Design iGuzzini iGuzzini

Last information update: March 2025

Product configuration: QL83

QL83: Ø597mm - warm white - Microprismatic - DALI



Product code

QL83: Ø597mm - 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)
 7.5



wall surface|ceiling surface

Wirin

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

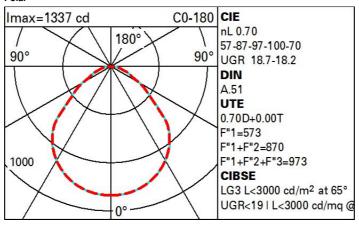
TPb rated

IP20 IP43 for optical assembly C € (See assembly C) Find the second of t

Technical data

Im system:	3115	Colour temperature [K]:	3000
W system:	26.5	MacAdam Step:	3
Im source:	4450	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
W source:	23	Lamp code:	LED
Luminous efficiency (lm/W, real value):	117.5	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		

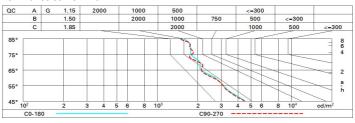
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	49	42	38	34	42	37	37	33	47
1.0	54	48	43	40	47	43	42	38	54
1.5	61	56	52	49	54	51	50	46	66
2.0	64	61	57	55	59	56	56	52	74
2.5	67	63	61	58	62	60	59	55	79
3.0	68	66	63	61	64	62	61	58	83
4.0	70	68	66	64	66	65	64	61	87
5.0	71	69	68	66	68	66	65	62	89

