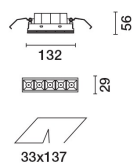
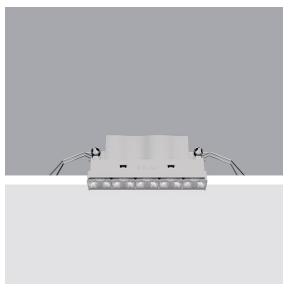


Design iGuzzini iGuzzini

**Product configuration: QX71.24**  
QX71.24: Minimal 5 cells - Wide Flood - LED - Clear transparent



QX71.24: Minimal 5 cells - Wide Flood - LED - Clear transparent

Linear miniaturised recessed luminaire with 5 optical elements for LED lamps - fixed optic. Die-cast aluminium body, minimal version (frameless) installed flush with ceiling. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Metallised thermoplastic high definition OptiBeam reflector, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with a dimmable DALI power supply unit connected to the luminaire.

The recess body is inserted in the specific adapter installed previously by means of a steel wire spring - check the thickness of the false ceiling and use a compatible frame available with a separate item code.

Weight (Kg)  
0.3

wall recessed|ceiling recessed

Quick-coupling connections on the ballast unit.

Complies with EN60598-1 and pertinent regulations



Im system:	1008	CRI (typical):	92
W system:	13	Colour temperature [K]:	4000
Im source:	1200	MacAdam Step:	3
W source:	9.9	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	77.5	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.) [%]:	84	Number of optical assemblies:	1
Beam angle [°]:	48° / 46°	Control:	DALI-2
CRI (minimum):	90		

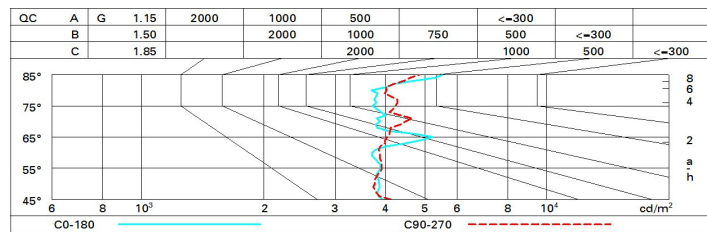
The figure shows a light distribution diagram for the C90-270 luminaire. The diagram is a circular plot with concentric circles representing beam angles of 90°, 180°, and 90°. The vertical axis is labeled with 1500 and 0°. A red dashed line indicates the beam spread, which is labeled with  $\alpha = 47^\circ$  and  $48^\circ$ . The diagram is titled "C90-270" and "Imax=1754 cd".

CIE		Lux				
nL 0.84	96-99-100-100-84	h	d1	d2	Em	E <sub>max</sub>
UGR 13.6-13.7						
<b>DIN</b>						
A.61		2	1.8	1.7	358	438
<b>UTE</b>						
0.84A+0.00T		4	3.5	3.4	90	110
F*1=963						
F*1+F*2=987		6	5.3	5.1	40	49
F*1+F*2+F*3=997						
		8	7	6.8	22	27

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	70	67	65	70	67	66	64	76
1.0	78	74	71	69	73	71	70	68	80
1.5	82	79	77	75	78	76	75	73	87
2.0	85	83	81	80	82	80	79	77	91
2.5	87	85	84	82	84	82	82	79	94
3.0	88	87	85	85	85	84	83	81	96
4.0	89	88	87	87	86	86	85	83	98
5.0	89	89	88	88	87	87	85	83	99

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1200 lm bare lamp luminous flux)											
Reflect.:											
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	11.4	11.9	11.7	12.2	12.4	12.0	12.5	12.3	12.8	13.0
	3H	12.1	12.6	12.4	12.9	13.1	12.1	12.6	12.4	12.9	13.1
	4H	12.4	12.9	12.7	13.2	13.5	12.2	12.6	12.5	12.9	13.2
	6H	12.7	13.1	13.0	13.4	13.7	12.2	12.6	12.5	12.9	13.2
	8H	12.8	13.2	13.2	13.5	13.9	12.1	12.5	12.5	12.9	13.2
	12H	13.0	13.4	13.4	13.7	14.1	12.1	12.5	12.5	12.8	13.2
4H	2H	11.6	12.0	11.9	12.3	12.6	13.0	13.4	13.3	13.7	14.0
	3H	12.6	13.0	13.0	13.3	13.7	13.4	13.8	13.8	14.1	14.5
	4H	13.0	13.4	13.4	13.7	14.1	13.6	13.9	14.0	14.3	14.7
	6H	13.4	13.7	13.9	14.1	14.6	13.7	14.0	14.1	14.4	14.8
	8H	13.6	13.9	14.1	14.3	14.8	13.7	14.0	14.2	14.4	14.8
	12H	13.9	14.2	14.4	14.6	15.0	13.7	14.0	14.2	14.4	14.9
8H	4H	13.2	13.5	13.7	13.9	14.3	14.1	14.4	14.6	14.8	15.3
	6H	13.8	14.0	14.3	14.5	15.0	14.4	14.6	14.9	15.1	15.6
	8H	14.1	14.3	14.6	14.8	15.3	14.5	14.7	15.0	15.2	15.7
	12H	14.5	14.7	15.0	15.2	15.7	14.6	14.7	15.1	15.2	15.8
12H	4H	13.2	13.5	13.7	13.9	14.4	14.3	14.6	14.8	15.0	15.4
	6H	13.8	14.0	14.3	14.5	15.0	14.6	14.8	15.1	15.3	15.8
	8H	14.2	14.4	14.7	14.9	15.4	14.8	14.9	15.3	15.4	15.9
Variations with the observer position at spacing:											
S =	1.0H	1.4 / -0.8					1.4 / -1.1				
	1.5H	3.0 / -1.2					3.0 / -1.3				
	2.0H	4.3 / -1.3					4.5 / -1.6				