Design iGuzzini iGuzzini

Last information update: July 2025

Product configuration: QL86

QL86: Ø887mm - warm white - Microprismatic - DALI



Product code

QL86: Ø887mm - warm white - Microprismatic - DALI

Technical description

Round luminaire for ceiling-mounted installation with option of recessed or pendant installation via an accessory to be ordered separately. Direct emission designed to use warm white 3000K LED lamps. The optical assembly consists of an extruded painted aluminium frame, a satin finish methacrylate diffuser screen for UGR<19 3000cd/m2 light emission and a sheet metal rear closing base. The driver is housed in the upper part of the product.

Installation

Ceiling-mounted. Recessed or pendant-mounted using an accessory to be ordered separately.

 Colour
 Weight (Kg)

 White (01) | Black (04)
 14.1



wall surface|ceiling surface

Wiring

Product complete with electronic components. The electrical cables used are made of a "halogen free" material. (This means that the cables do not contain any halogen materials that in the event of a fire do not emit toxic or corrosive gases and only a small quantity of opaque fumes).

Notes

TPb rated

Complies with EN60598-1 and pertinent regulations

IP20

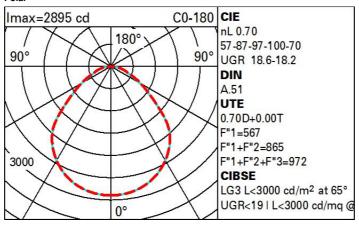
Complies with EN60598-1 and pertinent regulations

We so pending

Technical data

Im system:	6825	Colour temperature [K]:	3000
W system:	54.7	MacAdam Step:	3
Im source:	9750	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
W source:	51	Lamp code:	LED
Luminous efficiency (lm/W, real value):	124.8	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	70	Control:	DALI-2
CRI (minimum):	80		

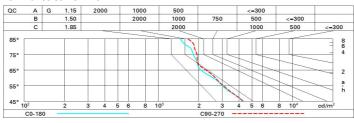
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	49	42	38	34	41	37	37	32	46
1.0	54	47	43	39	46	42	42	38	54
1.5	60	55	52	48	54	51	50	46	66
2.0	64	60	57	54	59	56	55	52	74
2.5	67	63	61	58	62	60	59	55	79
3.0	68	65	63	61	64	62	61	58	82
4.0	70	68	66	64	66	65	64	61	86
5.0	71	69	67	66	68	66	65	62	89

