Design iGuzzini

Last information update: May 2024

Product configuration: Q574

Q574: Minimal 10 cells - Flood beam - LED

iGuzzini





Q574: Minimal 10 cells - Flood beam - LED Attention! Code no longer in production

### Technical description

Linear miniaturised recessed luminaire with 10 optical elements for LED lamps - fixed optic. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient flow and a high level of controlled glare visual comfort. Main body with die-cast zamak radiant surface, minimal (frameless) version for mounting flush with the ceiling. Metallised, thermoplastic, high definition Opti Beam reflectors, integrated in a set-back position in the anti-glare screen. Supplied with DALI power supply unit connected to the luminaire.

### Installation

Recessed with steel wire springs on the specific adapter (included) which allows flush-mounting with the ceiling. Adapter fixed to false ceiling (compatible thicknesses of 12.5 / 15 / 20 mm) with screws; subsequent filling and smoothing operations; insertion of luminaire body and aesthetic end finishing. A special protective sheath allows finishing operations on the plasterboard to be simplified and speeded up. Preparation hole  $28 \times 184$ .



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

Weight (Kg)

0.55



wall recessed|ceiling recessed

# Wiring

On the power supply unit with terminal board included.

### Notes

The special steel wire spring provided is required to facilitate the eventual extraction of the recessed body once it has been inserted.

Complies with EN60598-1 and pertinent regulations













## Technical data

Im system:	1162	Colour temperature [K]:	2700
W system:	22.8	MacAdam Step:	3
Im source:	1400	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	19	Voltage [Vin]:	230
Luminous efficiency (lm/W,	51	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:	
[%]:		Control:	DALI
Beam angle [°]:	42°		
CRI (minimum):	90		

# Polar

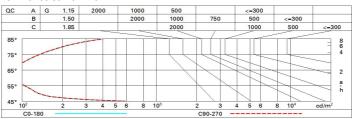
90°   180°   90°   100-100-100-100-83				
	h	d	Em	Emax
UGR <10-<10 DIN A.61	2	1.5	486	592
UTE 0.83A+0.00T F*1=999	4	3.1	121	148
2500 F*1+F*2=1000 F*1+F*2+F*3=1000 CIBSE	6	4.6	54	66
0° LG3 L<1500 cd/m² at 65° UGR<10   L<1500 cd/mq @	9 <sub>65°</sub> 8	6.1	30	37



# **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	80	77	76	79	77	76	74	89
2.0	85	83	81	80	82	80	79	77	93
2.5	86	85	84	83	84	83	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	88	87	87	85	83	100

