

Deep Frame

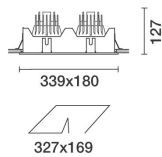
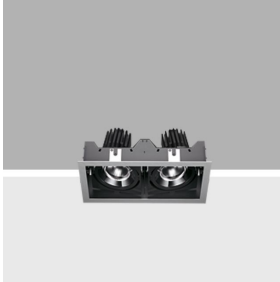
Design iGuzzini

iGuzzini

Last information update: April 2025

Product configuration: P924

P924: Deep Frame - 2 elements - CoB warm LED - flood beam



Product code

P924: Deep Frame - 2 elements - CoB warm LED - flood beam **Attention! Code no longer in production**

Technical description

Two element recessed luminaire for an LED lamp. 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. Mechanical installation system. Control gear units included.

Installation

Recessed in 1 to 30mm thick false ceilings - secured with manually adjustable metal brackets. Preparation hole 169 x 327.

Colour

White (01) | Grey / Black (74)

Weight (Kg)

2.8

Mounting

ceiling recessed

Wiring

Complete with electronic control gear units connected to the luminaire. Wiring for connecting to mains network on driver terminal board. For the dimensions of the installation compartment see the instructions sheet.

Notes

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

Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	4793	CRI:	90
W system:	61.5	Colour temperature [K]:	3000
lm source:	3000	MacAdam Step:	3
W source:	27	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	77.9	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.) [%]:	80	Number of optical assemblies:	2
Beam angle [°]:	38°		

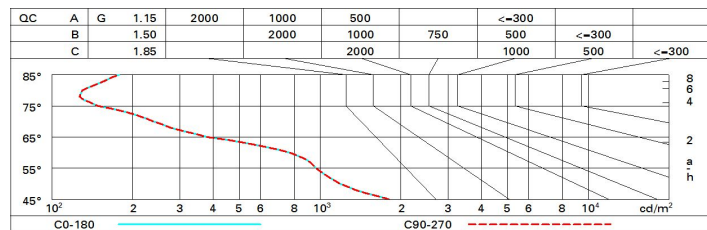
Polar

Imax=5070 cd		CIE		Lux			
90°	180°	nL 0.80		h	d	Em	Emax
		99-100-100-100-80		2	1.4	1018	1257
		UGR 12.1-12.1		4	2.8	254	314
		DIN A.61		6	4.1	113	140
		UTE 0.80A+0.00T		8	5.5	64	79
		F*1=997					
		F*1+F*2=998					
		F*1+F*2+F*3=1000					
		CIBSE LG3 L<1500 cd/m² at 65°					
		UGR<16 L<1500 cd/mq @ 65°					
$\alpha = 38^\circ$							

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	68	65	63	67	65	64	62	78
1.0	75	72	69	67	71	69	68	66	82
1.5	79	76	74	73	75	73	73	70	88
2.0	81	79	78	77	78	77	76	74	92
2.5	83	81	80	79	80	79	78	76	95
3.0	84	83	82	81	82	81	80	78	97
4.0	85	84	84	83	83	82	81	79	99
5.0	85	85	84	84	83	83	82	80	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 3000 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		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
2H	2H	12.7	13.3	13.0	13.5	13.8	12.7	13.3	13.0	13.5	13.8
	3H	12.6	13.1	12.9	13.4	13.7	12.6	13.1	12.9	13.4	13.7
	4H	12.5	13.0	12.8	13.3	13.6	12.5	13.0	12.8	13.3	13.6
	6H	12.4	12.9	12.8	13.2	13.5	12.4	12.9	12.8	13.2	13.5
	8H	12.4	12.8	12.7	13.2	13.5	12.4	12.8	12.7	13.2	13.5
	12H	12.3	12.8	12.7	13.1	13.5	12.3	12.8	12.7	13.1	13.5
4H	2H	12.5	13.0	12.8	13.3	13.6	12.5	13.0	12.8	13.3	13.6
	3H	12.4	12.8	12.7	13.1	13.5	12.4	12.8	12.7	13.1	13.5
	4H	12.3	12.6	12.7	13.0	13.4	12.3	12.6	12.7	13.0	13.4
	6H	12.2	12.5	12.6	12.9	13.3	12.2	12.5	12.6	12.9	13.3
	8H	12.1	12.4	12.6	12.9	13.3	12.1	12.4	12.6	12.9	13.3
	12H	12.1	12.4	12.5	12.8	13.3	12.1	12.4	12.5	12.8	13.2
8H	4H	12.1	12.4	12.6	12.9	13.3	12.1	12.4	12.6	12.9	13.3
	6H	12.0	12.3	12.5	12.7	13.2	12.0	12.3	12.5	12.7	13.2
	8H	12.0	12.2	12.5	12.7	13.2	12.0	12.2	12.5	12.7	13.2
	12H	11.9	12.1	12.4	12.6	13.1	11.9	12.1	12.4	12.6	13.1
12H	4H	12.1	12.4	12.5	12.8	13.2	12.1	12.4	12.5	12.8	13.3
	6H	12.0	12.2	12.5	12.7	13.2	12.0	12.2	12.5	12.7	13.2
	8H	11.9	12.1	12.4	12.6	13.1	11.9	12.1	12.4	12.6	13.1
Variations with the observer position at spacing:											
S =	1.0H	5.7 / -12.8					5.7 / -12.8				
	1.5H	8.5 / -14.7					8.5 / -14.7				
	2.0H	10.5 / -17.4					10.5 / -17.4				