Last information update: October 2024

Product configuration: QL90

QL90: Ø1157mm - Tunable White - Microprismatic - DALI

iGuzzini

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Design iGuzzini

Product code

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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 Tunable White 2700K+6500KLED 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 DALI DT8 driver is housed in the upper part of the product.

Weight (Kg)

23.7

Installation

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

Colour

Mounting wall surface|ceiling surface

White (01) | Black (04)

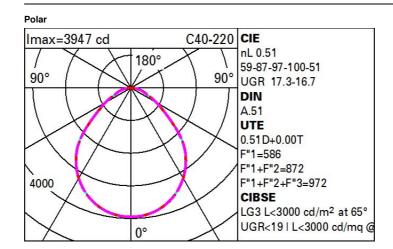


Wiring

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).



Technical data Im system: 8670 CRI (minimum): 90 W system: 107.2 Colour temperature [K]: Tunable white 2700 - 6500 17000 Life Time LED 1: 50,000h - L90 - B10 (Ta 25°C) Im source: W source: 96 Lamp code: LED Luminous efficiency (Im/W, 80.9 Number of lamps for optical 1 real value): assembly: ZVEI Code I FD Im in emergency mode: Total light flux at or above 0 Number of optical 1 an angle of 90° [Lm]: assemblies: Light Output Ratio (L.O.R.) 51 Control: DALI-2 [%]:



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	36	31	28	25	31	28	27	24	48
1.0	39	35	32	29	34	31	31	28	55
1.5	44	41	38	36	40	37	37	34	67
2.0	47	44	42	40	43	41	41	38	75
2.5	49	46	44	43	45	44	43	41	80
3.0	50	48	46	45	47	45	45	42	83
4.0	51	49	48	47	48	47	46	44	87
5.0	52	51	49	48	49	48	48	46	89

Luminance curve limit

QC	Α	G	1.15	20	00	1	000		500		<	-300			
	в		1.50			2	000		1000	750		500	<-	-300	
	C		1.85						2000		1	000	5	500	<=300
85°					T			1	$\overline{\mathbf{N}}$	ТП			$\overline{\Box}$		36
75°					+					ų		-	-	_	4
65°					+				and and				+		2
55°			_		+			_		1	\checkmark		\uparrow		a, h
45° 1	0 ²		2	3	4	56	8	10 ³	2	3	4 5	5 6	8 1	04	cd/m ²
	C0-180) -				_			1	C90-270					

