iSign

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Last information update: May 2024

Product configuration: 6787+9400.15+9401.15
6787: Diffused light luminaire - Neutral 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
6787: Diffused light luminaire - Neutral 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	**Weight (Kg)**
Clear transparent (24)	2.95

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

IK08 IP67

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

Colour	**Weight (Kg)**
Grey (15)	0.07

Complies with EN60598-1 and pertinent regulations

Accessory code
9401.15: 5-pole power supply strip - Grey

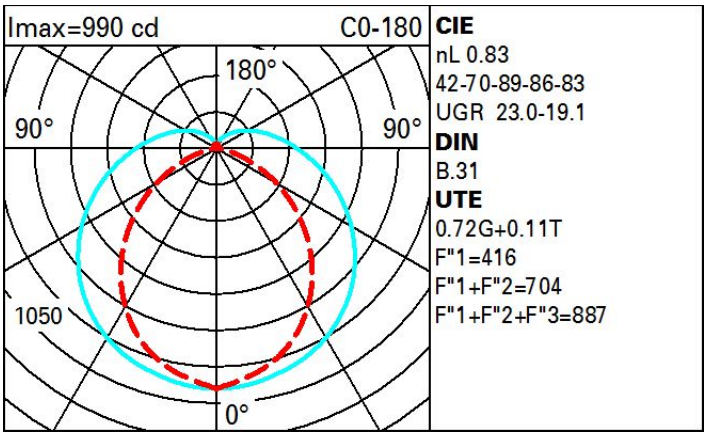
Colour	**Weight (Kg)**
Grey (15)	1.07

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	Intervallo temperatura ambiente:	from -20°C to 35°C.
CRI (minimum):	80		

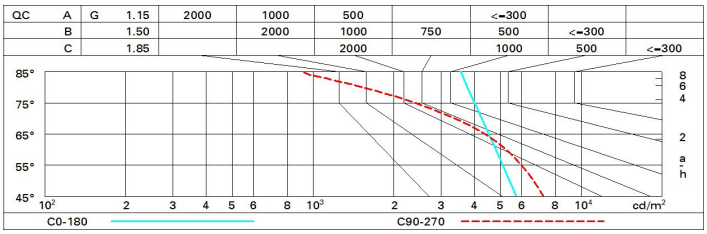
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	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)

Riflect.: ceil/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	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	0.1 / -0.1
	1.5H	0.2 / -0.2	0.2 / -0.4
	2.0H	0.2 / -0.3	0.5 / -0.7