Isola

Design iGuzzini **iGuzzini**

Last information update: July 2025

Product configuration: QL86
QL86: Ø887mm - warm white - Microprismatic - DALI

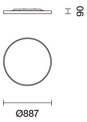
Product code
QL86: Ø887mm - warm white - Microprismatic - DALI

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

Mounting
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

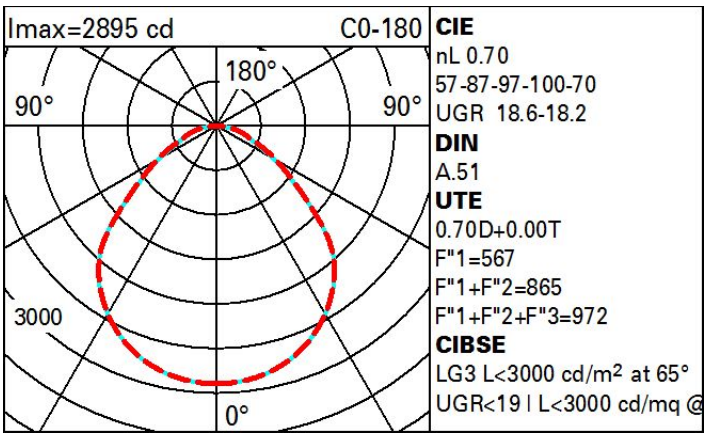
Complies with EN60598-1 and pertinent regulations

IP20

Technical data

lm system:	6825	Colour temperature [K]:	3000
W system:	54.7	MacAdam Step:	3
lm 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
lm 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		

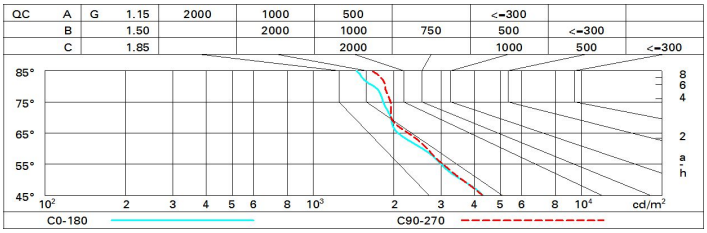
Polar



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



UGR diagram

Corrected UGR values (at 9750 lm bare lamp luminous flux)

Riflect.: 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	16.2	17.2	16.5	17.5	17.7	16.1	17.2	16.4	17.5	17.7
	3H	17.0	17.9	17.3	18.2	18.5	16.4	17.4	16.8	17.7	18.0
	4H	17.3	18.2	17.7	18.5	18.8	16.5	17.4	16.9	17.7	18.0
	6H	17.6	18.4	18.0	18.8	19.1	16.5	17.3	16.9	17.7	18.0
	8H	17.7	18.5	18.1	18.9	19.2	16.5	17.3	16.9	17.6	18.0
	12H	17.8	18.6	18.2	18.9	19.3	16.5	17.2	16.9	17.6	17.9
4H	2H	16.5	17.4	16.9	17.7	18.1	17.3	18.2	17.7	18.5	18.9
	3H	17.6	18.3	17.9	18.7	19.0	17.8	18.6	18.2	18.9	19.3
	4H	18.0	18.7	18.4	19.1	19.5	18.0	18.7	18.4	19.1	19.5
	6H	18.5	19.1	18.9	19.5	19.9	18.1	18.7	18.6	19.1	19.6
	8H	18.6	19.2	19.1	19.6	20.0	18.2	18.7	18.6	19.1	19.6
	12H	18.7	19.2	19.2	19.7	20.1	18.2	18.7	18.7	19.1	19.6
8H	4H	18.2	18.8	18.7	19.2	19.6	18.7	19.2	19.1	19.6	20.1
	6H	18.8	19.3	19.3	19.7	20.2	18.9	19.4	19.4	19.8	20.3
	8H	19.0	19.4	19.5	19.9	20.4	19.0	19.4	19.5	19.9	20.4
	12H	19.2	19.6	19.7	20.0	20.6	19.1	19.4	19.6	19.9	20.5
12H	4H	18.2	18.7	18.7	19.1	19.6	18.8	19.3	19.2	19.7	20.2
	6H	18.8	19.2	19.3	19.7	20.2	19.1	19.5	19.6	19.9	20.4
	8H	19.1	19.5	19.6	20.0	20.5	19.2	19.6	19.7	20.0	20.6

Variations with the observer position at spacing:

S =			
	1.0H	0.3 / -0.3	0.3 / -0.3
	1.5H	0.4 / -0.8	0.5 / -0.7
	2.0H	1.0 / -1.2	1.0 / -1.1