

Last information update: March 2025

**Product configuration: QA05.01**

QA05.01: Ø59 Tech - DALI - Flood Beam - White

**Product code**

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**Technical description**

Cylindrical lighting body for ceiling or pendant-mounted applications. Fixed optic lighting system with a high definition reflector made of metallised thermoplastic. The LEDs are set back to minimize glare and guarantee a high level of visual comfort. Structural cylinder made of painted extruded aluminium with an inner ring made of thermoplastic available in different painted or metallised finishes. Glass cover Using specific accessory kits, ceiling or pendant-mounted installations can be made with minimum intervention and simplified by a practical bayonet coupling system. DALI dimmable driver integrated in the luminaire.

**Installation**

Ceiling or pendant-mounted - use the appropriate assembly kits available with a separate item code.

**Colour**

White (01)

**Weight (Kg)**

0.47

**Mounting**

ceiling surface|ceiling pendant

**Wiring**

The lighting body is fitted with an internal terminal board for connecting it to the power line or pendant cable.

**Notes**

A wide range of decorative accessories and diffusers is available.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	878	Colour temperature [K]:	3000
W system:	12.3	MacAdam Step:	2
Im source:	1140	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	11	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):	71.4	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	77	Number of optical assemblies:	1
Beam angle [°]:	44°	Control:	DALI-2
CRI (minimum):	90		

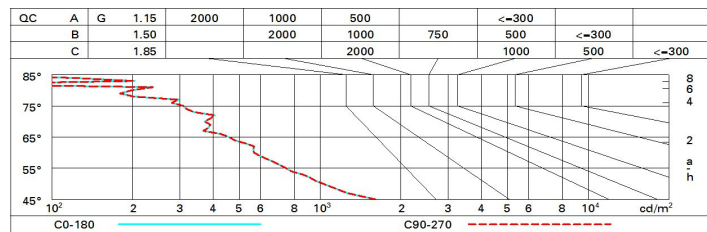
**Polar**

Imax=1901 cd		CIE		Lux			
90°	180°	nL 0.77		h	d	Em	E <sub>max</sub>
		100-100-100-100-77		2	1.6	378	475
		UGR <10-10		4	3.2	94	119
		DIN A.61		6	4.8	42	53
		UTE 0.77A+0.00T		8	6.4	24	30
		F*1=997					
		F*1+F*2=999					
		F*1+F*2+F*3=1000					
		CIBSE LG3 L<1500 cd/m² at 65°					
		UGR<10   L<1500 cd/mq @ 65°					
α=44°							

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	66	63	62	65	63	63	60	78
1.0	73	69	67	65	69	67	66	64	83
1.5	76	74	72	70	73	71	70	68	89
2.0	78	77	75	74	76	74	74	72	93
2.5	80	79	78	77	78	77	76	74	96
3.0	81	80	79	79	79	78	77	75	98
4.0	82	81	81	80	80	79	78	76	99
5.0	82	82	81	81	81	80	79	77	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1140 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	7.6	8.2	7.9	8.4	8.7	7.6	8.2	7.9	8.4	8.7
	3H	7.5	8.0	7.8	8.3	8.6	7.5	8.0	7.8	8.3	8.6
	4H	7.4	7.9	7.8	8.2	8.5	7.4	7.9	7.8	8.2	8.5
	6H	7.4	7.8	7.7	8.1	8.4	7.4	7.8	7.7	8.1	8.4
	8H	7.3	7.8	7.7	8.1	8.4	7.3	7.7	7.7	8.1	8.4
	12H	7.3	7.7	7.7	8.0	8.4	7.3	7.7	7.7	8.0	8.4
4H	2H	7.4	7.9	7.8	8.2	8.5	7.4	7.9	7.8	8.2	8.5
	3H	7.3	7.7	7.7	8.0	8.4	7.3	7.7	7.7	8.0	8.4
	4H	7.2	7.6	7.6	7.9	8.3	7.2	7.6	7.6	7.9	8.3
	6H	7.1	7.4	7.6	7.8	8.3	7.1	7.4	7.6	7.8	8.3
	8H	7.1	7.4	7.5	7.8	8.2	7.1	7.4	7.5	7.8	8.2
	12H	7.0	7.3	7.5	7.7	8.2	7.0	7.3	7.5	7.7	8.2
8H	4H	7.1	7.4	7.5	7.8	8.2	7.1	7.4	7.5	7.8	8.2
	6H	7.0	7.2	7.5	7.7	8.2	7.0	7.2	7.5	7.7	8.2
	8H	6.9	7.1	7.4	7.6	8.1	6.9	7.1	7.4	7.6	8.1
	12H	6.9	7.1	7.4	7.6	8.1	6.9	7.1	7.4	7.6	8.1
12H	4H	7.0	7.3	7.5	7.7	8.2	7.0	7.3	7.5	7.7	8.2
	6H	6.9	7.1	7.4	7.6	8.1	6.9	7.1	7.4	7.6	8.1
	8H	6.9	7.1	7.4	7.6	8.1	6.9	7.1	7.4	7.6	8.1
Variations with the observer position at spacing:											
S =	1.0H	6.5 / -13.0					6.5 / -13.0				
	1.5H	9.4 / -13.8					9.4 / -13.8				
	2.0H	11.4 / -14.9					11.4 / -14.9				