UGR diagram

: / dim y 2H 3H 4H 8H 12H 2H 3H 4H 6H	0.70 0.50 0.20 14.8 15.6 15.9 16.2 16.4 16.4 15.2 16.1 16.6	0.70 0.30 0.20 15.8 16.5 16.8 17.0 17.1 17.2 16.0 16.9 17.3	0.50 0.50 0.20 viewed crosswis 15.1 15.9 16.3 16.6 16.7 16.8 15.5 16.5	e 16.1 16.8 17.1 17.4 17.5 17.5 16.3 17.2	0.30 0.30 0.20 16.4 17.1 17.4 17.7 17.8 17.9 16.6 17.6	0.70 0.50 0.20 14.7 15.0 15.1 15.1 15.1 15.1 15.9 10.4	15.8 15.9 16.0 15.9 15.9 15.8	0.50 0.50 0.20 viewed endwise 15.0 15.4 15.5 15.5 15.5 15.5	16.0 16.2 16.3 16.2 16.2 16.2 16.2	0.30 0.30 0.20 16.3 16.5 16.6 16.6 16.5
dim y 2H 3H 4H 6H 8H 12H 2H 3H 4H	0.20 14.8 15.6 15.9 16.2 16.4 16.4 16.4 15.2 16.1 16.6	0.20 15.8 16.5 16.8 17.0 17.1 17.2 16.0 16.9	0.20 viewed crosswis 15.1 15.9 16.3 16.6 16.7 16.8 15.5 16.5	0.20 e 16.1 16.8 17.1 17.4 17.5 17.5 16.3 17.2	0.20 16.4 17.1 17.4 17.7 17.8 17.9 16.6	0.20 14.7 15.0 15.1 15.1 15.1 15.1 15.1 15.9	0.20 15.8 15.9 16.0 15.9 15.9 15.8 16.8	0.20 viewed endwise 15.0 15.4 15.5 15.5 15.5 16.3	0.20 16.0 16.2 16.3 16.2 16.2 16.2 16.2	0.20 16.3 16.5 16.6 16.6 16.6
dim y 2H 3H 4H 6H 8H 12H 2H 3H 4H	14.8 15.6 15.9 16.2 16.4 16.4 16.4 15.2 16.1 16.6	0.20 15.8 16.5 16.8 17.0 17.1 17.2 16.0 16.9	0.20 viewed crosswis 15.1 15.9 16.3 16.6 16.7 16.8 15.5 16.5	0.20 e 16.1 16.8 17.1 17.4 17.5 17.5 16.3 17.2	0.20 16.4 17.1 17.4 17.7 17.8 17.9 16.6	0.20 14.7 15.0 15.1 15.1 15.1 15.1 15.1 15.9	0.20 15.8 15.9 16.0 15.9 15.9 15.8 16.8	0.20 viewed endwise 15.0 15.4 15.5 15.5 15.5 16.3	0.20 16.0 16.2 16.3 16.2 16.2 16.2 16.2	0.20 16.3 16.5 16.6 16.6 16.6
У 2H 3H 6H 8H 12H 2H 3H 4H	15.6 15.9 16.2 16.4 16.4 15.2 16.1 16.6	15.8 16.5 16.8 17.0 17.1 17.2 16.0 16.9	15.1 15.9 16.3 16.0 16.7 16.8 15.5 16.5	e 16.1 16.8 17.1 17.4 17.5 17.5 16.3 17.2	17.1 17.4 17.7 17.8 17.9	15.0 15.1 15.1 15.1 15.1 15.1 15.9	15.8 15.9 16.0 15.9 15.9 15.8	endwise 15.0 15.4 15.5 15.5 15.5 15.5 16.3	16.0 16.2 16.3 16.2 16.2 16.2 16.2	16.5 16.0 16.0 16.0 16.5
2H 3H 4H 6H 8H 12H 2H 3H 4H	15.6 15.9 16.2 16.4 16.4 15.2 16.1 16.6	15.8 16.5 16.8 17.0 17.1 17.2 16.0 16.9	15.1 15.9 16.3 16.6 16.7 16.8 15.5 16.5	16.1 16.8 17.1 17.4 17.5 17.5 16.3 17.2	17.1 17.4 17.7 17.8 17.9	15.0 15.1 15.1 15.1 15.1 15.1 15.9	15.8 15.9 16.0 15.9 15.9 15.8	15.0 15.4 15.4 15.5 15.5 15.5 16.3	16.0 16.2 16.3 16.2 16.2 16.2 16.2	16.9 16.0 16.0 16.0 16.9
