

Last information update: June 2018

**Diffused light luminaire - Neutral LED - DALI dimmable electronic control gear****Product code**

6792

**Technical description**

Diffused light luminaire, designed to use LED lamps. Anti UV-treated, polycarbonate, external body and end caps with a ribbed finish to contain any dazzle from direct light. The double cable gland provided allows max 15.5 mm Ø electric cables to be used. The end caps can be released using the stainless steel clips, so scheduled maintenance is tool-free. Complete with pass-through wiring for continuous line installations.

**Installation**

Horizontal or vertical, single or double pendant / surface (wall and ceiling) installation. For these various types of installation use the optional kits supplied.

**Dimension (mm)**

Ø80x1910

**Colour**

Clear transparent (24)

**Weight (Kg)**

3.65

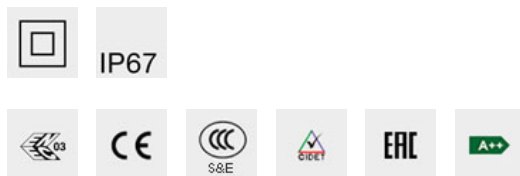
**Mounting**

wall surface|ceiling surface|ceiling pendant

**Wiring**

DALI dimmable electronic control gear integrated in the luminaire. Mains connection made with quick coupling terminal blocks.

Complies with EN60598-1 and pertinent regulations

**Product configuration: 6792****Product characteristics**

Total lighting output [Lm]: 4415  
 Total power [W]: 42  
 Luminous efficacy [Lm/W]: 105.1  
 Life Time: 50,000h - L80 - B10 (Ta 25°C)  
 Number of optical assemblies: 1

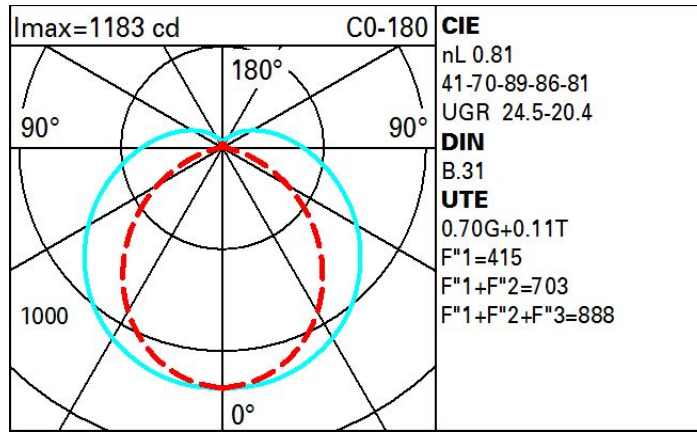
Total luminous flux at or above an angle of 90° [Lm]: 613  
 Emergency luminous flux [Lm]: /  
 Voltage [V]: -  
 Ambient temperature range: from -20°C to +35°C.

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 81  
 Lamp code: LED  
 ZVEI Code: LED  
 Nominal power [W]: 36  
 Nominal luminous [Lm]: 5450  
 Lamp maximum intensity [cd]: /  
 Beam angle [°]: /

Number of lamps for optical assembly: 1  
 Socket: /  
 Ballast losses [W]: 6  
 Colour temperature [K]: 4000  
 CRI: 80  
 Wavelength [Nm]: /  
 MacAdam Step: 3

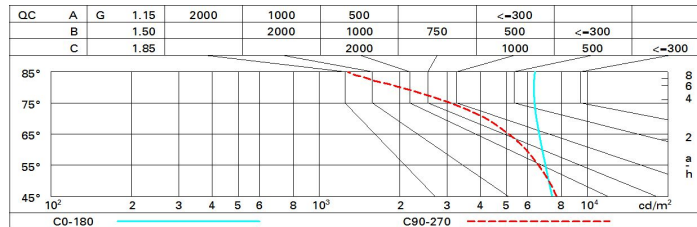
**Polar**



**Utilisation factors**

R	77	75	73	71	55	53	33	00	DRR
K0.8	49	40	34	29	37	32	31	24	35
1.0	54	45	39	34	43	37	36	29	41
1.5	62	54	49	44	51	46	44	37	53
2.0	66	60	55	51	57	53	50	43	62
2.5	69	64	60	56	60	57	54	47	67
3.0	71	67	63	59	63	60	57	50	71
4.0	74	70	67	64	66	64	60	54	77
5.0	76	73	70	67	69	66	63	56	80

**Luminance curve limit**



**UGR diagram**

Corrected UGR values (at 5450 lm bare lamp luminous flux)											
Reflect.:											
ceiling/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed					viewed				
x	y	crosswise					endwise				
2H	2H	18.7	19.8	19.3	20.3	20.9	17.1	18.1	17.6	18.7	19.2
	3H	20.8	21.8	21.4	22.3	22.9	17.7	18.7	18.2	19.2	19.8
	4H	21.8	22.7	22.4	23.3	23.9	18.0	18.9	18.5	19.4	20.1
	6H	22.8	23.7	23.4	24.3	24.9	18.2	19.0	18.8	19.6	20.2
	8H	23.3	24.1	23.9	24.7	25.4	18.2	19.1	18.8	19.6	20.3
	12H	23.8	24.6	24.4	25.2	25.9	18.2	19.0	18.8	19.6	20.3
4H	2H	19.2	20.2	19.8	20.7	21.3	18.3	19.3	18.9	19.8	20.4
	3H	21.5	22.3	22.1	22.9	23.6	19.2	20.0	19.8	20.6	21.3
	4H	22.7	23.4	23.3	24.0	24.7	19.7	20.4	20.3	21.0	21.7
	6H	23.9	24.5	24.5	25.2	25.9	20.2	20.8	20.8	21.5	22.2
	8H	24.5	25.1	25.1	25.7	26.5	20.4	21.0	21.1	21.7	22.4
	12H	25.1	25.6	25.7	26.3	27.0	20.6	21.1	21.3	21.8	22.6
8H	4H	23.0	23.5	23.6	24.2	24.9	20.0	20.6	20.6	21.2	22.0
	6H	24.4	24.9	25.1	25.5	26.3	20.7	21.2	21.4	21.9	22.7
	8H	25.1	25.5	25.8	26.2	27.0	21.2	21.6	21.8	22.3	23.1
	12H	25.9	26.2	26.6	27.0	27.8	21.6	22.0	22.3	22.7	23.5
12H	4H	22.9	23.5	23.6	24.2	24.9	20.0	20.5	20.6	21.2	21.9
	6H	24.4	24.9	25.1	25.6	26.4	20.8	21.2	21.4	21.9	22.7
	8H	25.2	25.6	26.0	26.3	27.1	21.2	21.6	22.0	22.3	23.2
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.1					0.1 / -0.1				
	1.5H	0.2 / -0.2					0.2 / -0.4				
	2.0H	0.2 / -0.2					0.3 / -0.6				