

## Deep Frame

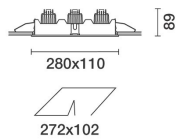
Design iGuzzini

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Last information update: October 2023

### Product configuration: P907

P907: Deep Frame - 3 elements - CoB warm LED - flood beam - dimmable DALI



### Product code

P907: Deep Frame - 3 elements - CoB warm LED - flood beam - dimmable DALI **Attention! Code no longer in production**

### Technical description

Three element recessed luminaire for LED lamps. Version with a perimeter frame. Shaped sheet steel structural frame. Die-cast aluminium, twin swivel universal joints located in a position set back from the installation surface to guarantee a high level of visual comfort. Tilts  $\pm 30^\circ$  around both the horizontal and vertical axes. Die-cast aluminium lighting bodies designed to optimise heat dispersal. High efficiency aluminium reflectors - flood angle. High color rendering index, warm white LED lamps. Each lamp unit has its own glass cover. The installation system is toolfree. DALI dimmable control gear unit included.

### Installation

Recessed in 1 to 30 mm thick false ceilings. Steel wire fixing springs. Preparation hole 102 x 272.

### Colour

White (01) | Grey / Black (74)

### Weight (Kg)

1.21

### Mounting

ceiling recessed

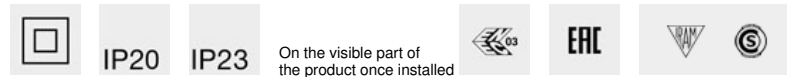
### Wiring

Complete with DALI dimmable control gear unit connected to the luminaire. Wiring for connecting to mains network on driver terminal board.

### Notes

Accessories available: refractor for elliptical flow distribution - interchangeable reflectors.

Complies with EN60598-1 and pertinent regulations



### Technical data

lm system:	2248	Colour temperature [K]:	3000
W system:	32.2	MacAdam Step:	3
lm source:	950	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	8.4	Ballast losses [W]:	2.3
Luminous efficiency (lm/W, real value):	69.8	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	3
Beam angle [°]:	42°	Control:	DALI
CRI (minimum):	90		

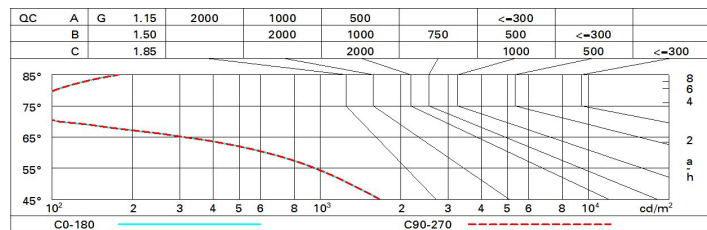
### Polar

 $\alpha = 42^\circ$	<b>CIE</b> nL 0.79 99-100-100-100-79 UGR <10-<10 <b>DIN</b> A.61 <b>UTE</b> 0.79A+0.00T F*1=991 F*1+F*2=999 F*1+F*2+F*3=1000 <b>CIBSE</b> LG3 L<1500 cd/m² at 65° UGR<10   L<1500 cd/mq @65°			
	h	d	Em	E <sub>max</sub>
	2	1.5	328	410
	4	3.1	82	102
	6	4.6	36	46
	8	6.1	21	26

# 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	68	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	98
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

Corrected UGR values (at 950 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		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	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	3.3	3.9	3.6	4.1	4.3	3.3	3.9	3.6	4.1	4.3
	3H	3.2	3.7	3.5	4.0	4.3	3.2	3.8	3.6	4.0	4.3
	4H	3.1	3.6	3.5	3.9	4.2	3.2	3.7	3.5	4.0	4.3
	6H	3.1	3.5	3.4	3.8	4.1	3.1	3.5	3.5	3.9	4.2
	8H	3.0	3.5	3.4	3.8	4.1	3.1	3.5	3.4	3.8	4.2
	12H	3.0	3.4	3.4	3.7	4.1	3.0	3.4	3.4	3.8	4.1
4H	2H	3.2	3.7	3.5	4.0	4.3	3.1	3.6	3.5	3.9	4.2
	3H	3.1	3.5	3.4	3.8	4.2	3.1	3.5	3.4	3.8	4.2
	4H	3.0	3.3	3.4	3.7	4.1	3.0	3.3	3.4	3.7	4.1
	6H	2.9	3.2	3.3	3.6	4.0	2.9	3.2	3.3	3.6	4.0
	8H	2.9	3.2	3.3	3.6	4.0	2.9	3.1	3.3	3.6	4.0
	12H	2.8	3.1	3.3	3.5	4.0	2.8	3.1	3.3	3.5	4.0
8H	4H	2.9	3.1	3.3	3.6	4.0	2.9	3.2	3.3	3.6	4.0
	6H	2.8	3.0	3.2	3.5	3.9	2.8	3.0	3.2	3.5	3.9
	8H	2.7	2.9	3.2	3.4	3.9	2.7	2.9	3.2	3.4	3.9
	12H	2.7	2.9	3.2	3.4	3.9	2.7	2.9	3.2	3.3	3.9
12H	4H	2.8	3.1	3.3	3.5	4.0	2.8	3.1	3.3	3.5	4.0
	6H	2.7	2.9	3.2	3.4	3.9	2.7	2.9	3.2	3.4	3.9
	8H	2.7	2.9	3.2	3.3	3.9	2.7	2.9	3.2	3.4	3.9
Variations with the observer position at spacing:											
S =	1.0H	5.3 / -4.9					5.3 / -4.9				
	1.5H	8.0 / -7.8					8.0 / -7.8				
	2.0H	9.9 / -11.8					9.9 / -11.8				