

 **META**
by Palazzoli

Lighting to save



excellence
FROM ITALY

Palazzoli

Perfect circle of light

Much more than an original design

The circular crown shape of META

- enhances the user's visual comfort
- facilitates installation: the roto-symmetrical geometry does not require further adjustments
- extends the life of the device, thanks to a perfect heat dissipation.

META has been conceived and designed to meet the most specific needs of the industrial, commercial, food, sports and outdoor sectors:

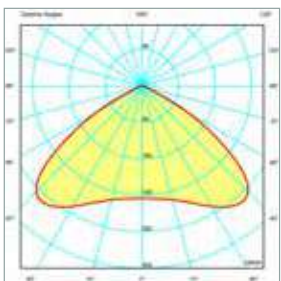
- it eliminates the need for maintenance (over 30 years approximately), preserving the production processes
- it guarantees the longest service life: after 110,000 hours of operation, the residual luminous flux is over 80% of the initial one
- it ensures maximum economic and energy savings.



Pendant mounting

Symmetrical 110° extra wide beam

Installation between 5 m and 9 m



PAGE 14 Glass diffuser

PAGE 16 Polycarbonate diffuser

PAGE 18 DALI with glass diffuser

PAGE 20 DALI with polycarbonate diffuser

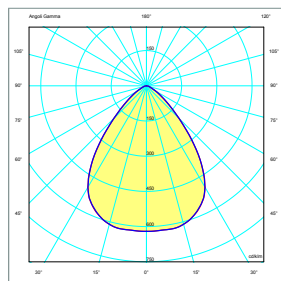
PAGE 22 HT + 55°C with glass diffuser

PAGE 24 HT + 55°C with polycarbonate diffuser

PAGE 27 ATEX with glass diffuser

Symmetrical extra wide beam comfort 80°

Installation between 5 m and 9 m



PAGE 14 Glass diffuser

PAGE 16 Polycarbonate diffuser

PAGE 18 DALI with glass diffuser

PAGE 20 DALI with polycarbonate diffuser

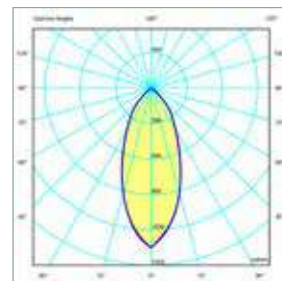
PAGE 22 HT + 55°C with glass diffuser

PAGE 24 HT + 55°C with polycarbonate diffuser

PAGE 27 ATEX with glass diffuser

Symmetrical 41° narrow beam optics

Installation over 9 m



PAGE 15 Glass diffuser

PAGE 17 Polycarbonate diffuser

PAGE 19 DALI with glass diffuser

PAGE 21 DALI with polycarbonate diffuser

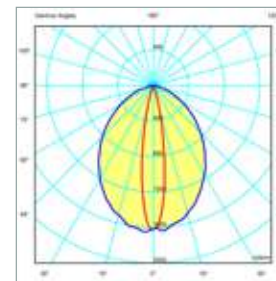
PAGE 23 HT + 55°C with glass diffuser

PAGE 25 HT + 55°C with polycarbonate diffuser

PAGE 27 ATEX with glass diffuser

Symmetrical 92°x20° elliptical beam

Installation between narrow aisles



PAGE 15 Glass diffuser

PAGE 17 Polycarbonate diffuser

PAGE 19 DALI with glass diffuser

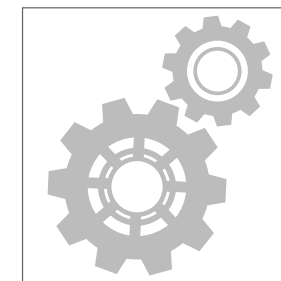
PAGE 21 DALI with polycarbonate diffuser

