



Voltage, ~230-240V,50-60HZ
 Protection class: IP 66/IP 68+69K
 acc. to DIN EN 60598/VDE 0711

Product description

Tube made of UV-stabilised impact-resistant PC, transparent.

Colour white

Design: Durable and highly resistant industrial luminaire IP66/68/69K. Tube-shaped luminaire housing made of UV-stabilised impact-resistant PC. Prefitted gear tray, white powder coated, formed as a reflector. Designed to permit toolless fixture of closures at both ends with silicone gaskets for compliance with protection rating. RIDI LED modules fitted with mid-power LEDs for maximum luminaire efficiency. Protection rating IP66/IP68/IP69K, Protection class I.

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

Electrical versions:

- El. conv.: Electronic converter for LED, 220-240 Volt, 0/50-60 Hz and internal connector block 3x2.5mm². Internal through-wiring, 3x1.5mm².

Driver: switchable

Mounting: Luminaire suitable for surface mounting on ceilings or walls using the relevant accessories (must be ordered separately).

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 1c relating to luminaires. These are suitable for use in the food industry.

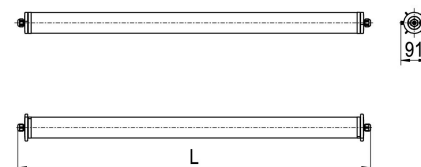
Lamps included: LED-M

Product image



Technical data / dimensions

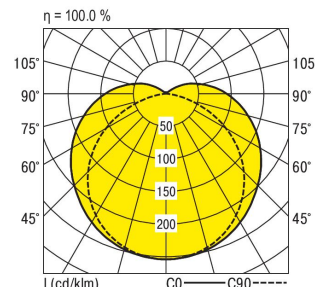
Dimens. [mm]	
L	890
B	91
H	91
Lamps	1xLED-M 21W
Weight [kg]	1,9



Number of drivers	1	Number of drivers on LS B 16A	30
Nominal LED life	L80B50		
Operating hours [h]	50.000		
Ambient temperature tq [°C]	25		

Photometric data

Phi_u [%]	90.0
Phi_o [%]	10.0
LITG/DIN	A 31
UTE	0.90G 0.10T
Luminaire luminous flux [lm]	2710
Luminaire output [W]	23
Luminaire efficiency [lm/W]	117
Standard colour tolerance	< 3 SDCM
Colour temperature [K]	4000
Colour rendering in index Ra	>= 80



	70	70	50	50	30	70	70	50	50	30	
p-Ceiling	50	30	50	30	30	50	30	50	30	30	
p-Walls	20	20	20	20	20	20	20	20	20	20	
p-Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions	View in C0 direction					View in C90 direction					
X	Y										
2H	2H	21.3	23.1	21.5	23.1	23.2	20.3	22.0	20.4	22.1	22.1
	3H	23.4	25.1	23.6	25.2	25.3	21.5	23.1	21.6	23.2	23.3
	4H	24.5	26.1	24.7	26.2	26.3	21.8	23.4	22.0	23.5	23.6
	6H	25.6	27.1	25.8	27.2	27.3	22.0	23.5	22.2	23.6	23.7
	8H	26.1	27.5	26.3	27.7	27.8	22.0	23.4	22.2	23.6	23.7
12H	26.5	28.0	26.8	28.1	28.3	21.9	23.4	22.2	23.5	23.7	
4H	2H	21.9	23.5	22.1	23.6	23.7	21.1	22.6	21.3	22.8	22.9
	3H	24.2	25.6	24.4	25.8	25.9	22.5	23.9	22.7	24.1	24.2
	4H	25.4	26.8	25.7	27.0	27.1	23.0	24.4	23.3	24.5	24.7
	6H	26.6	27.9	26.9	28.1	28.4	23.3	24.6	23.6	24.8	25.0
	8H	27.2	28.5	27.6	28.7	28.9	23.3	24.6	23.6	24.8	25.0
12H	27.8	29.0	28.2	29.2	29.5	23.3	24.5	23.7	24.7	25.0	
8H	4H	25.7	26.9	26.0	27.1	27.3	23.6	24.8	23.9	25.1	25.3
	6H	27.1	28.2	27.5	28.5	28.8	24.2	25.3	24.6	25.6	25.9
	8H	27.9	28.9	28.3	29.2	29.5	24.4	25.4	24.8	25.7	26.0
	12H	28.7	29.6	29.1	29.9	30.3	24.5	25.4	24.9	25.8	26.1
12H	4H	25.6	26.8	26.0	27.1	27.3	23.8	24.9	24.1	25.2	25.4
	6H	27.2	28.2	27.6	28.5	28.8	24.5	25.5	24.9	25.8	26.1
	8H	28.0	29.0	28.4	29.3	29.6	24.8	25.7	25.2	26.1	26.4

Corrected glare indices for a total luminous flux of 2710 lm