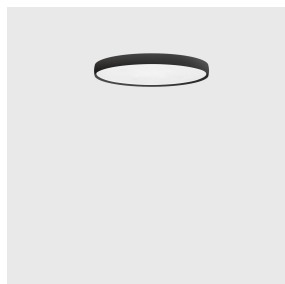


Product configuration: QL92

QL92: Ø597mm - warm white - Microprismatic - DALI



QL92: Ø597mm - warm white - Microprismatic - DALI

Round luminaire for ceiling-mounted installation with option of recessed or pendant installation via an accessory to be ordered separately. Up/down 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.

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

Colour
White (01) | Black (04)

Weight (Kg)
7.5

wall surface|ceiling surface

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).

Complies with EN60598-1 and pertinent regulations



Im system:	3492	Colour temperature [K]:	3000
W system:	29.1	MacAdam Step:	3
Im source:	4850	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
W source:	26	Lamp code:	LED
Luminous efficiency (lm/W, real value):	120	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]:	133	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	72	Control:	DALI-2
CRI (minimum):	80		

Imax=1441 cd **C0-180**

90° 180° 90°

1500

0°

CIE
nL 0.72
57-87-97-96-72
UGR 18.6-18.2

DIN
A.53

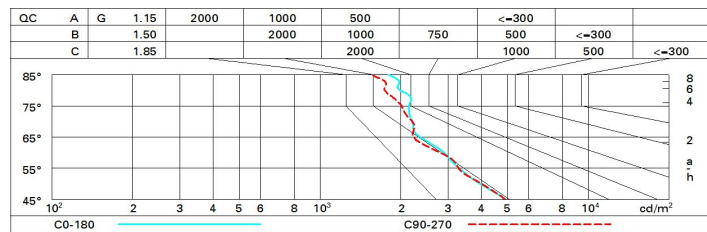
UTE
0.69D+0.03T
F"1=573
F"1+F"2=869
F"1+F"2+F"3=973

CIBSE
LG3 L<3000 cd/m² at 65°
UGR<19 | L<3000 cd/mq @

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	50	43	38	35	42	38	37	32	47
1.0	55	48	44	40	47	43	42	37	54
1.5	61	56	52	49	55	51	50	46	66
2.0	65	61	58	55	60	57	56	51	74
2.5	68	64	62	59	63	60	59	55	79
3.0	69	67	64	62	65	63	61	57	83
4.0	71	69	67	65	67	65	64	60	87
5.0	72	70	69	67	68	67	65	62	89

Luminance curve limit



UGR diagram

Corrected UGR values (at 4850 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2H	2H	16.2	17.2	16.5	17.5	17.9	16.2	17.3	16.6	17.6	17.9
	3H	17.0	17.9	17.4	18.3	18.6	16.5	17.4	16.9	17.8	18.2
	4H	17.4	18.2	17.8	18.6	19.0	16.6	17.4	17.0	17.8	18.2
	6H	17.7	18.5	18.1	18.9	19.3	16.6	17.4	17.0	17.8	18.2
	8H	17.8	18.6	18.3	19.0	19.4	16.6	17.3	17.0	17.7	18.2
	12H	17.9	18.6	18.4	19.0	19.5	16.5	17.3	17.0	17.7	18.1
4H	2H	16.5	17.4	16.9	17.7	18.1	17.4	18.2	17.8	18.6	19.0
	3H	17.5	18.2	18.0	18.7	19.1	17.8	18.6	18.3	19.0	19.4
	4H	18.0	18.6	18.5	19.1	19.5	18.0	18.7	18.5	19.1	19.6
	6H	18.4	19.0	18.9	19.5	20.0	18.2	18.7	18.7	19.2	19.7
	8H	18.6	19.1	19.1	19.6	20.2	18.2	18.7	18.7	19.2	19.7
	12H	18.8	19.2	19.3	19.7	20.3	18.2	18.7	18.7	19.2	19.7
8H	4H	18.2	18.7	18.7	19.2	19.7	18.6	19.1	19.1	19.6	20.1
	6H	18.7	19.2	19.3	19.7	20.2	18.9	19.3	19.4	19.8	20.4
	8H	19.0	19.4	19.5	19.9	20.5	19.0	19.4	19.6	19.9	20.5
	12H	19.2	19.5	19.7	20.0	20.7	19.1	19.4	19.7	20.0	20.6
12H	4H	18.2	18.6	18.7	19.1	19.7	18.7	19.2	19.2	19.7	20.2
	6H	18.8	19.1	19.3	19.7	20.3	19.0	19.4	19.6	19.9	20.5
	8H	19.1	19.4	19.6	19.9	20.5	19.2	19.5	19.8	20.1	20.7
Variations with the observer position at spacing:											
S =	1.0H	0.3 / -0.3					0.3 / -0.3				
	1.5H	0.5 / -0.7					0.5 / -1.0				
	2.0H	1.1 / -1.2					1.1 / -1.1				