

Cup

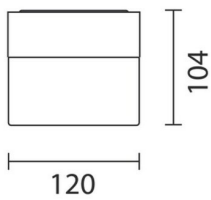
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Product configuration: MQ97

MQ97: surface-mounted - LED lamp - Warm White



Product code

MQ97: surface-mounted - LED lamp - Warm White **Attention! Code no longer in production**

Technical description

Surface-mounted luminaire for diffused lighting with mains voltage LED lamp. Thick pressed glass diffuser. Technical body made of aluminium and steel. Diffuser click-on coupling has a safety system to prevent accidental release of the glass.

Installation

Technical body to be fixed to ceiling with screws and screw anchors.

Colour

White (01) | Grey (15)

Mounting

ceiling surface

Wiring

Quick-coupling manual terminals.

Complies with EN60598-1 and pertinent regulations



850°C

IP20



pending

Technical data

lm system:	689	Colour temperature [K]:	2700
W system:	9.7	Life Time LED 1:	50,000h - L70 (Ta 25°C)
lm source:	850	Ballast losses [W]:	0
W source:	9.7	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	71	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	61	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	81	Number of optical assemblies:	1
CRI (minimum):	80		

Polar

<p>Imax=225 cd 90° 180° 90° 250 0° α = 88°</p>	CIE nL 0.81 52-74-90-91-81 DIN A.41 UTE 0.74E+0.07T F*1=521 F*1+F*2=738 F*1+F*2+F*3=896 CIBSE LG3 L<1500 cd/m² at 65°				Lux			
	h	d	Em	E _{max}	h	d	Em	E _{max}
	1	1.9	161	217				
	2	3.9	40	54				
	3	5.8	18	24				
	4	7.7	10	14				

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	53	45	39	35	43	38	37	31	42
1.0	58	50	44	40	48	43	42	36	48
1.5	65	58	53	49	56	51	50	43	59
2.0	69	64	59	55	61	57	55	49	66
2.5	72	67	63	60	64	61	59	53	72
3.0	74	70	66	63	67	64	61	56	75
4.0	76	73	70	67	70	67	65	59	80
5.0	78	75	72	70	72	70	67	61	83
