

Energy efficiency class scale A++ - E



Voltage: ~230-240V, 50-60Hz

Protection class: IP 66

acc. to DIN EN 60598/VDE 0711

Product description

Parabolic mirror louvre, wide beam, made of high-reflectance specular super-purity aluminium.

Design: Surface-mounted industrial luminaire with IP66 protection rating for ceiling, pendant or trunking mounting.

Stable luminaire housing in die cast aluminium, grey, powder coated, colour similar to RAL7040. RIDI-LED modules formed as linear circuit boards. Panel made of toughened safety glass, structured, fixed to the housing with screws. Max. ambient temperature 45°C at 300mm ceiling clearance (only with ZBS-D-HT ROBUST (0217884) accessory – to be ordered separately).

Safety class I. Impact resistance IK09.

Colour rendering in index Ra ≥ 80 , colour temperature 4000 Kelvin (840)

Electrical versions:

- El. conv.: Electronic converter for LED, 100-240 VAC, 50/60 Hz, 100-250 VDC and internal connecting terminal. Mains cable 3 x 1.0 mm², transparent with open end, length 2 m. Suitable for DC operation and usage in central battery systems.

Mounting: Ceiling surface mounting using suitable accessories. Pendant mounting (chain or wire) using suitable fixing kits. Trunking mounting using suitable accessories.

Note „ball resistant“:

RIDI luminaires with this sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting. They comply with ball-resistant safety requirements according to DIN 18032, part 3 and have been tested for that purpose by the MPA or VDE.

Note on “Food Hygiene Act”:

These luminaires comply with the stipulations of the Food Hygiene Act as defined by Regulation (EC) No. 852/2004 (HACCP) Annex II Chapter I section 2 a, b, Chapter II section 1 c relating to luminaires. These are suitable for use in the food industry.

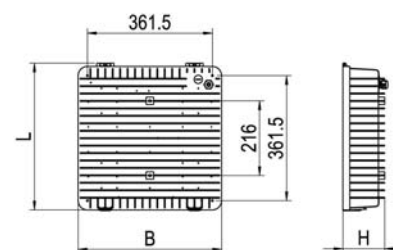
Lamps included: LED-M

Product image



Technical data / dimensions

Dimens. [mm]	
L	425
B	414
H	131
Lamps	4xLED-M 40 W
Weight [kg]	8,8

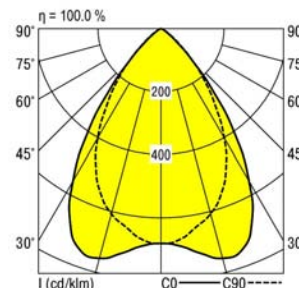


Anzahl Betriebsgeräte	1
Nominal LED life	L80B50
Operating hours [h]	50.000
Ambient temperature t _q [°C]	45*

* Only available with accessory 0217884 (to be ordered separately)

Photometric data

Phi _u [%]	100.0
Phi _o [%]	0.0
LITG/DIN	A 60
UTE	1.00B
Luminaire luminous flux [lm]	23450
Luminaire output [W]	170
Luminaire efficiency [lm/W]	137
Farbortoleranz (initial)	< 3 SDCM
Colour temperature [K]	4000
Colour rendering in index Ra	≥ 80



Glare evaluation according to UGR												
p-Ceiling	70	70	50	50	30	70	70	50	50	30	30	30
p-Walls	50	30	50	30	30	50	30	50	30	30	30	30
p-Floor	20	20	20	20	20	20	20	20	20	20	20	20
Room dimensions		View in C0 direction					View in C90 direction					
X	Y											
2H	2H	21.9	24.3	22.2	24.5	24.8	21.7	24.0	22.0	24.3	24.6	24.6
	3H	21.6	23.9	22.0	24.2	24.6	21.5	23.7	21.8	24.1	24.4	24.4
	4H	21.5	23.7	21.9	24.1	24.4	21.3	23.6	21.7	23.9	24.3	24.3
	6H	21.3	23.5	21.7	23.9	24.3	21.2	23.4	21.6	23.7	24.1	24.1
	8H	21.2	23.4	21.6	23.8	24.2	21.1	23.3	21.5	23.6	24.0	24.0
	12H	21.1	23.3	21.6	23.7	24.1	21.0	23.2	21.4	23.5	23.9	23.9
4H	2H	21.6	23.8	22.0	24.2	24.5	21.4	23.6	21.8	24.0	24.3	24.3
	3H	21.3	23.5	21.7	23.9	24.3	21.1	23.3	21.6	23.7	24.1	24.1
	4H	21.1	23.3	21.6	23.7	24.1	21.0	23.2	21.5	23.6	24.0	24.0
	6H	21.0	23.1	21.4	23.5	24.0	20.8	22.9	21.3	23.4	23.8	23.8
	8H	20.9	23.0	21.4	23.4	23.9	20.8	22.8	21.2	23.3	23.8	23.8
	12H	20.8	22.8	21.3	23.3	23.8	20.6	22.7	21.1	23.2	23.7	23.7
8H	4H	20.9	23.0	21.4	23.4	23.9	20.7	22.8	21.2	23.3	23.7	23.7
	6H	20.7	22.8	21.2	23.2	23.7	20.6	22.6	21.1	23.1	23.6	23.6
	8H	20.6	22.6	21.1	23.1	23.7	20.5	22.5	21.0	23.0	23.5	23.5
	12H	20.5	22.5	21.1	23.0	23.6	20.4	22.4	20.9	22.9	23.4	23.4
12H	4H	20.8	22.8	21.3	23.3	23.8	20.6	22.7	21.1	23.2	23.6	23.6
	6H	20.6	22.6	21.1	23.1	23.6	20.5	22.5	21.0	23.0	23.5	23.5
	8H	20.5	22.5	21.1	23.0	23.6	20.4	22.4	20.9	22.9	23.4	23.4

Corrected glare indices for a total luminous flux of 23450 lm