

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	X

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

The diffuser is made of tempered glass. The fixing hooks are in AISI 304 stainless steel.

The sealing is guaranteed by a gasket reinforced in non-ageing elastomer.

Complete with corrosion resistant non-loosening terminals and non-sparking lamp holders. Supplied with M20 cable gland.

Complete with internal and external earth connection.

Compliance with standards

Directive ATEX 2014/34/EU
EN 60079-0
EN 60079-15
EN 60079-31
Directive 2014/35/EU
EN 60598-1
EN 60598-2-1
EN 60598-2-22
EN 62493
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 2D
Ex nA IIC T4 Gc
Ex tb IIIC T 85 °C Db

II 3G 3D
Ex nR IIC T6 Gc
Ex tc IIIC T 70 °C Dc
(emergency)

Casing material **AISI 304 stainless steel**

Diffuser material **Tempered glass**

Protection rating (IP according to IEC/EN 60529) **IP66**

Supply voltage **230 Vac-dc**

Operating frequency **0-50-60Hz**

Power factor **≥ 0.9**

Lamp holder **G13 T8**

Max conductor cross-section **2.5 mm²**

Entry cable diameter **10 - 14 mm**

Emergency battery lifetime **1h**

Emergency battery charging time **24h**

Insulation class **I**

Operating temperature **-20°C - +40°C (2 tubes)**
-20°C - +50°C (1 tube)



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

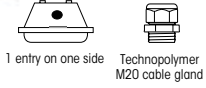
Technical data sheets updated to new standards on palazzoli.com website



SUITABLE FOR ZONE 2 (GAS) AND 21-22 (DUST)



Light fixtures
in stainless steel-glass
with **white reflector**
IP66



Power (W)	Length (mm)	For tubes type	Version	Photometric curves	Palazzoli code	Pack Qty
1X18	690	T8	standard	8	822131EX	1
1X36	1300			8	822231EX	1
1X58	1600			8	822331EX	1
2X18	690			9	822132EX	1
2X36	1300			9	822232EX	1
2X58	1600			9	822332EX	1
(1+1)x18	690	T8	emergency	9	822111EX	1
(1+1)x36	1300			9	822211EX	1
(1+1)x58	1600			9	822311EX	1

Equipment included: pair of hooks in AISI 304 steel for pendant mounting, code 820001.

Features: fluorescent tubes are not included.

Notes: emergency light fixtures are suitable for zone 2-22.

Technical accessories:



Light fixtures
in stainless steel - glass
with **symmetrical**
aluminium reflector
IP66



Power (W)	Length (mm)	For tubes type	Version	Photometric curves	Palazzoli code	Pack Qty
1X18	690	T8	standard	10	820131EX	1
1X36	1300			10	820231EX	1
1X58	1600			10	820331EX	1
2X18	690			11	820132EX	1
2X36	1300			11	820232EX	1
2X58	1600			11	820332EX	1
(1+1)x18	690	T8	emergency	11	820111EX	1
(1+1)x36	1300			11	820211EX	1
(1+1)x58	1600			11	820311EX	1

Equipment included: pair of hooks in AISI 304 steel for pendant mounting, code 820001.

Features: fluorescent tubes are not included.

Notes: emergency light fixtures are suitable for zone 2-22.

Technical accessories:



The background of the entire page is a night view of Earth from space, showing the illuminated continents and city lights. A network of glowing blue lines connects various points across the sky, resembling a constellation or a global communication network. A bright sun or star is visible on the horizon, creating a lens flare effect. The Palazzoli logo is positioned at the top center.

Palazzoli

— excellence —
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