

Last information update: March 2025

**Product configuration: R764.83**

R764.83: Ø 225 mm - neutral white - DALI - 25.3W 2970lm - 4000K - CRI 90 - Black Transparent

**Product code**

R764.83: Ø 225 mm - neutral white - DALI - 25.3W 2970lm - 4000K - CRI 90 - Black 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**

Black Transparent (83)

**Weight (Kg)**

1.15

**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



IP20

IP54

On the visible part of  
the product once installed**Technical data**

Im system:	2805	Colour temperature [K]:	4000
W system:	25.3	MacAdam Step:	2
Im source:	3300	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	22	Lamp code:	LED
Luminous efficiency (Im/W, real value):	110.9	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.) [%]:	85	Control:	DALI-2
CRI (minimum):	90		

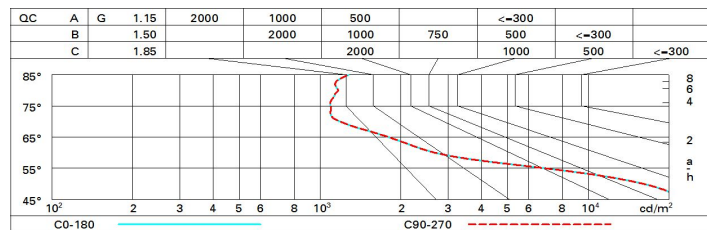
**Polar**

	<b>CIE</b> nL 0.85 78-98-100-100-85 UGR 19.1-19.0 <b>DIN</b> A.61 <b>UTE</b> 0.85B+0.00T F*1=780 F*1+F*2=983 F*1+F*2+F*3=997 <b>CIBSE</b> LG3 L<3000 cd/m² at 65°			
	<b>Lux</b>			
	h	d	Em	E <sub>max</sub>
	2	3.2	332	443
	4	6.4	83	111
	6	9.5	37	49
	8	12.7	21	28

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	68	62	58	54	61	57	57	53	62
1.0	73	67	63	61	66	63	62	58	69
1.5	79	75	72	69	74	71	70	67	79
2.0	83	80	77	75	79	76	75	72	85
2.5	85	83	81	79	81	79	78	75	89
3.0	87	85	83	81	83	82	80	78	91
4.0	88	86	85	84	85	84	82	80	94
5.0	89	87	86	85	86	85	83	81	95

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 3300 lm bare lamp luminous flux)											
Reflect.: ceiling 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	19.5	20.3	19.8	20.5	20.8	19.5	20.3	19.8	20.5	20.8
	3H	19.4	20.1	19.7	20.4	20.7	19.4	20.1	19.7	20.4	20.7
	4H	19.3	20.0	19.7	20.3	20.6	19.3	20.0	19.7	20.3	20.6
	6H	19.2	19.9	19.6	20.2	20.5	19.3	19.9	19.6	20.2	20.5
	8H	19.2	19.8	19.6	20.1	20.5	19.2	19.8	19.6	20.1	20.5
	12H	19.2	19.8	19.6	20.1	20.5	19.2	19.7	19.6	20.1	20.4
4H	2H	19.3	20.0	19.7	20.3	20.6	19.3	20.0	19.7	20.3	20.6
	3H	19.2	19.8	19.6	20.1	20.5	19.2	19.8	19.6	20.1	20.5
	4H	19.2	19.7	19.6	20.0	20.4	19.2	19.7	19.6	20.0	20.4
	6H	19.1	19.5	19.5	19.9	20.4	19.1	19.5	19.5	19.9	20.3
	8H	19.1	19.5	19.5	19.9	20.3	19.0	19.4	19.5	19.9	20.3
	12H	19.0	19.4	19.5	19.8	20.3	19.0	19.4	19.5	19.8	20.3
8H	4H	19.0	19.4	19.5	19.9	20.3	19.1	19.5	19.5	19.9	20.3
	6H	19.0	19.3	19.5	19.8	20.2	19.0	19.3	19.5	19.8	20.3
	8H	19.0	19.2	19.5	19.7	20.2	19.0	19.2	19.5	19.7	20.2
	12H	18.9	19.2	19.4	19.7	20.2	18.9	19.2	19.4	19.7	20.2
12H	4H	19.0	19.4	19.5	19.8	20.3	19.0	19.4	19.5	19.8	20.3
	6H	19.0	19.2	19.4	19.7	20.2	19.0	19.3	19.5	19.7	20.2
	8H	18.9	19.2	19.4	19.7	20.2	18.9	19.2	19.4	19.7	20.2
Variations with the observer position at spacing:											
S =	1.0H	1.5 / -4.5					1.5 / -4.5				
	1.5H	3.2 / -8.6					3.2 / -8.6				
	2.0H	5.1 / -9.7					5.1 / -9.7				