

Palazzoli

General Catalogue



2019/2020

Palazzoli



CHIAREZZA DELLA FUNZIONE
SEMPLICITÀ DI PROGETTO
QUALITÀ DELLA MANIFATTURA

CLARITY OF FUNCTION
PROJECT SIMPLICITY
QUALITY OF MANUFACTURE



META





META

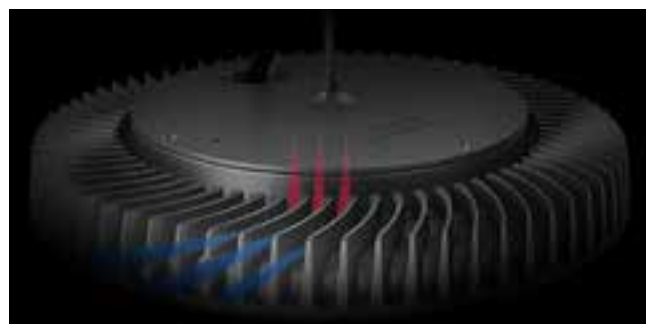
Lighting to save



Thanks to the rotosymmetrical photometry, with the LEDs placed on the perimeter, the devices are always aligned.

Thanks to easy and quick suspension connection, installation times are short.

META is free from photobiological risks according to EN 62471.



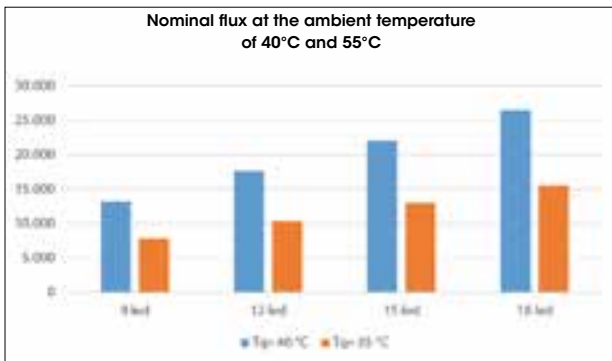
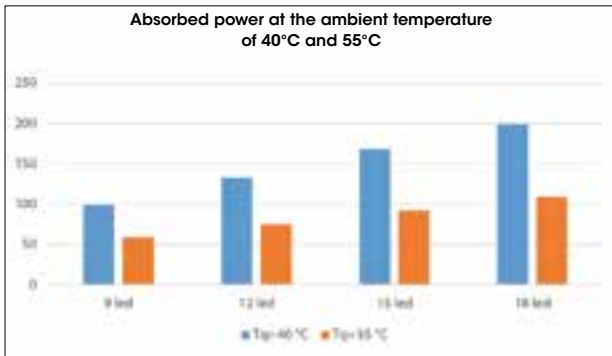
Thanks to the external connector, it is not necessary to open the device during the relamping phases.

High heat dissipation and the built-in air recirculation valve ensure a long lifetime of the electronic devices.

Suitable for use in industrial buildings, warehouses, body shops, rolling mills, thermoelectric power plants, logistics centres, sports facilities, shopping centres, food industries, livestock industry and outdoor areas.

META guarantees specific lighting and mechanical characteristics for installation in industrial environments, food industries, sports facilities and outdoor areas. The body is made of die-cast aluminium with anti-corrosion treatment, finished with a scratch-resistant powder coating. The diffuser, made of extra-clear tempered glass with 4 mm thickness, guarantees maximum resistance in harsh environments with chemical substances. The polycarbonate diffuser makes the appliance suitable for use in food industries that comply with HACCP standards.

POWER AND FLUX AT 40°C AND 55°C



Compliance with standards	Directive 2014/35/EU EN 60598-1 EN 60598-2-1 EN 60598-2-5 EN 60598-2-22 EN 62471 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 DIN 18032-3 EN 13964 Annex D EN 60598-2-24
Body material	EN 46100 aluminium alloy
Surface treatment	Fluoro-zirconium treatment
Diffuser material	Extra clear tempered glass or polycarbonate
Protection rating (IP according to IEC/EN 60529)	IP66/IP67
Paint	Hot-polymerised non-toxic polyester
Colour	RAL 7011
Impact resistance (IK rating according to IEC/EN 62262)	IK08
Corrosion class	C3 according to ISO9223
Weight	max 9.5 kg
LED device efficiency	≥ 106 lm/W
Colour temperature	4000K (other temperatures on request)
CRI	≥ 80
Insulation class	I (II on request)
Supply voltage	200-240 V 50-60 Hz
Input surge protection	10kV common mode 6 kV differential mode EN 61000
Residual flicker	< 1%
Photobiological risk	Exempt
Glare index	UGR ≤ 22
Power factor	≥ 0.95
Max conductor cross-section	1.5 mm²
Entry cable diameter	7-13 mm
Emergency battery lifetime	1-3 h
Emergency battery charging time	30 h
Estimated device lifetime	L80 B20 @110.000h T_q= -30 °C to +40 °C
Storage temperature	-40 °C - +70 °C
Operating temperature	-30°C to +40°C (up to +55°C or other special configurations on request)

