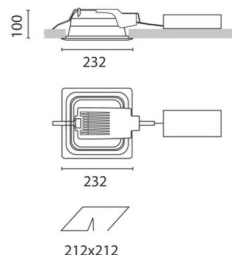


Last information update: March 2019

**Recessed fitting complete with electronic control gear 2x18 W TC-DEL****Attention! Code no longer in production****Product code**

3867

**Technical description**

Recessed fitting designed to use compact fluorescent lamps. The optical assembly is made of self-extinguishing thermoplastic material. The painted steel top plate acts as a heat dissipater, consequently optimising performance levels and ensuring outputs of up to 80%. The optical assembly is designed for installation in public environments and features surfaces made with inflammable materials. The fitting is installed by means of special fastening springs, which guarantee excellent anchoring to false ceilings ranging from 1 to 25 mm in thickness. The component-holding box is already wired and fitted with a luminous element.

**Installation**

Recessed with 212x212 mm holes.

**Dimension (mm)**

232x232x100

**Colour**

White/Aluminium (39)

**Weight (Kg)**

1.33

**Mounting**

ceiling recessed

**Wiring**

Electronic control gear.

Complies with EN60598-1 and pertinent regulations

**Product configuration: 3867+L076**

L076: Compact fluorescent lamp 18W G24q-2 4000 K

**Product characteristics**

Total lighting output [Lm]: 1843

Total power [W]: 40

Luminous efficacy [Lm/W]: 46,1

Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 0

Emergency luminous flux [Lm]: /

Voltage [V]: 230

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 77

Lamp code: L076

ZVEI Code: TC-DEL

Nominal power [W]: 18

Nominal luminous [Lm]: 1200

Lamp maximum intensity [cd]: /

Beam angle [°]: /

Number of lamps for optical assembly: 2

Socket: G24q-2

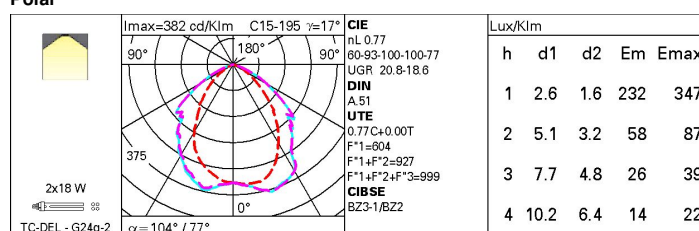
Ballast losses [W]: 4

Colour temperature [K]: 4000

CRI: 86

Wavelength [Nm]: /

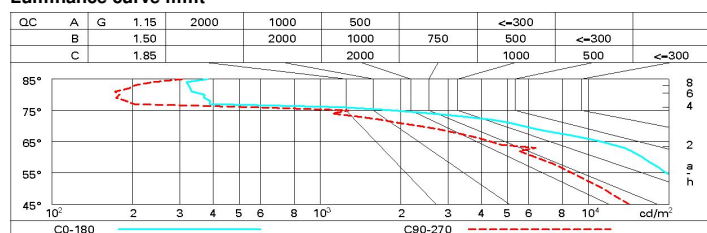
MacAdam Step: /

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	55	48	43	39	47	43	42	38	49
1.0	60	54	49	46	53	49	48	44	57
1.5	68	63	59	56	62	58	58	54	70
2.0	72	68	65	63	67	64	63	60	78
2.5	74	71	69	67	70	68	67	63	82
3.0	76	73	71	69	72	70	69	66	86
4.0	78	76	74	72	74	73	71	68	89
5.0	79	77	75	74	76	74	73	70	91

# Luminance curve limit



# UGR diagram

Photometric curve code: 38470000.615											
Uncorrected UGR values (at 1000 lm bare lamp luminous flux)											
Reflect.:											
ceiling	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											
x											
y											
2H	2H	20.5	21.5	20.8	21.8	22.0	18.0	19.0	18.3	19.2	19.5
	3H	20.8	21.7	21.1	22.0	22.3	18.5	19.4	18.9	19.7	20.0
	4H	20.8	21.6	21.1	21.9	22.2	18.6	19.4	18.9	19.7	20.0
	6H	20.7	21.4	21.1	21.8	22.1	18.5	19.3	18.9	19.6	20.0
	8H	20.7	21.4	21.0	21.7	22.1	18.5	19.2	18.9	19.6	19.9
	12H	20.6	21.3	21.0	21.6	22.0	18.5	19.2	18.9	19.5	19.9
4H	2H	20.7	21.5	21.0	21.8	22.1	18.1	18.9	18.5	19.2	19.5
	3H	21.0	21.7	21.4	22.0	22.4	18.7	19.4	19.1	19.7	20.1
	4H	20.9	21.5	21.4	21.9	22.3	18.7	19.3	19.1	19.7	20.1
	6H	20.9	21.4	21.3	21.8	22.2	18.7	19.2	19.1	19.6	20.0
	8H	20.8	21.3	21.3	21.7	22.2	18.6	19.1	19.1	19.5	20.0
	12H	20.8	21.2	21.2	21.6	22.1	18.6	19.0	19.1	19.5	19.9
8H	4H	20.8	21.3	21.3	21.7	22.2	18.6	19.1	19.1	19.5	19.9
	6H	20.7	21.1	21.2	21.6	22.1	18.6	18.9	19.0	19.4	19.9
	8H	20.7	21.0	21.2	21.5	22.0	18.5	18.8	19.0	19.3	19.8
	12H	20.7	20.9	21.2	21.4	21.9	18.5	18.8	19.0	19.2	19.8
12H	4H	20.8	21.2	21.2	21.6	22.1	18.6	19.0	19.0	19.4	19.9
	6H	20.7	21.0	21.2	21.5	22.0	18.5	18.8	19.0	19.3	19.8
	8H	20.7	20.9	21.2	21.4	21.9	18.5	18.8	19.0	19.2	19.8
Variations with the observer position at spacing:											
S =	1.0H		0.5	/	-0.4			0.6	/	-1.0	
	1.5H		1.4	/	-2.1			2.2	/	-4.3	
	2.0H		2.3	/	-4.8			2.8	/	-7.6	