Design iGuzzini iGuzzini

Last information update: November 2024

Product configuration: R244

R244: MInimal Ø 125 - Wide Flood beam - LED



Ø128



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Technical description

Ring luminaire with 12 optical elements for LED lamps - fixed optics. The optic system guarantees a high level of visual comfort and no glare. The body includes a radiant surface made of die-cast aluminium. Minimal (frameless) version for flush with ceiling installation. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. High definition reflectors made of thermoplastic material vacuum-metallised with aluminium vapours, integrated in a set-back position in the anti-glare screen. Supplied with a power supply unit connected to the luminaire.

Installation

Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - Ø 125 installation hole.



White (01) | Black (04) | Gold (14)* | Burnished chrome (E6)*

Weight (Kg)

0.34



Mounting

ceiling recessed

Wiring

On the power supply unit with terminal board included. Available in DALI electronic versions.

Complies with EN60598-1 and pertinent regulations



IP20



On the visible part of the product once installed









recililical uata			
lm system:	2465	CRI (minimum):	80
W system:	24	Colour temperature [K]:	4000
Im source:	2900	MacAdam Step:	2
W source:	24	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W,	102.7	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.)	85	assemblies:	
[%]:		Control:	DALI-2
Beam angle [°]:	58°		

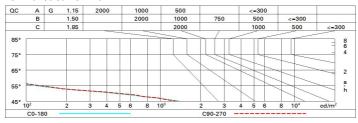
Polar

Imax=3498 cd	C80-260		Lux				
90° 180°			h	d1	d2	Em	Emax
	1/1	UGR 12.6-12.7 DIN A.61 UTE	2	2.2	2.2	647	873
XXX		0.85A+0.00T F"1=997	4	4.4	4.4	162	218
3000		F"1+F"2=1000 F"1+F"2+F"3=1000 CIBSE	6	6.7	6.7	72	97
α=58°		LG3 L<1500 cd/m² at 65° UGR<16 L<1500 cd/mq @	9 ₆₅ 8	8.9	8.9	40	55

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	77	73	70	68	72	70	69	67	78
1.0	80	77	74	72	76	73	73	70	83
1.5	84	81	79	78	80	79	78	75	89
2.0	87	85	83	82	84	82	81	79	93
2.5	88	87	86	85	86	85	84	81	96
3.0	89	88	87	87	87	86	85	83	98
4.0	90	90	89	89	88	88	86	84	99
5.0	91	90	90	90	89	89	87	85	100