# Luminance curve limit



2H : ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (		0.70 0.50 0.20 6.2 6.1 6.0 6.0 5.9 5.9	0.70 0.30 0.20 6.7 6.5 6.4 6.3 6.3 6.2	0.50 0.50 0.20 viewed crosswis 6.5 6.4 6.3 6.3 6.3		0.30 0.30 0.20 7.2 7.1 7.0 7.0 6.9 6.9	0.70 0.50 0.20 6.2 6.1 6.0 6.0 5.9	0.70 0.30 0.20 6.7 6.5 6.4 6.3 6.3 6.2	0.50 0.50 0.20 viewed endwise 6.5 6.4 6.4 6.3 6.3 6.3	0.50 0.30 0.20 6.9 6.8 6.7 6.6 6.6 6.6	7.2 7.2 7.0 6.9	
walls work pl. Room di x 2H 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2H 3H 4H 6H 8H 12H 2H 3H 4H	0.50 0.20 6.2 6.1 6.0 6.0 5.9 5.9	0.30 0.20 6.7 6.5 6.4 6.3 6.3 6.2	0.50 0.20 viewed crosswis 6.5 6.4 6.3 6.3 6.3	0.30 0.20 e 6.9 6.8 6.7 6.6 6.6 6.6	7.2 7.1 7.0 7.0 6.9	0.50 0.20 6.2 6.1 6.0 6.0 5.9 5.9	0.30 0.20 6.7 6.5 6.4 6.3 6.3	0.50 0.20 viewed endwise 6.5 6.4 6.4 6.3 6.3	0.30 0.20 6.9 6.8 6.7 6.6 6.6	7.2 7.2 7.3 7.6 6.9	
work pl. Room di x  2H : ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	2H 3H 4H 6H 8H 12H 2H 3H 4H	6.2 6.1 6.0 6.0 5.9 5.9	0.20 6.7 6.5 6.4 6.3 6.3 6.2	0.20 viewed crosswis 6.5 6.4 6.4 6.3 6.3	0.20 e 6.9 6.8 6.7 6.6 6.6 6.6	7.2 7.1 7.0 7.0 6.9	6.2 6.1 6.0 6.0 5.9	6.7 6.5 6.4 6.3 6.3	0.20 viewed endwise 6.5 6.4 6.4 6.3 6.3	6.9 6.8 6.7 6.6 6.6	7 7 7 7 6	
Room di x 2H :	2H 3H 4H 6H 8H 12H 2H 3H 4H	6.2 6.1 6.0 6.0 5.9 5.9	6.7 6.5 6.4 6.3 6.3 6.2	viewed crosswis 6.5 6.4 6.4 6.3 6.3 6.3	6.9 6.8 6.7 6.6 6.6	7.2 7.1 7.0 7.0 6.9 6.9	6.2 6.1 6.0 6.0 5.9	6.7 6.5 6.4 6.3 6.3	0.5 6.4 6.4 6.3 6.3	6.9 6.8 6.7 6.6 6.6	7. 7. 7. 7. 6.	
X 2H 2 4H 2 4H 2 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2H 3H 4H 6H 8H 12H 2H 3H 4H	6.1 6.0 6.0 5.9 5.9 6.0 5.9	6.7 6.5 6.4 6.3 6.3 6.2	6.5 6.4 6.4 6.3 6.3 6.3	6.9 6.8 6.7 6.6 6.6 6.6	7.1 7.0 7.0 6.9 6.9	6.1 6.0 6.0 5.9 5.9	6.5 6.4 6.3 6.3	6.5 6.4 6.4 6.3 6.3	6.9 6.8 6.7 6.6 6.6	7. 7. 7. 6.	
2H : ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	2H 3H 4H 6H 8H 12H 2H 3H	6.1 6.0 6.0 5.9 5.9 6.0 5.9	6.7 6.5 6.4 6.3 6.3 6.2	6.5 6.4 6.4 6.3 6.3 6.3	6.9 6.8 6.7 6.6 6.6 6.6	7.1 7.0 7.0 6.9 6.9	6.1 6.0 6.0 5.9 5.9	6.5 6.4 6.3 6.3	6.5 6.4 6.4 6.3 6.3	6.9 6.8 6.7 6.6 6.6	7. 7. 7. 6.	
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4H 2 4H 3	4H 6H 8H 12H 2H 3H 4H	6.0 5.9 5.9 6.0 5.9	6.4 6.3 6.3 6.2	6.4 6.3 6.3 6.3	6.7 6.6 6.6 6.6	7.0 7.0 6.9 6.9	6.0 6.0 5.9 5.9	6.4 6.3 6.3	6.4 6.3 6.3	6.7 6.6 6.6	7. 7. 6.	
4H 2	6H 8H 12H 2H 3H 4H	6.0 5.9 5.9 6.0 5.9	6.3 6.3 6.2	6.3 6.3 6.3	6.6 6.6 6.6	7.0 6.9 6.9	6.0 5.9 5.9	6.3 6.3	6.3	6.6	7. 6.	
4H :	8H 12H 2H 3H 4H	5.9 5.9 6.0 5.9	6.3 6.2 6.4	6.3 6.3	6.6 6.6	6.9	5.9 5.9	6.3	6.3	6.6	6.	
1: 4H : 3 : 4 : 6 : 8 : 1:	2H 3H 4H	5.9 6.0 5.9	6.2	6.3	6.6	6.9	5.9					
4H 2	2H 3H 4H	6.0 5.9	6.4	6.4	September 1	420000	200000	6.2	6.3	6.6	6.	
8H	3H 4H	5.9			6.7	7.0	5005.00					
8H .	4H	357750	6.2	82		1.0	6.0	6.4	6.4	6.7	7.	
1. 8H		58		0.3	6.6	6.9	5.9	6.2	6.3	6.6	6.	
1: 8H	BH	0.0	6.1	6.2	6.5	6.8	5.8	6.1	6.2	6.5	6.	
1. 8H .	UII	5.7	6.0	6.1	6.4	6.8	5.7	6.0	6.1	6.4	6.8	
8н (	HS	5.7	5.9	6.1	6.3	6.8	5.7	5.9	6.1	6.3	6.	
(	12H	5.6	5.9	6.1	6.3	6.7	5.6	5.8	6.1	6.3	6.	
	4H	5.7	5.9	6.1	6.3	6.8	5.7	5.9	6.1	6.3	6.	
	6Н	5.6	5.8	6.0	6.2	6.7	5.6	5.8	6.0	6.2	6.	
	H8	5.5	5.7	6.0	6.2	6.7	5.5	5.7	6.0	6.2	6.	
1:	12H	5.5	5.6	6.0	6.1	6.6	5.5	5.6	6.0	6.1	6.	
12H	4H	5.6	5.8	6.1	6.3	6.7	5.6	5.9	6.1	6.3	6.	
(	6H	5.5	5.7	6.0	6.2	6.7	5.5	5.7	6.0	6.2	6.	
8	H8	5.5	5.6	6.0	6.1	6.6	5.5	5.6	6.0	6.1	6.	
Variation	ns wit	th the ol	bserver	oosition	at spacir	ng:						
S = 1.	.0Н		7	.0 / -14	1.5			7.	0 / -14	1.5		
1.	.5H		9.8 / -14.7					9.8 / -14.7				

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