

Palazzoli

General
Catalogue



2019/2020

Palazzoli



CHIAREZZA DELLA FUNZIONE
SEMPLICITÀ DI PROGETTO
QUALITÀ DELLA MANIFATTURA

CLARITY OF FUNCTION
PROJECT SIMPLICITY
QUALITY OF MANUFACTURE





ZONE	GAS			DUST		
	0	1	2	20	21	22
USABLE			X			X


Watertight light fixtures in AISI 2014/34 stainless steel for applications in explosion hazardous areas as defined in ATEX Directive 304/EU.

The light fixture is equipped with LED strips, 4000K colour temperature and CRI \geq 80, installed on an ultra-bright aluminium reflector.

The body is cold-drawn in a single piece.

The diffuser is in tempered glass without metallic frame. The IP66 rating is guaranteed by a reinforced gasket in non-ageing elastomer and hooks in stainless steel AISI304.

The cable entry is made with an M20 cable gland in technopolymer.

Compliance with standards	Directive ATEX 2014/34/EU EN60079-0 EN60079-15 EN60079-31 Directive 2014/35/EU EN 60598-1 EN 60598-2-1 EN 62471 EN 60598-2-22 EN 62493 IEC/TR 62778 Directive 2014/30/EU EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3 Directive 2011/65/EU EN 50581
Atex execution	 II 3G 3D Ex nR IIC T6 Gc Ex tc IIIC T 70 °C Dc
Body material	AISI 304 stainless steel Painted galvanised steel
Diffuser material	Tempered glass
Protection rating (IP according to IEC/EN 60529)	IP66
Paint	Non-toxic polyester resistant to weather conditions and UV rays
Colour	RAL 9016 (painted galvanised steel version)
Impact resistance (IK rating according to IEC/EN 62262)	IK09
Colour temperature	4000K
CRI	≥ 80
Insulation class	I
Supply voltage	220V - 240V
Operating frequency	50-60Hz
Input surge protection	2 kV EN 61000
Photobiological risk	Exempt
Power factor	≥ 0.95
Max conductor cross-section	2.5 mm²
Entry cable diameter	10-14 mm
Emergency battery lifetime	1h
Emergency battery charging time	24h
Estimated device lifetime	L80 B20 @50.000h Tq=25°C
Storage temperature	-40°C - +70°C
Operating temperature	-25°C - +40°C



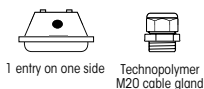
The photometric curves (LDT files) are available on www.palazzoli.com



SUITABLE FOR ZONE 2 (GAS) AND 22 (DUST)



LED light fixtures in **stainless steel - glass** with **extra wide beam optics IP66**



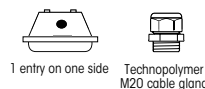
Device power (W)	Length (mm)	Rated flux (lm) Tj= 25 °C	Version	Photometric curves	Palazzoli code	Pack Qty
24	690	3.300	standard	19	822142EX	1
38	1300	5.600		20	822242EX	1
44	1600	6.500		21	822342EX	1
19	690	2.750	emergency	22	822140EX	1
36	1300	5.250		23	822240EX	1
44	1600	6.500		21	822340EX	1

Equipment included: pair of hooks in AISI 304 steel for pendant mounting, code 820001.
Notes: the stated values may be subject to a +/- 7% tolerance.

Technical accessories:



LED light fixtures in **painted galvanised steel-glass** with **extra wide beam optics IP66**



Device power (W)	Length (mm)	Rated flux (lm) Tj= 25 °C	Version	Photometric curves	Palazzoli code	Pack Qty
24	690	3.300	standard	19	842142EX	1
38	1300	5.600		20	842242EX	1
19	690	2.750	emergency	22	842140EX	1
36	1300	5.250		23	842240EX	1

Equipment included: pair of hooks in AISI 304 steel for pendant mounting, code 820001.
Notes: the stated values may be subject to a +/- 7% tolerance.

Technical accessories:



EMERGENCY FLUX

Rated flux (lm) Tj= 25 °C	Rated flux in emergency (lm)
2.750	962
5.250	945
6.500	975

Notes: the emergency flux is achieved by reducing the rated flux of the unit.

The background of the entire page is a night-time satellite view of the Earth, showing the illuminated continents of Europe and Africa. A bright sun or star is positioned at the horizon, creating a lens flare effect. Overlaid on this image is a network of glowing blue lines connecting various points, resembling a global communication or data network. The Palazzoli logo is prominently displayed at the top center.

Palazzoli

— excellence —
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