

Last information update: March 2025

**Product configuration: 6791.24**

6791.24: Diffused light luminaire - Neutral LED - DALI dimmable electronic control gear - 29W 3610.1lm - 4000K - Clear transparent

**Product code**

6791.24: Diffused light luminaire - Neutral LED - DALI dimmable electronic control gear - 29W 3610.1lm - 4000K - Clear transparent

**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.

**Colour**

Clear transparent (24)

**Weight (Kg)**

2.95

**Mounting**

wall surface|ceiling surface|ceiling pendant

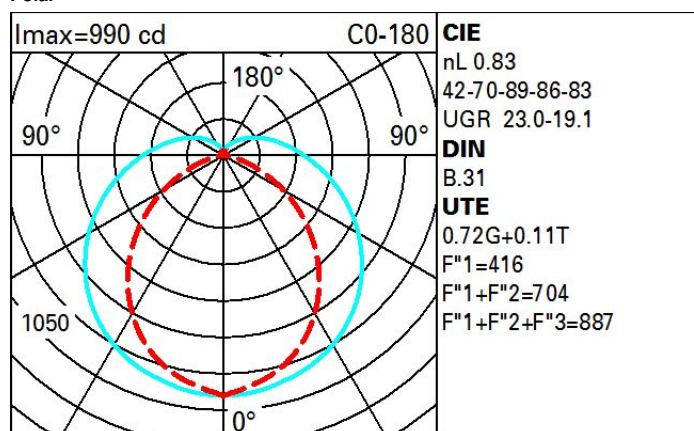
**Wiring**

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

Complies with EN60598-1 and pertinent regulations

**Technical data**

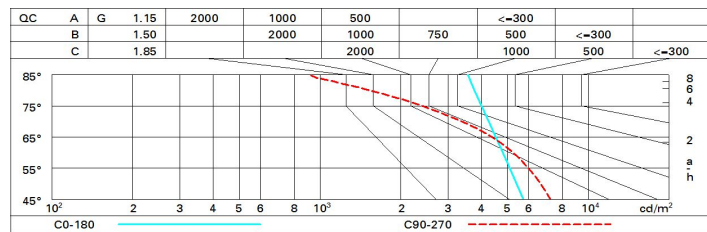
lm system:	3610	Colour temperature [K]:	4000
W system:	29	MacAdam Step:	3
lm source:	4350	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
W source:	26	Lamp code:	LED
Luminous efficiency (lm/W, real value):	124.5	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	498	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	83	Intervallum temperatura ambiente:	from -20°C to 35°C.
CRI (minimum):	80	Control:	DALI-2

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	50	41	34	30	38	33	31	25	35
1.0	55	46	40	35	44	38	37	30	41
1.5	63	56	50	45	53	48	45	38	53
2.0	68	62	57	52	58	54	51	44	62
2.5	71	66	61	57	62	58	55	48	67
3.0	73	69	64	61	65	61	58	51	72
4.0	76	72	69	66	68	65	62	55	77
5.0	78	74	71	69	70	68	64	58	80

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 4350 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	17.7	18.7	18.2	19.3	19.8	16.2	17.3	16.7	17.8	18.4
	3H	19.6	20.6	20.2	21.1	21.7	16.7	17.7	17.3	18.2	18.8
	4H	20.5	21.4	21.1	22.0	22.6	17.0	17.9	17.5	18.4	19.1
	6H	21.4	22.3	22.0	22.9	23.5	17.1	18.0	17.7	18.6	19.2
	8H	21.9	22.7	22.5	23.3	23.9	17.2	18.0	17.8	18.6	19.2
	12H	22.3	23.1	22.9	23.7	24.3	17.2	18.0	17.8	18.6	19.2
4H	2H	18.1	19.0	18.7	19.6	20.2	17.3	18.2	17.9	18.8	19.4
	3H	20.3	21.1	20.9	21.7	22.3	18.1	18.9	18.7	19.5	20.1
	4H	21.4	22.1	22.0	22.7	23.4	18.5	19.2	19.1	19.8	20.5
	6H	22.5	23.1	23.1	23.7	24.5	18.9	19.6	19.6	20.2	20.9
	8H	23.0	23.6	23.6	24.2	25.0	19.1	19.7	19.8	20.4	21.1
	12H	23.5	24.0	24.2	24.7	25.4	19.3	19.8	19.9	20.5	21.2
8H	4H	21.6	22.2	22.2	22.8	23.6	18.7	19.3	19.4	20.0	20.7
	6H	22.9	23.4	23.6	24.0	24.8	19.4	19.9	20.0	20.5	21.3
	8H	23.5	24.0	24.2	24.7	25.5	19.7	20.2	20.4	20.9	21.7
	12H	24.2	24.6	24.9	25.3	26.1	20.1	20.5	20.8	21.2	22.0
12H	4H	21.6	22.1	22.2	22.8	23.5	18.7	19.2	19.4	19.9	20.7
	6H	22.9	23.4	23.6	24.0	24.8	19.4	19.8	20.1	20.5	21.3
	8H	23.7	24.0	24.4	24.7	25.6	19.8	20.2	20.5	20.9	21.7
Variations with the observer position at spacing:											
S =		1.0H					0.1 / -0.1				
		1.5H					0.2 / -0.2				
		2.0H					0.2 / -0.3				