

PROOF

IP66 for Aggressive Environment



- Type:** Water and dust resistant IP 66 luminaire with PMMA diffuser for use in environments containing potentially corrosive chemicals and areas where specialised cleaning agents are used.
- Specification:** Luminaires are available with injection moulded acrylic diffuser for exposure to severe atmospheric conditions. White painted steel reflector. Stainless steel clips. Injection moulded thermoplastic canopy, grey finished. Diffuser retaining clips and sealing washers from the end of the body for easy maintenance. Luminaire is plastic-wrapped and boxed individually.
- Installation:** Surface mounted luminaire designed to be fixed to ceiling of any type or suspended. Two fixing brackets for easy installation and accessories for chain and wire suspension are available on request.
- Application:** Dust and moisture proof luminaires, ideal for environments subject to high humidity and excessive dust. Suits well in food processing areas, agricultural buildings and other aggressive atmospheres with cleaning agents, salts, acids and mineral oils.



Supplied with two fixing brackets for easy installation, sealing washer and accessories for chain and wire suspension.

Name	Lamp (W) and holder	Overall dimensions (LxWxH), mm	Weight, kg	Total wattage, W
Proof 136 G61 AC IC	1x36 (G13)	1277x96x111	2,3	42
Proof 236 G62 AC IC	2x36 (G13)	1277x146x111	3,4	84
Proof 158 G63 AC IC	1x58 (G13)	1577x96x111	3,0	67
Proof 258 G64 AC IC	2x58 (G13)	1577x146x111	4,4	134

Name	Lamp (W) and holder	Overall dimensions (LxWxH), mm	Weight, kg	Total wattage, W
Proof 128 I56 AC IC	1x28 (G5)	1277x96x111	2,0	30
Proof 228 I57 AC IC	2x28 (G5)	1277x146x111	2,2	60
Proof 154 I62 AC IC	1x54 (G5)	1277x96x111	2,0	58
Proof 254 I63 AC IC	2x54 (G5)	1277x146x111	2,3	116
Proof 135 I58 AC IC	1x35 (G5)	1577x96x111	2,2	38
Proof 235 I59 AC IC	2x35 (G5)	1577x146x111	2,8	75
Proof 149 I60 AC IC	1x49 (G5)	1577x96x111	2,2	53
Proof 249 I61 AC IC	2x49 (G5)	1577x146x111	2,8	104
Proof 180 I64 AC IC	1x80 (G5)	1577x96x111	2,2	85
Proof 280 I65 AC IC	2x80 (G5)	1577x146x111	2,9	170

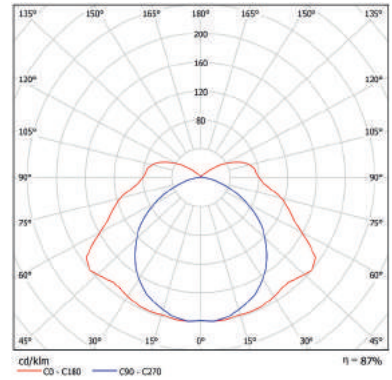
Name	Overall dimensions (LxWxH), mm	Lifetime	Luminaire output*, lm Ta=25°C	System power*, W	CRI (Ra)	CCT, K	Weight, kg
Proof LED1x1400 E028 T840 OP LT80 AC IC	662x96x111	50000	1379	12	80+	4000	1,20
Proof LED1x1900 D422 T840 OP LT80 AC IC	662x96x111	50000	1937	17	80+	4000	1,20
Proof LED1x2000 E029 T840 OP LT80 AC IC	662x96x111	50000	1997	16	80+	4000	1,20
Proof LED1x2700 E030 T840 OP LT80 AC IC	662x96x111	50000	2769	23	80+	4000	1,20
Proof LED2x1400 E031 T840 OP LT80 AC IC	662x146x111	50000	2759	23	80+	4000	1,80
Proof LED2x1900 D423 T840 OP LT80 AC IC	662x146x111	50000	3873	32	80+	4000	1,80
Proof LED2x2000 E032 T840 OP LT80 AC IC	662x146x111	50000	3994	30	80+	4000	1,80
Proof LED1x2700 E034 T840 OP LT80 AC IC	1272x96x111	50000	2759	23	80+	4000	2,00
Proof LED1x3800 D424 T840 OP LT80 AC IC	1272x96x111	50000	3873	32	80+	4000	2,00
Proof LED1x3900 E035 T840 OP LT80 AC IC	1272x96x111	50000	3994	30	80+	4000	2,00
Proof LED1x5400 E036 T840 OP LT80 AC IC	1272x96x111	50000	5538	44	80+	4000	2,00
Proof LED2x2700 E037 T840 OP LT80 AC IC	1272x146x111	50000	5518	44	80+	4000	2,80
Proof LED2x3800 D425 T840 OP LT80 AC IC	1272x146x111	50000	7747	64	80+	4000	2,80
Proof LED2x3900 E038 T840 OP LT80 AC IC	1272x146x111	50000	7988	60	80+	4000	2,80
Proof LED1x3400 E040 T840 OP LT80 AC IC	1572x96x111	50000	3449	28	80+	4000	2,60
Proof LED1x4700 D426 T840 OP LT80 AC IC	1572x96x111	50000	4842	40	80+	4000	2,60
Proof LED1x4900 E041 T840 OP LT80 AC IC	1572x96x111	50000	4992	38	80+	4000	2,60
Proof LED1x6700 E042 T840 OP LT80 AC IC	1572x96x111	50000	6923	54	80+	4000	2,60
Proof LED2x3400 E043 T840 OP LT80 AC IC	1572x146x111	50000	6897	54	80+	4000	3,60
Proof LED2x4700 D427 T840 OP LT80 AC IC	1572x146x111	50000	9684	80	80+	4000	3,60
Proof LED2x4900 E044 T840 OP LT80 AC IC	1572x146x111	50000	9985	76	80+	4000	3,60