3H 4H 6H 8H 12H 2H 3H 4H	15.6 15.9 16.2 16.4 16.4 15.2 16.1 16.6	16.5 16.8 17.0 17.1 17.2 16.0 16.9	15.9 16.3 16.6 16.7 16.8 15.5 16.5	16.8 17.1 17.4 17.5 17.5 16.3 17.2	17.1 17.4 17.7 17.8 17.9	15.0 15.1 15.1 15.1 15.1 15.1 15.9	15.9 16.0 15.9 15.9 15.8	15.4 15.4 15.5 15.5 15.5 16.3	16.2 16.3 16.2 16.2 16.2 16.2	16.9 16.0 16.0 16.0 16.9
4H 6H 8H 12H 2H 3H 4H	15.9 16.2 16.4 16.4 15.2 16.1 16.6	16.8 17.0 17.1 17.2 16.0 16.9	16.3 16.6 16.7 16.8 15.5 16.5	17.1 17.4 17.5 17.5 16.3 17.2	17.4 17.7 17.8 17.9	15.1 15.1 15.1 15.1 15.1	16.0 15.9 15.9 15.8	15.4 15.5 15.5 15.5 15.5	16.3 16.2 16.2 16.2 16.2	16.0 16.0 16.0 16.5
6H 8H 12H 2H 3H 4H	16.2 16.4 16.4 15.2 16.1 16.6	17.0 17.1 17.2 16.0 16.9	16.6 16.7 16.8 15.5 16.5	17.4 17.5 17.5 16.3 17.2	17.7 17.8 17.9 16.6	15.1 15.1 15.1 15.1	15.9 15.9 15.8 16.8	15.5 15.5 15.5 15.3	16.2 16.2 16.2 16.2	16.0 16.0 16.5
8H 12H 2H 3H 4H	16.4 16.4 15.2 16.1 16.6	17.1 17.2 16.0 16.9	16.7 16.8 15.5 16.5	17.5 17.5 16.3 17.2	17.8 17.9 16.6	15.1 15.1 15.9	15.9 15.8 16.8	15.5 15.5 16.3	16.2 16.2 17.1	16.0 16.5
12H 2H 3H 4H	16.4 15.2 16.1 16.6	17.2 16.0 16.9	16.8 15.5 16.5	17.5 16.3 17.2	17.9 16.6	15.1 15.9	15.8 16.8	15.5 16.3	16.2 17.1	16.5
2H 3H 4H	15.2 16.1 16.6	16.0 16.9	15.5 16.5	16.3 17.2	16.6	15.9	1 <mark>6.8</mark>	16.3	17.1	12224
3H 4H	16.1 16.6	16.9	16.5	17.2						17.4
4H	16.6				17.6	16 /				
		17.3				10.4	17.1	16.8	17.5	17.
6H			17.0	17.7	18.1	16.6	17.2	17.0	17.6	18.
	17.1	17.7	17.5	18.1	18.5	16.7	17.3	17.1	17.7	18.
HS	17.3	17.8	17.7	18.2	18.7	16.7	17.3	17.2	17.7	18.
12H	17.4	17.9	17.8	18.3	18.8	16.8	17.2	17.2	17.7	18.
4H	16.8	17.4	17.3	17.8	18.2	17.3	17.8	17.7	18.2	18.
6H	17.4	17.9	17.9	18.3	18.8	17.5	18.0	18.0	18.4	18.
8H	17.7	18.1	18.2	18.6	19.1	17.6	18.0	18.1	18.5	19.0
12H	17.9	18.3	18.4	18.7	19.3	17.7	18.1	18.2	18.6	19.
4H	16.8	17.3	17.3	17.7	18.2	17.4	17.9	17.9	18.3	18.
бH	17.5	17.9	18.0	18.3	18.8	17.7	18.1	18.2	18.6	19.
8H	17.8	<mark>18</mark> .1	18.3	18.6	19.2	17.9	18.2	18.4	18.7	19.
ons wit	th the ot	oserver p	osition	at spacin	ig:	000				
1.0H		0	.3 / -0.	.3	0.3 / -0.3					
1.5H		0	.4 / -0.	8.	0.5 / -0.8					