Luminance curve limit



2H 2l 3l 4l 6l 8l 12		0.70 0.50 0.20 16.2 17.0 17.3 17.6 17.7 17.8	0.70 0.30 0.20 17.2 17.9 18.2 18.4 18.5 18.6	0.50 0.50 0.20 viewed crosswis 16.5 17.3 17.7 18.0 18.1	0.50 0.30 0.20 e 17.5 18.2 18.5 18.8 18.9	0.30 0.30 0.20 17.7 18.5 18.8 19.1	0.70 0.50 0.20 16.1 16.4 16.5 16.5	0.70 0.30 0.20	0.50 0.50 0.20 viewed endwise 16.4 16.8	0.50 0.30 0.20 17.5 17.7 17.7	0.30 0.30 0.20 17.5 18.0	
walls work pl. Room din x y 2H 2l 3l 4l 6l 8l 12 4H 2l 8H 4l 6l 8l 12	2H 3H 4H 6H 8H 12H	0.50 0.20 16.2 17.0 17.3 17.6 17.7	0.30 0.20 17.2 17.9 18.2 18.4 18.5	0.50 0.20 viewed crosswise 16.5 17.3 17.7 18.0 18.1	0.30 0.20 e 17.5 18.2 18.5 18.8	0.30 0.20 17.7 18.5 18.8 19.1	0.50 0.20 16.1 16.4 16.5	0.30 0.20 17.2 17.4 17.4	0.50 0.20 viewed endwise 16.4 16.8 16.9	0.30 0.20 17.5 17.7	0.30 0.20 17.3 18.0	
work pl. Room din x y 2H 2i 3i 4i 6i 12 4H 2i 3i 4i 6i 8i 12 8H 4i 6i 8i 12	2H 3H 4H 6H 8H 12H	16.2 17.0 17.3 17.6 17.7 17.8	17.2 17.9 18.2 18.4 18.5	0.20 viewed crosswise 16.5 17.3 17.7 18.0 18.1	0.20 e 17.5 18.2 18.5 18.8	17.7 18.5 18.8 19.1	16.1 16.4 16.5	17.2 17.4 17.4	0.20 viewed endwise 16.4 16.8 16.9	0.20 17.5 17.7	17. 18.	
Room din x y y 2H 2I 33 44 66 81 12 8H 46 68 12	2H 3H 4H 6H 8H 12H	16.2 17.0 17.3 17.6 17.7	17.2 17.9 18.2 18.4 18.5	16.5 17.3 17.7 18.0 18.1	17.5 18.2 18.5 18.8	17.7 18.5 18.8 19.1	16.1 16.4 16.5	17.2 17.4 17.4	viewed endwise 16.4 16.8 16.9	17.5 17.7	17.	
X	y 2H 3H 4H 6H 8H 12H	17.0 17.3 17.6 17.7 17.8	17.2 17.9 18.2 18.4 18.5	16.5 17.3 17.7 18.0 18.1	17.5 18.2 18.5 18.8	18.5 18.8 19.1	16.4 16.5	17.4 17.4	16.4 16.8 16.9	17.5 17.7	18.	
2H 2l 3l 4l 6l 8l 12 8H 4l 6l 8l 12	2H 3H 4H 6H 8H 12H	17.0 17.3 17.6 17.7 17.8	17.2 17.9 18.2 18.4 18.5	16.5 17.3 17.7 18.0 18.1	17.5 18.2 18.5 18.8	18.5 18.8 19.1	16.4 16.5	17.4 17.4	16.4 16.8 16.9	17.5 17.7	18.	
31 41 61 81 12 4H 21 31 41 61 81 8H 41 81 12	3H 4H 6H 8H 12H	17.0 17.3 17.6 17.7 17.8	17.9 18.2 18.4 18.5	17.3 17.7 18.0 18.1	18.2 18.5 18.8	18.5 18.8 19.1	16.4 16.5	17.4 17.4	16.8 16.9	17.7	18.	
4H 2I 34 4H 31 6H	4H 6H 8H 12H	17.3 17.6 17.7 17.8	18.2 18.4 18.5	17.7 18.0 18.1	18.5 18.8	18.8 19.1	16.5	17.4	16.9			
60 81 12 4H 21 33 44 60 81 12 8H 46 61 81	6H 8H 12H 2H	17.6 17.7 17.8	18.4 18.5	18.0 18.1	18.8	19.1	100			17.7	18	
81 12 4H 2I 31 4I 6I 8I 12 8H 4I 6I 8I 12	8H 12H 2H	17.7 17.8	18.5	18.1			16.5	170	75.24.2		10.	
12 4H 2: 33 4! 6: 8: 12 8:H 4! 6: 8: 12	12H 2H	17.8			18.9	40.0	10.5	17.3	16.9	17.7	18.	
4H 2: 33 44 66 8H 44 66 81 12	2H	177000	18.6	18.2		19.2	16.5	17.3	16.9	17.6	18.	
31 41 61 81 12 8H 41 61 81		16.5			18.9	19.3	16.5	17.2	16.9	17.6	17.	
44 61 81 12 8H 44 61 81	211		17.4	16.9	17.7	18.1	17.3	18.2	17.7	18.5	18.	
6i 8l 12 8H 4l 6i 8l	JII	17.6	18.3	17.9	18.7	19.0	17.8	18.6	18.2	18.9	19.	
8H 4H 6i 81	4H	18.0	18.7	18.4	19.1	19.5	18.0	18.7	18.4	19.1	19.	
12 8H 4 6i 8l 12	6H	18.5	19.1	18.9	19.5	19.9	18.1	18.7	18.6	19.1	19.	
8H 4I 6I 8I 12	HS	18.6	19.2	19.1	19.6	20.0	18.2	18.7	18.6	19.1	19.	
6 8 12	12H	18.7	19.2	19.2	19.7	20.1	18.2	18.7	18.7	19.1	19.	
12	4H	18.2	18.8	18.7	19.2	19.6	18.7	19.2	19.1	19.6	20.	
12	бН	18.8	19.3	19.3	19.7	20.2	18.9	19.4	19.4	19.8	20.	
	HS	19.0	19.4	19.5	19.9	20.4	19.0	19.4	19.5	19.9	20.	
	12H	19.2	19.6	19.7	20.0	20.6	19.1	19.4	19.6	19.9	20.	
12H 4	4H	18.2	18.7	18.7	19.1	19.6	18.8	19.3	19.2	19.7	20.	
6	бН	18.8	19.2	19.3	19.7	20.2	19.1	19.5	19.6	19.9	20.	
8	HS	19.1	19.5	19.6	20.0	20.5	19.2	19.6	19.7	20.0	20.	
Variations	ns wi	th the ob	serverp	osition a	at spacin	g:				_		
S = 1.0	.0H	0.3 / -0.3					0.3 / -0.3					
1.5		0.4 / -0.8					0.5 / -0.7					