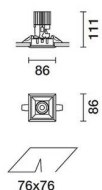


Design iGuzzini iGuzzini



P739.47: Frame Adjustable Recessed Luminaire - Warm White LED - Wide Flood beam - DALI - White/Black

P739.47: Frame Adjustable Recessed Luminaire - Warm White LED - Wide Flood beam - DALI - White/Black

Recessed luminaire with adjustable optic for warm white LED 2700K with high colour rendering index. Passive cooling system. Adjustable body can be rotated within the recess to ensure precise but comfortable lighting and considerably reduced direct glare. 355° internal rotation and max 30° oscillation with continuous friction. Fixed recess structure in die-cast aluminium with perimeter stop frame. The recessed luminaire includes a radiant aluminium element, a steel junction for the optical assembly and a thermoplastic rotation ring. Metallised thermoplastic reflector with high definition optic and wide flood beam aperture. External thermoplastic anti-glare screen. Transparent protection glass for LED light source. Supplied with DALI dimmable power supply unit connected to the luminaire.

Recessed with torsional steel springs - 1 mm minimum thickness of false ceiling - recess opening 76 x 76 mm.

## 0.53

meaning  
wall recessed|ceiling recessed

Quick-fit power supply connection to terminal block - Digital electronic wiring enables dimming with DALI or TOUCH DIM systems.

Vast range of technical and decorative accessories available: option to install 2 accessories at the same time.


 IP20 IP23 On the visible part of the product once installed
 





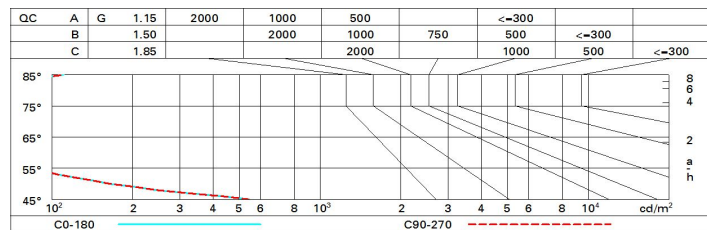
Im system:	804	Colour temperature [K]:	2700
W system:	11.3	MacAdam Step:	2
Im source:	1150	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	8.9	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	71.2	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	70	Number of optical assemblies:	1
Beam angle [°]:	50°	Control:	DALI
CRI (minimum):	90		

	<b>CIE</b> nL 0.70 100-100-100-100-70 UGR 10.0-10.0		<b>Lux</b>			
	<b>DIN</b> A.61		h	d	Em	Emax
	<b>UTE</b> 0.70A+0.00T F*1=997 F*1+F*2=1000 F*1+F*2+F*3=1000		1	0.9	1027	1217
	<b>CIBSE</b> LG3 L<1500 cd/m <sup>2</sup> at 65° UGR<16   L<1500 cd/mq @65°		2	1.9	257	304
			3	2.8	114	135
α=50°			4	3.7	64	76

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	63	60	58	56	59	57	57	55	78
1.0	66	63	61	59	62	60	60	58	83
1.5	69	67	65	64	66	65	64	62	89
2.0	71	70	68	67	69	68	67	65	93
2.5	73	71	70	70	70	70	69	67	96
3.0	73	73	72	71	72	71	70	68	98
4.0	74	74	73	73	73	72	71	69	99
5.0	75	74	74	74	73	73	72	70	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1150 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	10.6	11.1	10.9	11.4	11.6	10.6	11.1	10.9	11.4	11.6
	3H	10.5	11.0	10.8	11.2	11.5	10.5	11.0	10.8	11.2	11.5
	4H	10.4	10.9	10.7	11.1	11.4	10.4	10.9	10.7	11.1	11.4
	6H	10.3	10.7	10.7	11.1	11.4	10.3	10.7	10.7	11.1	11.4
	8H	10.3	10.7	10.7	11.0	11.4	10.3	10.7	10.7	11.0	11.4
	12H	10.3	10.6	10.6	11.0	11.3	10.3	10.6	10.6	11.0	11.3
4H	2H	10.4	10.9	10.7	11.1	11.4	10.4	10.9	10.7	11.1	11.4
	3H	10.3	10.6	10.6	11.0	11.3	10.3	10.6	10.6	11.0	11.3
	4H	10.2	10.5	10.6	10.9	11.3	10.2	10.5	10.6	10.9	11.3
	6H	10.1	10.4	10.5	10.8	11.2	10.1	10.4	10.5	10.8	11.2
	8H	10.0	10.3	10.5	10.7	11.2	10.0	10.3	10.5	10.7	11.2
	12H	10.0	10.2	10.4	10.7	11.1	10.0	10.2	10.4	10.7	11.1
8H	4H	10.0	10.3	10.5	10.7	11.2	10.0	10.3	10.5	10.7	11.2
	6H	9.9	10.2	10.4	10.6	11.1	9.9	10.2	10.4	10.6	11.1
	8H	9.9	10.1	10.4	10.5	11.0	9.9	10.1	10.4	10.5	11.0
	12H	9.8	10.0	10.3	10.5	11.0	9.8	10.0	10.3	10.5	11.0
12H	4H	10.0	10.2	10.4	10.7	11.1	10.0	10.2	10.4	10.7	11.1
	6H	9.9	10.1	10.4	10.5	11.0	9.9	10.1	10.4	10.5	11.0
	8H	9.8	10.0	10.3	10.5	11.0	9.8	10.0	10.3	10.5	11.0
Variations with the observer position at spacing:											
S =	1.0H	6.5 / -24.4					6.5 / -24.4				
	1.5H	9.3 / -25.0					9.3 / -25.0				
	2.0H	11.3 / -25.3					11.3 / -25.3				