

Last information update: May 2024

**Product configuration: 6790+9400.15+9401.15**

6790: Diffused light luminaire - Warm LED - Electronic Control Gear

9400.15: Pair of plastic brackets for ceiling/wall application - plastic material for ceiling/wall application - Grey

9401.15: 5-pole power supply strip - Grey

**Product code**6790: Diffused light luminaire - Warm LED - Electronic Control Gear **Attention! Code no longer in production****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)**

3.65

**Mounting**

wall surface|ceiling surface|ceiling pendant

**Wiring**

Electronic control gear integrated in the luminaire. Mains connection made with quick coupling terminal blocks.

Complies with EN60598-1 and pertinent regulations

**Accessory code**

9400.15: Pair of plastic brackets for ceiling/wall application - plastic material for ceiling/wall application - Grey

**Colour**

Grey (15)

**Weight (Kg)**

0.07

Complies with EN60598-1 and pertinent regulations

**Accessory code**

9401.15: 5-pole power supply strip - Grey

**Colour**

Grey (15)

**Weight (Kg)**

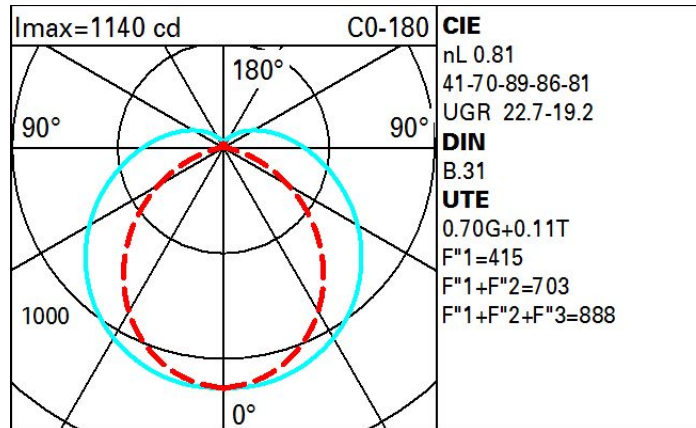
1.07

Complies with EN60598-1 and pertinent regulations

# Technical data

Im system:	4253	Colour temperature [K]:	3000
W system:	36.2	MacAdam Step:	3
Im source:	5250	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
W source:	32	Lamp code:	LED
Luminous efficiency (Im/W, real value):	117.5	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]:	590	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	81	Intervalllo temperatura ambiente:	from -20°C to 35°C.
CRI (minimum):	80		

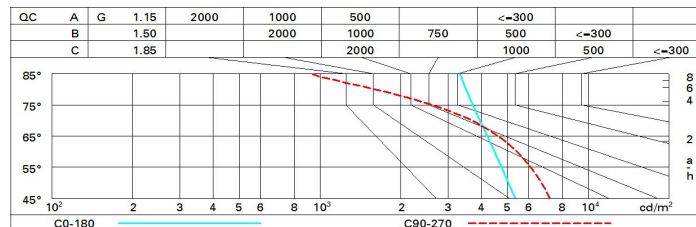
## Polar



## 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 5250 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		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
		viewed crosswise					viewed endwise				
2H	2H	17.4	18.5	17.9	19.0	19.6	16.3	17.4	16.8	17.9	18.4
	3H	19.3	20.3	19.9	20.8	21.4	16.8	17.8	17.3	18.3	18.9
	4H	20.2	21.2	20.8	21.7	22.3	17.0	17.9	17.6	18.5	19.1
	6H	21.1	22.0	21.7	22.6	23.2	17.2	18.0	17.7	18.6	19.2
	8H	21.6	22.4	22.2	23.0	23.6	17.2	18.0	17.8	18.6	19.3
	12H	22.0	22.8	22.6	23.4	24.0	17.2	18.0	17.8	18.6	19.3
4H	2H	17.9	18.8	18.5	19.4	20.0	17.5	18.4	18.1	19.0	19.6
	3H	20.0	20.8	20.6	21.4	22.1	18.2	19.0	18.8	19.6	20.3
	4H	21.1	21.8	21.7	22.4	23.1	18.6	19.3	19.2	19.9	20.7
	6H	22.2	22.8	22.8	23.5	24.2	19.0	19.7	19.7	20.3	21.0
	8H	22.7	23.3	23.4	23.9	24.7	19.2	19.8	19.9	20.4	21.2
	12H	23.2	23.7	23.9	24.4	25.2	19.3	19.9	20.0	20.5	21.3
8H	4H	21.3	21.9	22.0	22.6	23.3	18.9	19.4	19.5	20.1	20.8
	6H	22.6	23.1	23.3	23.8	24.6	19.5	20.0	20.2	20.6	21.4
	8H	23.3	23.7	24.0	24.4	25.2	19.8	20.3	20.5	21.0	21.7
	12H	24.0	24.3	24.7	25.1	25.9	20.2	20.6	20.9	21.3	22.1
12H	4H	21.3	21.9	22.0	22.5	23.3	18.8	19.4	19.5	20.0	20.8
	6H	22.7	23.1	23.4	23.8	24.6	19.5	19.9	20.2	20.6	21.4
	8H	23.4	23.8	24.1	24.5	25.3	19.9	20.3	20.6	21.0	21.8
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 / -0.3		0.5 / -0.7						