

WATERPROOF LED CEILING LIGHT

ASSYA



POWER LIGHTING TECHNOLOGY
AMSTRA

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ASSYA BIPOWER

APPLICATIONS

production areas, warehouses, laboratories,
educational institutions, covered parking
spaces...



TECHNICAL DATA

Power supply	AC 100-264V, 50-60Hz; electronic bi-power power supply (MTBF 80,000h) adjustable from 350mA to 500mA
Power factor	>0,95
LED lifespan	80,000h (L80B20; Ta 25°C)
Working ambient	-20°C ~ +50°C; umidity 10-90%
Light source	SMD 5630 on replaceable linear modules
Color temperature	3,000K (BC); 4,000K (NW); 5,500K (CW)
Optic system	Diffuser in self-extinguishing UV-stabilized polycarbonate, unbreakable and anti-glare opal
Body lamp	Gray polycarbonate (RAL 7035); natural silicone gaskets; 6060 aluminum extrusion dissipating plate
Safety equipment	Cable gland in technopolymer (PG13.5 pitch), tear-proof, IP68; pressure screen installation system
Optional	1) Dimmable power supply 2) DALI electronic power supply 3) Prepared for series installation

Power supply with switch for **setting the energy consumption and luminous flux** directly by the Customer.

Free of closing clips thanks to the **pressure installation system**, so as to make a traditional industrial appliance into a versatile product with an elegant and clean design.

Simplified assembly and maintenance thanks to the **rear compartment through which you can access the terminal block for the mains supply**, all without having to open the lamp, as is the case with traditional ceiling lights.

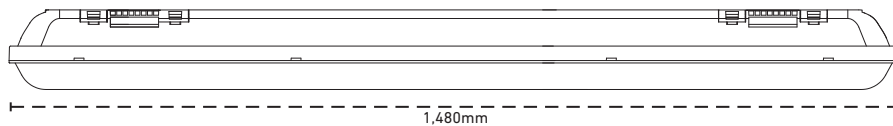
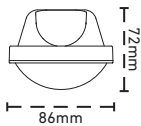
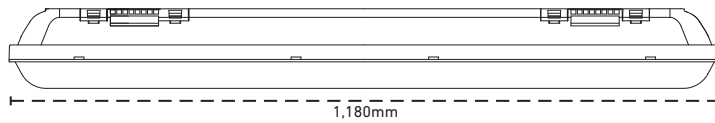
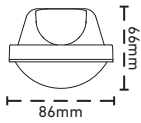
Replaceable linear LED modules fixed to the dissipating plate by means of removable plastic rivets.

Compliance with HACCP, BRC and IFS directives for use in the food sector.

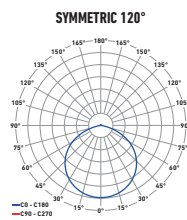
PERFORMANCE

Model	Settings	Consumption	Light emission	Luminous efficiency
PL-ASS-120	350mA	32W	5,216lm	163lm/W
	500mA	48W	7,200lm	150lm/W
PL-ASS-150	350mA	40W	6,520lm	163lm/W
	500mA	60W	9,000lm	150lm/W

DIMENSIONS AND WEIGHT



BEAM ANGLES



STANDARD RESPECTED*

1. EN 60598-1:2015; EN 60598-2-1:1989;
2. EN 62493:2010;
3. EN 55015:2013; EN 61000-3-2:2006+A1+A2; EN 61000-3-3:2013; EN 61547:2009;
4. EN 50581:2012
5. Regulation 1194/2012 + 2015/1428

PHOTOBIOLOGICAL SECURITY

GR0 (exempt risk group)



* For further details, consult the declaration of conformity document.

ASSYA EMERGENCY

APPLICATIONS

production areas, warehouses, laboratories,
educational institutions, covered parking
spaces...



TECHNICAL DATA

Power supply	AC 100-264V, 50-60Hz; electronic power supply and integrated NiCd emergency battery (autonomy: 3h)
Power factor	>0,90
LED lifespan	80,000h (L80B20; Ta 25°C)
Working ambient	-20°C ~ +50°C; umidity 10-90%
Light source	SMD 5630 on replaceable linear modules
Color temperature	4,000K (NW); 5,700K (CW)
Optic system	Diffuser in self-extinguishing UV-stabilized polycarbonate, unbreakable and anti-glare opal
Body lamp	Gray polycarbonate (RAL 7035); natural silicone gaskets; 6060 aluminum extrusion dissipating plate
Safety equipment	Cable gland in technopolymer (PG13.5 pitch), tear-proof, IP68; pressure screen installation system

Free of closing clips thanks to the **pressure installation system**, so as to make a traditional industrial appliance into a versatile product with an elegant and clean design.

Simplified assembly and maintenance thanks to the **rear compartment through which you can access the terminal block for the mains supply**, all without having to open the lamp, as is the case with traditional ceiling lights.

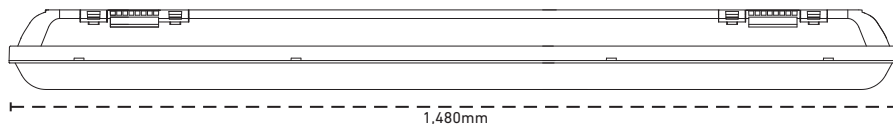
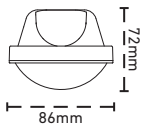
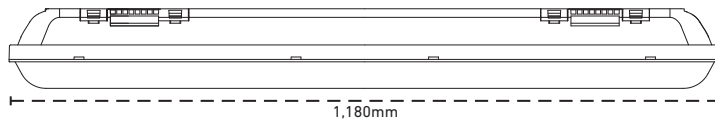
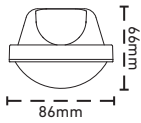
Compliance with **HACCP, BRC and IFS directives** for use in the food sector.

Equipped with integrated NiCd **emergency battery with 3h autonomy**.

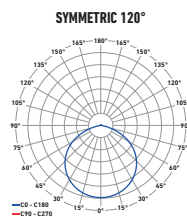
PERFORMANCE

Model	Power supply	Consumption	Light emission	Luminous efficiency
PL-AEM-120	electricity grid	48W	7,200lm	150lm/W
	emergency	4,8W	720lm	
PL-AEM-150	electricity grid	60W	9,000lm	150lm/W
	emergency	6W	900lm	

DIMENSIONS AND WEIGHT



BEAM ANGLES



STANDARD RESPECTED*

1. EN 60598-1:2015; EN 60598-2-5:1998; EN 62493:2010 (for construction)
2. EN 55015:2006+A1+A2; EN 61000-3-2:2006+A1+A2; EN 61000-3-3:2008; EN 61547:2009
3. EN 50581:2012
4. Regulation 1194/2012

PHOTOBIOLOGICAL SECURITY

GR0 (exempt risk group)



* For further details, consult the declaration of conformity document.