Luminance curve limit



Riflect. ceilicav walls work p Room (x 2H	v ol.	0.70 0.50 0.20 16.2 17.0 17.4 17.7 17.8 17.9	0.70 0.30 0.20 17.3 18.0 18.3 18.5 18.6 18.7	0.50 0.50 0.20 viewed crosswise 16.5 17.4 17.7 18.1 18.2 18.3	0.50 0.30 0.20 e 17.6 18.3 18.6 18.9 19.0	0.30 0.30 0.20 17.8 18.6 18.9 19.2 19.3 19.4	0.70 0.50 0.20 16.2 16.4 16.5 16.5	0.70 0.30 0.20 17.2 17.4 17.4 17.3 17.3	0.50 0.50 0.20 viewed endwise 16.5 16.8 16.9 16.9	17.5 17.7 17.7 17.7	0.30 0.30 0.20 17.3 18.0 18.0
walls work p Room o x 2H	2H 3H 4H 6H 8H 12H	16.2 17.0 17.4 17.7 17.8 17.9	17.3 18.0 18.5 18.6 18.7	0.50 0.20 viewed crosswise 16.5 17.4 17.7 18.1 18.2	0.30 0.20 e 17.6 18.3 18.6 18.9 19.0	0.30 0.20 17.8 18.6 18.9 19.2 19.3	0.50 0.20 16.2 16.4 16.5 16.5	0.30 0.20 17.2 17.4 17.4 17.3	0.50 0.20 viewed endwise 16.5 16.8 16.9 16.9	0.30 0.20 17.5 17.7 17.7	0.30 0.20 17.7 18.0 18.0
work p Room (x 2H	2H 3H 4H 6H 8H 12H 2H 3H	16.2 17.0 17.4 17.7 17.8 17.9	17.3 18.0 18.3 18.5 18.6 18.7	0.20 viewed crosswise 16.5 17.4 17.7 18.1 18.2	0.20 e 17.6 18.3 18.6 18.9 19.0	17.8 18.6 18.9 19.2 19.3	16.2 16.4 16.5 16.5	17.2 17.4 17.4 17.3	0.20 viewed endwise 16.5 16.8 16.9 16.9	0.20 17.5 17.7 17.7 17.7	17.1 18.0 18.0
Room (x 2H	2H 3H 4H 6H 8H 12H 2H 3H	16.2 17.0 17.4 17.7 17.8 17.9	17.3 18.0 18.3 18.5 18.6 18.7	16.5 17.4 17.7 18.1 18.2	17.6 18.3 18.6 18.9 19.0	17.8 18.6 18.9 19.2 19.3	16.2 16.4 16.5 16.5	17.2 17.4 17.4 17.3	viewed endwise 16.5 16.8 16.9 16.9	17.5 17.7 17.7 17.7	17. 18.0 18.0
2H	2H 3H 4H 6H 8H 12H	17.0 17.4 17.7 17.8 17.9	17.3 18.0 18.3 18.5 18.6 18.7	16.5 17.4 17.7 18.1 18.2	17.6 18.3 18.6 18.9	18.6 18.9 19.2 19.3	16.4 16.5 16.5	17.4 17.4 17.3	16.5 16.8 16.9 16.9	17.5 17.7 17.7 17.7	18. 18.
2H 4H	2H 3H 4H 6H 8H 12H	17.0 17.4 17.7 17.8 17.9	17.3 18.0 18.3 18.5 18.6 18.7	16.5 17.4 17.7 18.1 18.2	17.6 18.3 18.6 18.9	18.6 18.9 19.2 19.3	16.4 16.5 16.5	17.4 17.4 17.3	16.5 16.8 16.9 16.9	17.5 17.7 17.7 17.7	18. 18.
4Н	3H 4H 6H 8H 12H 2H 3H	17.0 17.4 17.7 17.8 17.9	18.0 18.3 18.5 18.6 18.7	17.4 17.7 18.1 18.2	18.3 18.6 18.9 19.0	18.6 18.9 19.2 19.3	16.4 16.5 16.5	17.4 17.4 17.3	16.8 16.9 16.9	17.7 17.7 17.7	18. 18.
	4H 6H 8H 12H 2H 3H	17.4 17.7 17.8 17.9	18.3 18.5 18.6 18.7	17.7 18.1 18.2	18.6 18.9 19.0	18.9 19.2 19.3	16.5 16.5	17.4 17.3	16.9 16.9	17.7 17.7	18.
	6H 8H 12H 2H 3H	17.7 17.8 17.9	18.5 18.6 18.7	18.1 18.2	18.9 19.0	19.2 19.3	16.5	17.3	16.9	17.7	
	8H 12H 2H 3H	17.8 17.9 16.6	18.6 18.7	18.2	19.0	19.3	0.00				18.
	12H 2H 3H	17.9 16.6	18.7				16.5	17.3	16.0	47.0	
	2H 3H	16.6	27000	18.3	19.0	10 /	1		10.9	17.6	18.
	ЗН		17.5			13.4	16.5	17.2	16.9	17.6	17.
	1000	17 6		16.9	17.8	18.1	17.3	18.2	17.7	18.5	18.
	AH.	17.0	18.3	18.0	18.7	19.1	17.8	18.5	18.2	18.9	19.
	40	18.1	18.7	18.5	19.1	19.5	18.0	18.6	18.4	19.0	19.
	6H	18.5	19.1	18.9	19.5	19.9	18.1	18.7	18.6	19.1	19.
	H8	18.7	19.2	19.1	19.6	20.1	18.2	18.7	18.6	19.1	19.
	12H	18.8	19.3	19.2	19.7	20.2	18.2	18.7	18.6	19.1	19.
HS	4H	18.2	18.8	18.7	19.2	19.6	18.6	19.1	19.0	19.5	20.
	бН	18.8	19.3	19.3	19.7	20.2	18.9	19.3	19.4	19.8	20.
	H8	19.1	19.5	19.6	19.9	20.4	19.0	19.4	19.5	19.8	20.
	12H	19.2	19.6	19.8	20.1	20.6	19.1	19.4	19.6	19.9	20.
12H	4H	18.2	18.7	18.7	19.2	19.6	18.7	19.2	19.2	19.6	20.
	6H	18.9	19.2	19.3	19.7	20.2	19.0	19.4	19.5	19.9	20.
	H8	19.1	19.5	19.6	20.0	20.5	19.2	19.5	19.7	20.0	20.
Variation	ions wit	th the ob	oserverp	noitieo	at spacin	g:					
5 =	1.0H	0.3 / -0.3					0.3 / -0.3				
	1.5H	0.5 / -0.9					0.6 / -0.9				

QL83_EN 2 / 2