* Tolerance range for optical and electrical data: $\pm 10\%$

Options available on request:

- HF – High Frequency control gear
- DIM – Dimmable ballast / driver
- SDIM – Switch-control/dimming
- DALI – DALI ballast / driver
- EMG – Emergency version 1 hour
- EM3 – Emergency version 3 hours
- IC – Stainless steel clips
- 5TB – 5 way terminal block for easy wiring
- II – Electric shock protection class II
- MW – MW sensor
- 1LIN – Through wiring 3x1.5 mm² with two push-in terminals
- 3LIN – Through wiring 5x1.5 mm² with two push-in terminals
- 1LIN2,5 – Through wiring 3x2.5 mm² with two push-in terminals
- 3LIN2,5 – Through wiring 5x2.5 mm² with two push-in terminals
- PAR – Specular aluminium parabolic reflector
- T830 – Colour temperature 3000K
- T840 – Colour temperature 4000K

PROOF 249 I61 AC IC



Chemical resistance of PROOF series parts made of thermoplasts

Environment	Max concentration	PROOF diffuser resistant			PROOF body resistant		
		yes	partially	no	yes	partially	no
Aceton (ketones)				•			•
Aniline				•			•
Ammonia	5%	•			•		
Benzene and Benzaldehyde				•			•
Diethylether(ethers)			•				•
Potassium nitrate		•					
Ethanol(alcohols)	50%		•			•	
Ethylacetate(esters)				•			•
Ethyl alcohol			•		•		
Phenol				•			•
Glycerine		•	•				
Heptane							•
Ammonium hydroxide	25%						
Sodium hydroxide-base	60%	•			•	•	
Sodium chloride-salt solution	15%	•			•		
Sulphur chloride and calcium chloride		•					
Carbon tetrachloride and Chloric ether				•			•
Iron dichloride		•					
Arsenic acid and Oleic acid		•			•		
Citric acid	20%	•			•		
Nitric acid	20%		•			•	
Nitric acid	50%			•			•
Hydrochloride acid	5%	•			•		
Hydrochloride acid	35%			•			•
Chromic acid	40%		•			•	
Formic acid	30%		•				
Acetic acid	10%	•				•	
Sulphuric acid	30%	•				•	
Methanol				•			•
Fuel oil			•		•		
Mineral oil		•			•		
Vegetable oil					•		
Rape oil		•					
Lamp oil			•			•	
Hydrogen peroxide	30%			•		•	
Ammonium sulphate	15%	•			•		
Toluene				•			•
Turpentine oil				•			•
Trichlorethylene				•			•
Sodium carbonate	20%	•					
Aliphatic hydrocarbons		•				•	
Aromatic hydrocarbons				•			•
Alkali		•			•		