENT	0,08
		SUITABLE FOR SURFACE MOUNTING	No
		SUITABLE FOR MOUNTING	Yes

Dimensions

height: 37mm
length: 90mm
diameter: 90mm
width: 90mm

DIMMING WITHOUT DIMMER	No
ENABLED LICENSED PRODUCT	Yes
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	31900
LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	63800
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	No
SUITABLE FOR SUSPENDED MOUNTING	No
SUITABLE FOR CEILING MOUNTING	Yes
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	No
LAMP HOLDER	-
MATERIAL COVER	Plastic, transparent
TYPE OF CONTROL GEAR	LED operating device current- controlled
WITH CONTROL GEAR	Yes
DIMMING 0-10 V	No
DIMMING 1-10 V	No
DIMMING DALI	No
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	Yes
DIMMING PROGRAMMABLE	No
DIMMING RF	No
DIMMING SINE WAVE REDUCTION	No
DIMMING TOUCH AND DIM	No
DIMMING ZIGBEE	No
DIMMING WITH PUSH-BUTTON	No
DIMMING DEPENDING ON CONTROL GEAR	Yes
NO DIM FUNCTION	No
LIGHT DISTRIBUTOR	Refractor lens
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM3
DEGREE OF PROTECTION (NEMA)	2
IMPACT STRENGTH	IK08
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24	No
SUITABLE FOR EMERGENCY LIGHTING	No
WITH MOVEMENT SENSOR	No
WITH LIGHT SENSOR	No
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	Yes
FILAMENT TEST ACCORDING TO IEC 60695-2-11	650 °C - 30 s
CONSTANT LIGHT OUTPUT (CLO)	Yes
TYPE OF WIRING	Ending

CONNECTION TYPE	Push-in clamp
PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471	RG1
COLOUR OF LIGHT ADJUSTABLE	Positions
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
SUITABLE FOR LOW VOLTAGE CABLE SYSTEM	No
SUITABLE FOR LIGHT-TRACK MOUNTING	No
SUITABLE FOR PEDESTAL/FLOOR MOUNTING	No
SUITABLE FOR TRAVERSE MOUNTING	No
EXCHANGEABLE CONTROL GEAR	No
SUITABLE FOR LAMP POWER IN W	7
LAMP TYPE	LED not exchangeable
EMERGENCY POWER SUPPLY INTEGRATED	Yes
SURFACE BRUSHED	No
DIMMING DALI-2	No
DIMMING PHASE CUT-ON	Yes
DIMMING GPRS	No
LIFETIME L70/B50 AT 25°C	63800
LIFETIME L90/B10 AT 25°C	15950
BEG FUNDING	Only relevant in Germany
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	E
ELDAS-NR.	941408079
Dimension Length in mm	
DIAMETER IN MM	90
MAX. SYSTEM POWER IN W	7
LUMINOUS FLUX IN LM	665
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	-20-40
ABMESSUNGEN BREITE MM	90
ABMESSUNGEN HÖHE MM	37
INSTALLATION HEIGHT/DEPTH IN MM	37
NOMINAL VOLTAGE IN V	230
LUMINOUS FLUX ADJUSTABLE	No
LIGHT SHARING	Symmetric
LIGHT OUTLET	Direct/indirect
BEAM ANGLE ADJUSTABLE	Continuously variable
REFLECTOR	High-gloss
ADJUSTABILITY	Rotating and swivelling
SURFACE PROTECTION	Powder coating
BEAM ANGLE	Wide beam 41-80°