

Last information update: May 2025

**Product configuration: QV77.D8**

QV77.D8: Ø 105 mm - neutral white - DALI - 12.9W 1691lm - 4000K - White Transparent

**Product code**

QV77.D8: Ø 105 mm - neutral white - DALI - 12.9W 1691lm - 4000K - White Transparent

**Technical description**

Round fixed luminaire designed to use LED lamps with C.o.B. technology. Version with rim for surface-mounting. Prismatic thermoplastic reflector complete with flux enhancer. Dissipater made of painted grey die-cast aluminium. Product complete with LED lamp in neutral white colour tone (4000K). General lighting beam.

**Installation**

Recessed using torsion springs which allow easy installation in false ceilings with thicknesses ranging from 1 mm to 25 mm.

**Colour**

White Transparent (D8)

**Weight (Kg)**

0.4

**Mounting**

ceiling surface

**Wiring**

product complete with DALI components

**Notes**

TPa version available on request, contact iGuzzini for more info

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1691	Colour temperature [K]:	4000
W system:	12.9	MacAdam Step:	2
Im source:	1900	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	11	Lamp code:	LED
Luminous efficiency (lm/W, real value):	131.1	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.) [%]:	89	Control:	DALI-2
CRI (minimum):	80		

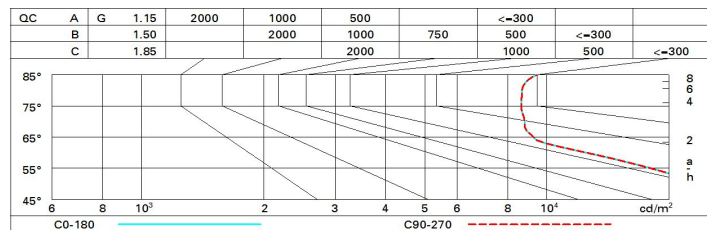
**Polar**

<p>Imax=1549 cd            90° 180° 90°            1500            0°            α=61°</p>	<b>CIE</b> nL 0.89 83-96-99-100-89 UGR 21.9-21.6 <b>DIN</b> A.61 <b>UTE</b> 0.89B+0.00T F*1=828 F*1+F*2=962 F*1+F*2+F*3=991				<b>Lux</b>			
	h	d	Em	Emax	h	d	Em	Emax
	1	1.2	1136	1549				
	2	2.4	284	387				
	3	3.6	126	172				
	4	4.8	71	97				

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	67	63	60	66	63	62	58	66
1.0	78	72	69	66	71	68	68	64	72
1.5	84	80	77	74	79	76	75	71	80
2.0	87	84	82	80	83	81	80	76	86
2.5	90	87	85	83	86	84	83	80	89
3.0	91	89	87	86	87	86	85	82	92
4.0	92	91	90	88	89	88	87	84	94
5.0	93	92	91	90	90	89	88	85	96

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1900 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	21.2	21.9	21.5	22.2	22.4	21.2	21.9	21.5	22.2	22.4
	3H	21.3	22.0	21.7	22.3	22.6	21.2	21.9	21.5	22.1	22.4
	4H	21.4	22.1	21.8	22.4	22.7	21.2	21.8	21.5	22.1	22.4
	6H	21.5	22.1	21.9	22.4	22.8	21.1	21.7	21.5	22.0	22.3
	8H	21.6	22.2	22.0	22.5	22.8	21.1	21.7	21.5	22.0	22.3
	12H	21.6	22.2	22.0	22.5	22.9	21.1	21.6	21.4	21.9	22.3
4H	2H	21.2	21.8	21.5	22.1	22.4	21.4	22.1	21.8	22.4	22.7
	3H	21.4	22.0	21.8	22.3	22.7	21.6	22.1	21.9	22.4	22.8
	4H	21.6	22.1	22.0	22.4	22.8	21.6	22.1	22.0	22.4	22.8
	6H	21.8	22.2	22.2	22.6	23.0	21.6	22.0	22.1	22.4	22.9
	8H	21.9	22.3	22.3	22.7	23.1	21.6	22.0	22.1	22.4	22.9
	12H	22.0	22.3	22.4	22.7	23.2	21.6	21.9	22.1	22.4	22.8
8H	4H	21.6	22.0	22.1	22.4	22.9	21.9	22.3	22.3	22.7	23.1
	6H	21.9	22.2	22.4	22.7	23.2	22.0	22.3	22.5	22.8	23.3
	8H	22.1	22.3	22.6	22.8	23.3	22.1	22.3	22.6	22.8	23.3
	12H	22.2	22.4	22.7	22.9	23.5	22.1	22.3	22.6	22.8	23.3
12H	4H	21.6	21.9	22.1	22.4	22.8	22.0	22.3	22.4	22.7	23.2
	6H	21.9	22.2	22.4	22.7	23.2	22.1	22.4	22.6	22.9	23.4
	8H	22.1	22.3	22.6	22.8	23.3	22.2	22.4	22.7	22.9	23.5
Variations with the observer position at spacing:											
S =		1.0H					1.5 / -1.6				
		1.5H					3.3 / -2.6				
		2.0H					4.9 / -2.9				