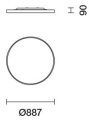


Last information update: March 2025

**Product configuration: QM09**

QM09: Ø887mm - warm white - Microprismatic - DALI



**Product code**

QM09: 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. 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.

**Installation**

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

**Colour**

White (01) | Black (04)

**Weight (Kg)**

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).

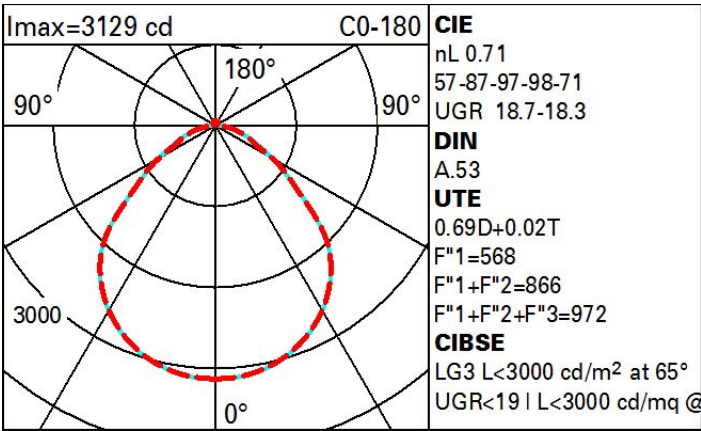
Complies with EN60598-1 and pertinent regulations



**Technical data**

lm system:	7526	Colour temperature [K]:	3000
W system:	64.6	MacAdam Step:	3
lm source:	10600	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
W source:	59	Lamp code:	LED
Luminous efficiency (lm/W, real value):	116.5	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]:	172	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	71	Control:	DALI-2
CRI (minimum):	90		

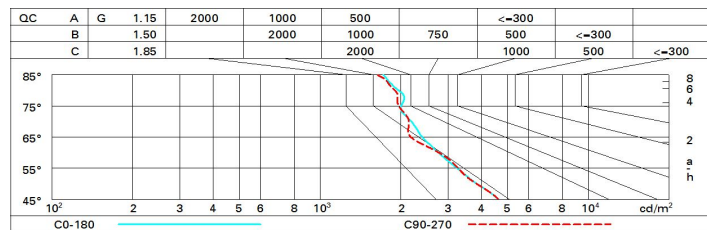
**Polar**



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	49	42	38	34	41	37	36	32	46
1.0	54	48	43	40	46	42	42	37	54
1.5	61	56	52	49	54	51	50	46	66
2.0	65	61	57	55	59	56	55	51	74
2.5	67	64	61	59	62	60	59	55	79
3.0	69	66	63	61	64	62	61	57	82
4.0	70	68	66	64	66	65	63	60	86
5.0	72	70	68	67	68	66	65	62	89

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 10000 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	10.2	17.3	10.0	17.0	17.9	10.2	17.3	10.0	17.0	17.9
	3H	17.1	18.0	17.4	18.3	18.7	10.5	17.5	10.9	17.8	18.1
	4H	17.4	18.3	17.8	18.7	19.0	10.6	17.5	17.0	17.8	18.2
	6H	17.8	18.6	18.2	18.9	19.3	10.6	17.4	17.0	17.8	18.2
	8H	17.9	18.7	18.3	19.0	19.4	10.6	17.4	17.0	17.8	18.2
	12H	18.0	18.7	18.4	19.1	19.5	10.6	17.3	17.0	17.7	18.1
4H	2H	10.0	17.5	17.0	17.8	18.2	17.4	18.3	17.8	18.0	19.0
	3H	17.0	18.4	18.1	18.8	19.2	17.9	18.0	18.3	19.0	19.4
	4H	18.1	18.7	18.5	19.2	19.6	18.1	18.7	18.5	19.2	19.6
	6H	18.0	19.1	19.0	19.6	20.0	18.2	18.8	18.7	19.3	19.7
	8H	18.7	19.3	19.2	19.7	20.2	18.3	18.8	18.8	19.3	19.8
	12H	18.9	19.3	19.3	19.8	20.3	18.3	18.8	18.8	19.2	19.7
8H	4H	18.3	18.8	18.8	19.3	19.8	18.7	19.2	19.2	19.7	20.2
	6H	18.9	19.3	19.4	19.8	20.3	19.0	19.4	19.5	19.9	20.4
	8H	19.1	19.5	19.6	20.0	20.5	19.1	19.5	19.6	20.0	20.5
	12H	19.3	19.6	19.8	20.2	20.7	19.2	19.5	19.7	20.0	20.6
12H	4H	18.3	18.8	18.8	19.2	19.7	18.8	19.3	19.3	19.8	20.3
	6H	18.9	19.3	19.4	19.8	20.3	19.1	19.5	19.7	20.0	20.6
	8H	19.2	19.5	19.7	20.0	20.6	19.3	19.6	19.8	20.1	20.7
Variations with the observer position at spacing:											
S =		1.0H					0.3 / -0.2				
		1.5H					0.5 / -0.8				
		2.0H					1.0 / -1.1				