1	6H 8H 12H 4H 6H 8H ns wi	6H 17.4 8H 17.7 12H 17.9 4H 16.8 6H 17.5 8H 17.8 ns with the ol .0H .5H	6H 17.4 17.9 8H 17.7 18.1 12H 17.9 18.3 4H 16.8 17.3 6H 17.5 17.9 8H 17.8 18.1 IT 17.8 18.1 IN 17.8 18.1 IN 17.8 18.1 IN 17.8 18.1	6H 17.4 17.9 17.9 8H 17.7 18.1 18.2 12H 17.9 18.3 18.4 4H 16.8 17.3 17.3 6H 17.5 17.9 18.0 8H 17.5 17.9 18.0 8H 17.8 18.1 18.3 9H 0.3 / -0 0.3 / -0 .0H 0.3 / -0 .5H 0.4 / -0	6H 17.4 17.9 17.9 18.3 8H 17.7 18.1 18.2 18.6 12H 17.9 18.3 18.4 18.7 4H 16.8 17.3 17.3 17.7 6H 17.5 17.9 18.0 18.3 8H 17.7 17.9 18.0 18.3 8H 17.8 18.1 18.3 18.6 ns with the observer position at spacin 0.3 / -0.3 5H 0.4 / -0.8	8H 17.4 17.9 17.9 18.3 18.8 8H 17.7 18.1 18.2 18.6 19.1 12H 17.9 18.3 18.4 18.7 19.3 4H 16.8 17.3 17.3 17.7 18.2 6H 17.5 17.9 18.0 18.3 18.8 8H 17.8 18.1 18.3 18.6 19.2	8H 17.4 17.9 17.9 18.3 18.8 17.5 8H 17.7 18.1 18.2 18.6 19.1 17.6 12H 17.9 18.3 18.4 18.7 19.3 17.7 4H 16.8 17.3 17.3 17.7 18.2 17.4 0H 17.5 17.9 18.0 18.3 18.8 17.7 8H 17.5 17.9 18.0 18.3 18.8 17.7 8H 17.5 17.9 18.0 18.3 18.8 17.7 9H 17.8 18.1 18.3 18.6 19.2 17.9 ns with the observer position at spacing: .0H 0.3 / -0.3 .5H 0.4 / -08 .4	6H 17.4 17.9 17.9 18.3 18.8 17.5 18.0 8H 17.7 18.1 18.2 18.6 19.1 17.6 18.0 12H 17.9 18.3 18.4 18.7 19.3 17.7 18.1 4H 16.8 17.3 17.7 18.2 17.4 17.9 6H 17.5 17.9 18.0 18.3 18.8 17.7 18.1 4H 16.8 17.3 17.7 18.2 17.4 17.9 0H 17.5 17.9 18.0 18.3 18.8 17.7 18.1 8H 17.8 18.1 18.3 18.6 19.2 17.9 18.2 ns with the observer position at spacing: .0H 0.3 / -0.3 0.4 / -0.8	6H 17.4 17.9 17.9 18.3 18.8 17.5 18.0 18.0 8H 17.7 18.1 18.2 18.6 19.1 17.6 18.0 18.1 12H 17.9 18.3 18.4 18.7 19.3 17.7 18.1 18.2 4H 16.8 17.3 17.7 18.2 17.4 17.9 17.9 0H 17.5 17.9 18.0 18.3 18.8 17.7 18.1 18.2 8H 17.8 18.1 18.0 18.3 18.8 17.7 18.1 18.2 9H 17.5 17.9 18.0 18.3 18.8 17.7 18.1 18.2 17.8 18.1 18.3 18.6 19.2 17.9 18.2 18.4 9H 0.3 / -0.3 0.3 / -0.3 0.3 / -0.5 0.3 / -0.5 0.5 / -0.5 0.5 / -0.5	6H 17.4 17.9 17.9 18.3 18.8 17.5 18.0 18.0 18.4 8H 17.7 18.1 18.2 18.6 19.1 17.6 18.0 18.1 18.5 12H 17.9 18.3 18.4 18.7 19.3 17.7 18.1 18.2 18.6 4H 16.8 17.3 17.3 17.7 18.2 17.4 17.9 17.9 18.3 0H 17.5 17.9 18.0 18.3 18.8 17.7 18.1 18.2 18.6 0H 17.5 17.9 18.0 18.3 18.8 17.7 18.1 18.2 18.6 17.8 18.1 18.3 18.6 19.2 17.9 18.2 18.6 17.8 18.1 18.3 18.6 19.2 17.9 18.2 18.6 17.8 18.1 18.3 18.6 19.2 17.9 18.2 18.7 tht