Luminance curve limit



Riflect.: ceil/cav walls work pl. Room dim x y 2H 2H 3H 6H 2H 3H 6H 8H 12H 8H 12H 8H 12H 8H 4H 4H 4H 2H 3H 12H 8H 4H 2H 3H 12H 4H 12H 14H 14H 14H 14H 14H 14H 14H 14H 14H 14	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.70 .50 .20 3.2 3.0 2.9 2.9 2.8	0.70 0.30 0.20 13.7 13.5 13.4 13.3 13.3	0.50 0.50 0.20 viewed crosswise 13.4 13.3 13.3	14.0 13.8	0.30 0.30 0.20	0.70 0.50 0.20	0.70 0.30 0.20	0.50 0.50 0.20 viewed endwise	0.50 0.30 0.20	0.30 0.30 0.20	
walls work pl. Room dim x y 2H 2H 3H 4H 6H 8H 12H 4H 2H 8H 12H 8H 4H 6H 8H 12H 8H 4H	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.2 3.0 2.9 2.9 2.8	0.30 0.20 13.7 13.5 13.4 13.3	0.50 0.20 viewed crosswise 13.4 13.3 13.3	0.30 0.20 e 14.0 13.8	0.30 0.20	0.50 0.20	0.30 0.20	0.50 0.20 viewed endwise	0.30	0.30	
Work pl. Room dim X	0 H 1 H 1 H 1 H 1 H 1 H 1 H	3.2 3.0 2.9 2.9 2.8	13.7 13.5 13.4 13.3	0.20 viewed crosswise 13.4 13.3 13.3	0.20 e 14.0 13.8	0.20	13.3	0.20	0.20 viewed endwise	0.20	0.20	
Room dim x y 2H 2H 3H 4H 8H 2H 6H 6H 6H 6H 6H 12H 8H 4H 12H 8H 12H 8H 4H 6H 6H 8H 12H 8H 12H 4H 12H 4H 14H 14H 14H 14H 14H 14H 14H 14H 14H	H 1 1 H 1 H 1 H 1 H 1 H	3.2 3.0 2.9 2.9	13.7 13.5 13.4 13.3	13.4 13.3 13.3	14.0 13.8	14.2	13.3		viewed endwise		.07550	
X Y 2H 2H 3H 4H 6H 8H 12H 4H 2H 3H 6H 8H 12H 8H 4H 12H 12H	H 1 H 1 H 1 H 1 H 1	3.0 2.9 2.9 2.8	13.7 13.5 13.4 13.3	13.4 13.3 13.3	14.0 13.8			13.9	endwise	14 1	14	
2H 2H 3H 4H 6H 8H 12H 8H 4H 8H 6H 8H 12H 12H 4H 12H	i 1 i 1 i 1 i 1 i 1	3.0 2.9 2.9 2.8	13.7 13.5 13.4 13.3	13.4 13.3 13.3	14.0 13.8			13.9		14 1	1/	
3H 4H 6H 3H 6H 8H 12H 8H 4H 12H 12H 4H 12H	i 1 i 1 i 1 i 1 i 1	3.0 2.9 2.9 2.8	13.5 13.4 13.3	13.3 13.3	13.8			13.9	13.6	14 1	14	
4H 2H 2H 3H 6H 8H 12H 8H 4H 12H 12H 4H 12H	i 1 i 1 i 1 i 1	2.9 2.9 2.8	13.4 13.3	13.3		14 1	178 _ 17.52			17.1	14.	
6H 8H 12H 4H 2H 8H 12H 8H 4H 12H 12H 4H 12H	i 1	2.9	13.3		19.7		13.2	13.7	13.5	14.0	14.	
8H 12H 4H 2H 3H 4H 6H 8H 12H 8H 4H 6H 8H 12H 4H 4H 4H 4H 4H 4H 4H 4H 4H	i 1	2.8		132	13.7	14.0	13.1	13.6	13.4	13.9	14.	
12H 4H 2H 3H 4H 6H 8H 12H 8H 4H 6H 12H 4H 12H	H 1		13.3	10.2	13.6	14.0	13.0	13.5	13.4	13.8	14.	
4H 2H 3H 4H 6H 8H 12H 6H 8H 12H 12H 4H		2.8		13.2	13.6	13.9	13.0	13.4	13.4	13.8	14.	
3H 4H 6H 12H 8H 4H 6H 8H 12H 12H	, 1		13.2	13.2	13.5	13.9	13.0	13.4	13.3	13.7	14.	
4H 6H 8H 12H 8H 4H 6H 8H 12H		2.9	13.4	13.3	13.7	14.0	13.1	13.6	13.4	13.9	14.	
6H 8H 12H 8H 4H 6H 8H 12H	1 1	2.8	13.2	13.2	13.5	13.9	13.0	13.4	13.3	13.7	14.	
8H 4H 6H 8H 12H	1 1	2.7	13.1	13.1	13.4	13.8	12.9	13.2	13.3	13.6	14.	
12H 8H 4H 6H 8H 12H	1 1	2.6	12.9	13.0	13.3	13.7	12.8	13.1	13.2	13.5	13.	
8H 4H 6H 8H 12H	1 1	2.6	12.9	13.0	13.3	13.7	12.7	13.0	13.2	13.4	13.	
6H 8H 12H 12H 4H	1 1	2.5	12.8	13.0	13.2	13.7	12.7	12.9	13.1	13.4	13.	
8H 12H 12H 4H	1 1	2.6	12.9	13.0	13.3	13.7	12.7	13.0	13.2	13.4	13.	
12H 12H 4H	1 1	2.5	12.7	12.9	13.2	13.6	12.6	12.9	13.1	13.3	13.	
12H 4H	1 1	2.4	12.6	12.9	13.1	13.6	12.6	12.8	13.1	13.3	13.	
	1 1	2.4	12.5	12.9	13.0	13.5	12.5	12.7	13.0	13.2	13.	
	1 1	2.5	12.8	13.0	13.2	13.7	12.7	12.9	13.1	13.4	13.	
6H	1 1	2.4	12.6	12.9	13.1	13.6	12.6	12.8	13.1	13.3	13.	
нз	1 1	2.4	12.5	12.9	13.0	13.5	12.5	12.7	13.0	13.2	13.	
Variations	with t	he o b	serverp	osition a	at spacin	g:						
S = 1.0H	Н	6.8 / -31.1						6.8 / -31.1				
1.5H	Н		9.	6 / -40	.3			9	.6 / -42.	.0		