Design iGuzzini

iGuzzini

Last information update: June 2018



ø 136

_/ _ ø 125

extractable, adjustable, recessed LED luminaire - electronic control gear included

Product code MU40

Technical description

Extractable, adjustable, recessed luminaire for warm white LED lamp. Passive heat dispersion system. Die-cast aluminium main body and frame; stainless steel rotation hinge. Rotation ring with safety cover in a high resistance thermoplastic material. Body adjusted with a manual manoeuvre device: internal 40° - external 65° - rotation on 355° axis. Reflector with high efficiency superpure aluminium optic - flood beam angle. Die-cast aluminium lamp body closure ring. Tempered transparent glass screen. Electronic control gear supplied and connected to the luminaire.

Installation

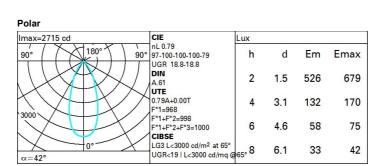
Beam angle [°]: 42°

86

recessed using steel springs in false ceilings with thicknesses starting at 1 mm; preparation hole Ø 125 mm

Dimension (mm) Ø136x98	
Colour White (01)	
Weight (Kg) 0.85	
Mounting ceiling recessed	
Wiring on control gear box with quick-coupling connections	
	Complies with EN60598-1 and pertinent regulations
IP20 IP23 On the visible part of the product once installed	
the product once installed	
Ka CE Kat EAL	
Product configuration: MU40	
Product characteristics Total lighting output [Lm]: 1578	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 15.8	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 99.9	Voltage [V]: -
Life Time: 50,000h - L80 - B10 (Ta 25°C)	Number of optical assemblies: 1
Optical assembly Characteristics Type 1	
Light Output Ratio (L.O.R.) [%]: 79	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED Nominal power [W]: 13	Ballast losses [W]: 2.8 Colour temperature [K]: 3000
Nominal luminous [Lm]: 2000	Colour temperature [K]: 3000 CRI: 80
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Ream angle [°]: 42°	MacAdam Sten: 2

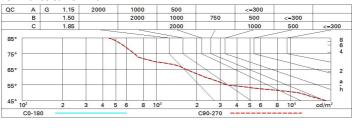
MacAdam Step: 2



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	66	64	61	66	63	63	60	76
1.0	73	70	67	66	69	67	67	64	81
1.5	77	75	73	71	74	72	71	69	87
2.0	80	78	77	75	77	76	75	72	92
2.5	82	80	79	78	79	78	77	75	95
3.0	83	82	81	80	80	79	78	76	97
4.0	84	83	82	82	81	81	80	78	99
5.0	84	84	83	83	82	82	80	79	100

Luminance curve limit



UGR diagram

Rifle	ot -										
Riflect.: ceil/cav walls work pl.		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
										0.20	
Room dim				viewed					viewed		
x	У		e	endwise							
2H	2H	19.4	20.1	19.7	20.3	20.5	19.4	20.1	19.7	20.3	20.5
	ЗН	19.2	19.8	19.6	20.1	20.4	19.2	19.8	19.6	20.1	20.4
	4H	19.2	19.7	19.5	20.0	20.3	19.2	19.7	19.5	20.0	20.3
	6H	19.1	19.6	19.4	19.9	20.3	19.1	19.6	19.4	19.9	20.3
	BH	19.1	19.6	19.4	19.9	20.2	19.1	19.6	19.4	19.9	20.2
	12H	<mark>19</mark> .0	19.5	19.4	19.8	20.2	19.0	1 <mark>9.5</mark>	<mark>19.4</mark>	19.8	20.2
4H	2H	19.2	19.7	19.5	20.0	20.3	19.2	19.7	19.5	20.0	20.3
	ЗH	19.0	19.5	19.4	19.8	20.2	19.0	19.5	19.4	19.8	20.2
	4H	18.9	19.4	19.3	19.7	20.1	18.9	19.4	19.3	19.7	20.1
	6H	18.9	19.2	19.3	19.6	20.0	18.9	19.2	19.3	19.6	20.0
	8H	18.8	19.1	19.3	19.6	20.0	18.8	19.1	19.2	19.6	20.0
	12H	18.8	19.1	19.2	19.5	19.9	18.8	19.1	19.2	19.5	19.9
вн	4H	18.8	19.1	19.2	19.6	20.0	18.8	19.1	19.3	19.6	20.0
	6H	18.7	19.0	19.2	19.4	19.9	18.7	19.0	19.2	19.4	19.9
	8H	18.7	18.9	19.2	19.4	19.9	18.7	18.9	19.2	19.4	19.9
	12H	18.6	18.8	19.1	19.3	19.8	18.6	18.8	19.1	19.3	19.8
12H	4H	18.8	19.1	19.2	19.5	19.9	18.8	1 <u>9</u> .1	19.2	19.5	19.9
	6H	18.7	18.9	19.2	19.4	19.9	18.7	18.9	19.2	19.4	19.9
	8H	18.6	18.8	19.1	19.3	19.8	18.6	18.8	19.1	19.3	19.8
Varia	ations wi	th the ot	oserverp	osition	at spacin	ig:					
S =	1.0H	5.1 / -14.3					5.1 / -14.3				
	1.5H	7.9 / -16.4					7.9 / -16.4				