Design iGuzzini

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Last information update: October 2024

Product configuration: MU93

MU93: 2 - cell Recessed luminaire - LED - Warm white - Flood optic



73

64x35

2 4

Product code

MU93: 2 - cell Recessed luminaire - LED - Warm white - Flood optic

Technical description

rectangular miniaturised recessed luminaire with 2 optical elements with LED lamps - fixed optics - flood beam angle. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Metallised thermoplastic high definition optics, integrated in a rear position in the black anti-glare screen. Connecting cable supplied. Ballast not included, available with separate code. Warm white high colour rendering LED.

Installation

recessed with steel wire springs for false ceilings from 1 to 20 mm thick - preparation hole 35 x 64

Colour

White (01) | Black / Black (43) | Black / White (47)

Mounting

wall recessed|ceiling recessed

direct current ballasts to be ordered separately: electronic (MXF9) for max. 7 LEDs; 0-10V dimmable (Y360) for max. 18 LEDs; DALI dimmable (BZM4) for max. 20 LEDs (check instructions leaflet for compatible lengths of cables to be used)











Complies with EN60598-1 and pertinent regulations



On the visible part of the product once installed **IP20 IP23**

Technical data					
Im system:	282	CRI (typical):	97		
W system:	4.2	Colour temperature [K]:	2700		
Im source:	340	MacAdam Step:	3		
W source:	4.2	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)		
Luminous efficiency (lm/W,	67.1	Lamp code:	LED		
real value):		Number of lamps for optical	1		
Im in emergency mode:	-	assembly:			
Total light flux at or above	0	ZVEI Code:	LED		
an angle of 90° [Lm]:		Number of optical	1		
Light Output Ratio (L.O.R.)	83	assemblies:			
[%]:		LED current [mA]:	700		
Beam angle [°]:	32°				
CRI (minimum):	95				

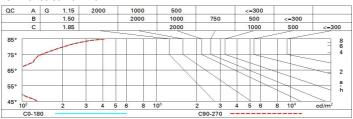
Polar

Imax=946 cd	CIE	Lux			
90° 180°	nL 0.83 90° 100-100-100-100-83 UGR <10-<10	h	d	Em	Emax
	DIN A.61	1	0.6	735	946
1050	UTE 0.83A+0.00T F"1=999	2	1.1	184	237
1030	F"1+F"2=999 F"1+F"2+F"3=1000 CIBSE	3	1.7	82	105
α=32°	LG3 L<1500 cd/m ² at 65 UGR<10 L<1500 cd/mq	@ ₆₅ . 4	2.3	46	59

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	68	65	78
1.0	78	75	72	70	74	72	71	69	83
1.5	82	79	77	76	78	77	76	73	89
2.0	84	83	81	80	81	80	79	77	93
2.5	86	85	84	83	83	82	82	79	96
3.0	87	86	85	85	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	87	87	86	85	83	100

Luminance curve limit



Corre	cted UC	R value	at 340	lm bare	lamp lui	mino us f	lux)				
Rifled	et.:										
ceil/c	av	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls work pl.		0.50 0.20	0.30 0.20	0.50 0.20	0.30	0.30 0.20	0.50 0.20	0.30	0.50	0.30	0.30
								0.20	0.20	0.20	0.20
Room dim		viewed							viewed		
X	У	crosswise					endwise				
2H	2H	-3.3	-2.7	-3.0	-2.5	-2.3	-3.3	-2.7	-3.0	-2.5	-2.3
	ЗН	-3.3	-2.9	-3.0	-2.6	-2.3	-3.4	-2.9	-3.1	-2.6	-2.
	4H	-3.3	-2.9	-3.0	-2.6	-2.3	-3.4	-3.0	-3.1	-2.7	-2.
	бН	-3.3	-2.9	-3.0	-2.6	-2.3	-3.5	-3.1	-3.2	-2.8	-2.5
	HS	-3.3	-2.9	-2.9	-2.6	-2.2	-3.5	-3.2	-3.2	-2.8	-2.5
	12H	-3.2	-2.8	-2.8	-2.5	-2.1	-3.6	-3.2	-3.2	-2.9	-2.5
4H	2H	-3.4	-3.0	-3.1	-2.7	-2.4	-3.3	-2.9	-3.0	-2.6	-2.3
	ЗН	-3.5	-3.1	-3.1	-2.8	-2.4	-3.4	-3.1	-3.1	-2.7	-2.
	4H	-3.5	-3.2	-3.1	-2.8	-2.4	-3.5	-3.2	-3.1	-2.8	-2.
	6H	-3.4	-3.1	-3.0	-2.7	-2.3	-3.5	-3.3	-3.1	-2.9	-2.4
	HS	-3.3	-3.0	-2.8	-2.6	-2.2	-3.6	-3.3	-3.1	-2.9	-2.5
	12H	-3.1	-2.8	-2.6	-2.4	-2.0	-3.6	-3.4	-3.1	-2.9	-2.5
вн	4H	-3.6	-3.3	-3.1	-2.9	-2.5	-3.3	-3.0	-2.8	-2.6	-2.2
	6H	-3.4	-3.2	-2.9	-2.7	-2.2	-3.2	-3.0	-2.8	-2.6	-2.
	HS	-3.2	-3.0	-2.7	-2.5	-2.0	-3.2	-3.0	-2.7	-2.5	-2.0
	12H	-2.8	-2.7	-2.3	-2.2	-1.7	-3.1	-3.0	-2.6	-2.5	-2.0
12H	4H	-3.6	-3.4	-3.1	-2.9	-2.5	-3.1	-2.8	-2.6	-2.4	-2.0
	6H	-3.4	-3.2	-2.9	-2.7	-2.2	-2.9	-2.8	-2.5	-2.3	-1.8
	HS	-3.1	-3.0	-2.6	-2.5	-2.0	-2.8	-2.7	-2.3	-2.2	-1.7
Varia	tions wi	th the ob	serverp	osition	at spacin	ıg:	100				
5 =	1.0H	5.6 / -3.8					5.6 / -3.8				
	1.5H	8.3 / -4.0					8.3 / -4.0				

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