Design iGuzzini

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ø 205 C1 ø 196

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

Product code MU65

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 - wideflood beam angle. Die-cast aluminium lamp body closure ring. Tempered transparent glass screen. Electronic control gear supplied and connected to the luminaire.

Installation

152

recessed using steel springs in false ceilings with thicknesses starting at 1 mm; preparation hole Ø 195 mm

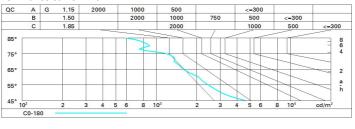
Colour White (01)	
Weight (Kg) 1.7	
Mounting ceiling recessed	
Wiring on control gear box with quick-coupling connections	
	Complies with EN60598-1 and pertinent regulation
IP20 IP23 On the visible part of the product once installed IP20 IP23 On the visible part of the product once installed IP20 IP23 IP23 IP23 IP20 IP23 IP23 IP23 IP23 IP20 IP23 IP23 IP23 IP23	•
Product configuration: MU65	
Product configuration: MU65 Product characteristics Total lighting output [Lm]: 3945 Total power [W]: 36.8 Luminous efficacy [Lm/W]: 107.2 Life Time: 50,000h - L80 - B10 (Ta 25°C)	Total luminous flux at or above an angle of 90° [Lm]: 0 Emergency luminous flux [Lm]: / Voltage [V]: - Number of optical assemblies: 1

Polar					
Imax=6438 cd	CIE	Lux			
90° 180° 90°	nL 0.79 99-100-100-100-79 UGR 15.6-15.6	h	d	Em	Emax
	DIN A.61	2	1.8	1273	1610
	UTE 0.79A+0.00T F"1=988	4	3.6	318	402
6000	F"1+F"2=997 F"1+F"2+F"3=1000 CIBSE	6	5.3	141	179
α=48°	LG3 L<3000 cd/m² at 65° UGR<16 L<3000 cd/mq @	_{65°} 8	7.1	80	101

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	65	63	67	64	64	61	78
1.0	74	71	68	67	70	68	67	65	82
1.5	78	75	73	72	74	73	72	70	88
2.0	80	78	77	76	77	76	75	73	93
2.5	82	80	79	78	79	78	77	75	95
3.0	83	82	81	80	81	80	79	77	97
4.0	84	83	83	82	82	81	80	78	99
5.0	84	84	83	83	82	82	81	79	100

Luminance curve limit



UGR diagram

Rifle	ct :											
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							0.20	0.20	0.20	
Room dim		viewed					viewed					
x	У		c	crosswise endwise								
2H	2H	16.1	16.7	16.4	16.9	17.1	16.1	16.7	16.4	16.9	1 7.1	
	ЗH	16.0	16.5	16.3	16.8	17.0	16.0	16.5	16.3	16.7	17.0	
	4H	15.9	16.4	16.3	16.7	17.0	15.9	16.4	16.2	16.7	17.0	
	6H	15.8	16.3	16.2	16.6	16.9	15.8	16.3	16.2	16.6	16.9	
	BH	15.8	16.2	16.2	16.6	16.9	15.8	16.2	16.2	16.5	16.9	
	12H	15.8	16.2	16.1	16.5	16.9	<mark>15.</mark> 8	16.2	16.1	16.5	16.8	
4H	2H	15.9	16.4	16.2	16.7	17.0	15.9	16.4	16.3	16.7	17.	
	ЗH	15.8	16.2	16.2	16.5	16.9	15.8	16.2	16.2	16.5	16.9	
	4H	15.7	16.1	16.1	16.4	16.8	15.7	16.1	16.1	16.4	16.8	
	6H	15.6	15.9	16.0	16.3	16.7	15.6	15.9	16.0	16.3	16.	
	8H	15.6	15.9	16.0	16.3	16.7	15.6	15.9	16.0	16.3	16.	
	12H	15.5	15.8	16.0	16.2	16.7	15.5	15.8	16.0	16.2	16.	
вн	4H	15.6	15.9	16.0	16.3	16.7	15.6	15.9	16.0	16.3	16.	
	6H	15.5	15.7	16.0	16.2	16.6	15.5	15.7	16.0	16.2	16.0	
	8H	15.4	15.6	15.9	16.1	16.6	15.4	15.6	15.9	16.1	16.0	
	12H	15.4	15.6	15.9	16.0	16.6	15.4	15.6	15.9	16.0	16.0	
12H	4H	15.5	15.8	16.0	16.2	16.7	15.5	15.8	16.0	16.2	16.	
	6H	15.4	15.6	15.9	16.1	16.6	15.4	15.6	15.9	16.1	16.0	
	8H	15.4	15.6	15.9	16.0	16.6	15.4	15.6	15.9	16.0	16.0	
Varia	itions wi	th the ot	pserverp	osition	at spacin	ig:	010					
S =	1.0H		6.	1 / -11	.5	6.1 / -11.5						
	1.5H		8.9 / -12.3					8.9 / -12.3				