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



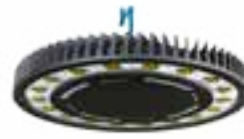


Suspension LED light fixtures **glass diffuser**
roto-symmetrical
extra wide beam optics
IP66/IP67

No. of LEDs	Device power (W)	Rated flux (lm) Tj= 25 °C	Version	Photometric curves	Palazzoli code	Pack Qty
9	99	13230	1-10 V dimmable standard	1	810090	1
12	133	17640		1	810020	1
15	168	22050		1	810050	1
18	199	26460		1	810080	1
9	99	13230	emergency	1	810190	1
12	133	17640		1	810120	1
15	168	22050		1	810150	1
18	199	26460		1	810180	1

Equipment included: quick connection for suspension. Power supply with 5P quick connector (2 connectors for the versions in emergency).

Features: UGR>22. Typical installation height between 5 and 9 m.



Suspension LED light fixtures **HACCP-compliant**
for food industry
polycarbonate diffuser
roto-symmetrical
extra wide beam optics
IP66/IP67

No. of LEDs	Device power (W)	Rated flux (lm) Tj= 25 °C	Version	Photometric curves	Palazzoli code	Pack Qty
9	99	13230	1-10 V dimmable standard	1	810093	1
12	133	17640		1	810023	1
15	168	22050		1	810053	1
18	199	26460		1	810083	1
9	99	13230	emergency	1	810193	1
12	133	17640		1	810123	1
15	168	22050		1	810153	1
18	199	26460		1	810183	1

Equipment included: quick connection for suspension. Power supply with 5P quick connector (2 connectors for the versions in emergency).

Features: UGR>22. Typical installation height between 5 and 9 m.



Suspension LED light fixtures **glass diffuser**
roto-symmetrical narrow
beam optics
IP66/IP67

No. of LEDs	Device power (W)	Rated flux (lm) Tj= 25 °C	Version	Photometric curves	Palazzoli code	Pack Qty
9	99	13230	1-10 V dimmable standard	2	810091	1
12	133	17640		2	810021	1
15	168	22050		2	810051	1
18	199	26460		2	810081	1
9	99	13230	emergency	2	810191	1
12	133	17640		2	810121	1
15	168	22050		2	810151	1
18	199	26460		2	810181	1

Equipment included: quick connection for suspension. Power supply with 5P quick connector (2 connectors for the versions in emergency).

Features: typical installation height over 9 m.



Suspension LED light fixtures **HACCP-compliant**
for food industry
polycarbonate diffuser
roto-symmetrical
narrow beam optics
IP66/IP67

No. of LEDs	Device power (W)	Rated flux (lm) Tj= 25 °C	Version	Photometric curves	Palazzoli code	Pack Qty
9	99	13230	1-10 V dimmable standard	2	810094	1
12	133	17640		2	810024	1
15	168	22050		2	810054	1
18	199	26460		2	810084	1
9	99	13230	emergency	2	810194	1
12	133	17640		2	810124	1
15	168	22050		2	810154	1
18	199	26460		2	810184	1

Equipment included: quick connection for suspension. Power supply with 5P quick connector (2 connectors for the versions in emergency).

Features: typical installation height over 9 m.



Suspension LED light fixtures **glass diffuser**
elliptical beam optics
IP66/IP67

No. of LEDs	Device power (W)	Rated flux (lm) Tj= 25 °C	Version	Photometric curves	Palazzoli code	Pack Qty
9	99	13230	1-10 V dimmable standard	8	810092	1
12	133	17640		8	810022	1
15	168	22050		8	810052	1
18	199	26460		8	810082	1
9	99	13230	emergency	8	810192	1
12	133	17640		8	810122	1
15	168	22050		8	810152	1
18	199	26460		8	810182	1

Equipment included: connection with double chain bracket. Power supply with 5P quick connector (2 connectors for the versions in emergency).

Features: suitable for installation between the aisles of warehouses.



Suspension LED light fixtures **HACCP-compliant**
for food industry
polycarbonate diffuser
elliptical beam optics
IP66/IP67

No. of LEDs	Device power (W)	Rated flux (lm) Tj= 25 °C	Version	Photometric curves	Palazzoli code	Pack Qty
9	99	13230	1-10 V dimmable standard	8	810095	1
12	133	17640		8	810025	1
15	168	22050		8	810055	1
18	199	26460		8	810085	1
9	99	13230	emergency	8	810195	1
12	133	17640		8	810125	1
15	168	22050		8	810155	1
18	199	26460		8	810185	1

Equipment included: connection with double chain bracket. Power supply with 5P quick connector (2 connectors for the versions in emergency).

Features: suitable for installation between the aisles of warehouses.

Common notes: the stated values may be subject to a +/- 7% tolerance. Other DALI or wireless control systems are available on request.



EMERGENCY When using emergency light fixtures on standard lines, the following kit is required:
code 810992 for 1h; or code 810991 for 3h.



CONNECTOR

Emergency kit

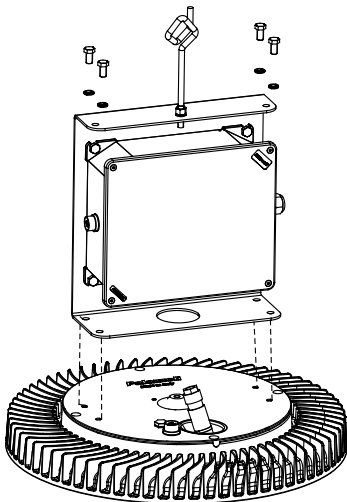
Manufacturing material	Emergency duration	Palazzoli code	Pack Qty
aluminium alloy	1h	810992	1
	3h	810991	1

Equipment included: the emergency kit comes complete with junction box, battery and inverter and interface bracket.

Features: 1 M20 entry and 1 exit with connector.

Notes: the interface bracket is suitable for a double fixed chain connection and for quick suspension connection. When performing the horizontal pole mounting, adjustable mounting, ceiling mounting and adjustable bracket mounting, the emergency kit must be mounted close to the unit (max. 1.5 m).

MOUNTING THE EMERGENCY KIT ON THE LIGHT FIXTURE



EMERGENCY FLUX

Rated flux (lm) Tj= 25 °C	Rated flux in emergency 1-3 h (lm)
13230	967
17640	
22050	
26460	

Notes: the emergency flux is obtained with a LED source dedicated for extra wide beam light distribution.



Pair of brackets for mounting on double chain and busbar

Manufacturing material	Palazzoli code	Pack Qty
galvanised steel	810997	1



0 - 90° adjustable bracket for mounting on double chain

Manufacturing material	Palazzoli code	Pack Qty
galvanised steel	810996	1



Kit with bracket for ceiling mounting

Manufacturing material	Palazzoli code	Pack Qty
galvanised steel	810998	1



Set of brackets for horizontal pole mounting Ø 60 mm

Manufacturing material	Palazzoli code	Pack Qty
galvanised steel	810995	1



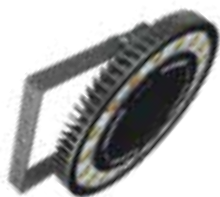
Adjustable bracket for wall-mounting pole mounting and light tower mounting

Manufacturing material	Palazzoli code	Pack Qty
painted galvanised steel	810999	1



0 - 90° adjustable bracket for mounting on catenary cable

Manufacturing material	Palazzoli code	Pack Qty
galvanised steel	810994	1



LED floodlights **asymmetrical narrow beam optics IP66/IP67**

No. of LEDs	Device power (W)	Rated flux (lm)	Version	Photometric curves	Palazzoli code	Pack Qty
9	99	13230	1-10 V dimmable standard	4	810296	1
12	133	17640		4	810226	1
15	168	22050		4	810256	1
18	199	26460		4	810286	1

Equipment included: adjustable bracket for wall-mounting or mounting on load-bearing structures (poles, light towers).

Power supply with 5P quick connector.

Features: suitable for illuminating outdoor areas and sports facilities.

Notes: the stated values may be subject to a +/- 7% tolerance.



Universal mount
for **pole head installation**
for \varnothing 60 mm
and \varnothing 76 mm poles

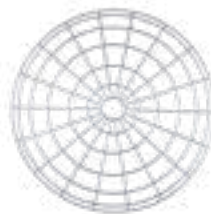
Manufacturing material	Palazzoli code	Pack Qty
painting galvanised steel	811908	1



Kit consisting of collar and plate
for \varnothing 60 mm to \varnothing 80 mm
pole mounting

Manufacturing material	Palazzoli code	Pack Qty
painting galvanised steel	811912	1

COMMON ACCESSORY



Protection guard

Manufacturing material	Palazzoli code	Pack Qty
galvanised steel	810993	1

PALAZZOLI LUX SITE

The website dedicated to floodlight and suspension lighting systems is available on www.palazzolilux.com



The background of the entire page is a vibrant blue and white image of Earth from space, with a bright sun or starburst effect in the center. A network of glowing blue lines and dots is overlaid on the image, suggesting a global or technological theme. The Palazzoli logo is prominently displayed at the top center.

Palazzoli

— excellence —
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