PAGE 23 HT + 55°C with glass diffuser

PAGE 25 HT + 55°C with polycarbonate diffuser

PAGE 27 ATEX with glass diffuser

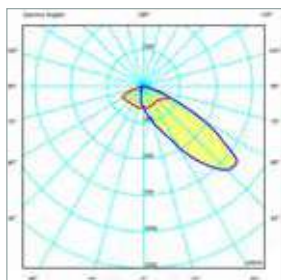
Accessories



PAGE 28

Floodlights

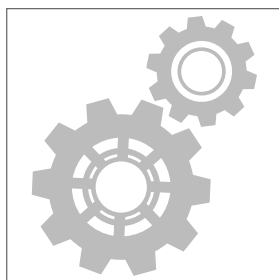
Asymmetrical 50° narrow beam optics



PAGE 26 Glass diffuser

PAGE 27 ATEX with glass diffuser

Accessories



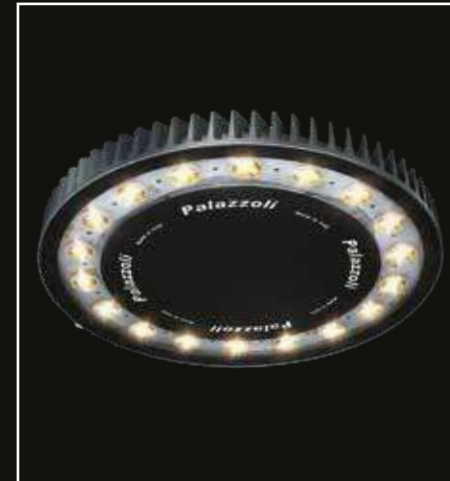
PAGE 28

Easy relamping

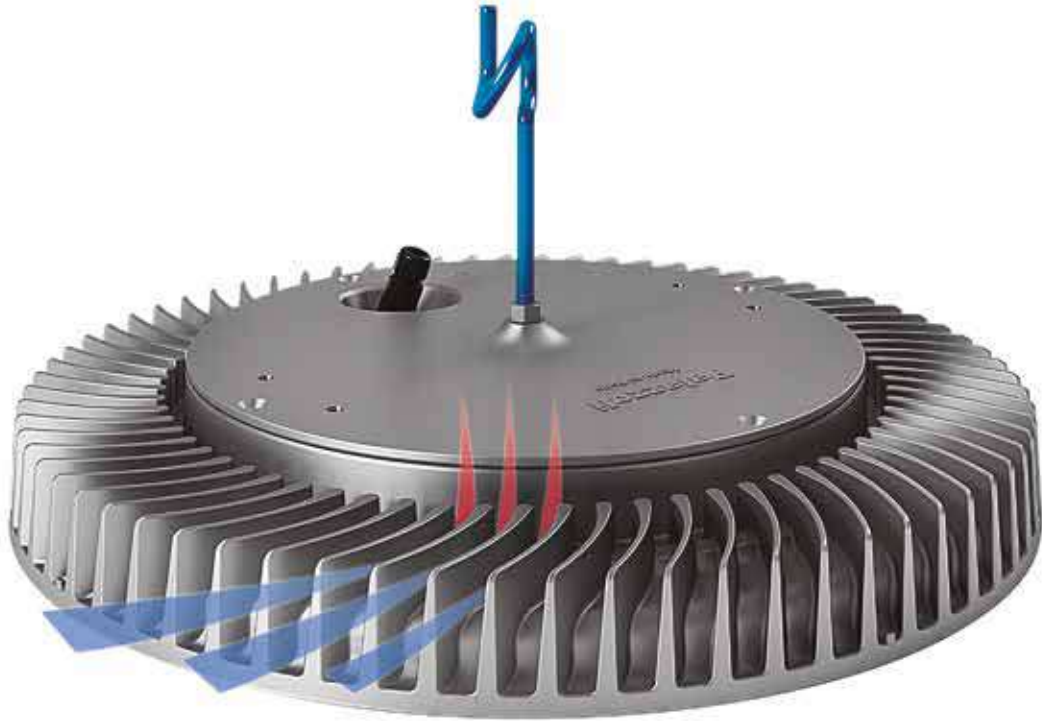
Thanks to the new pendant mounting system, replacing old inefficient light fixtures is a simple remove and replace operation, with no need of adjustments and regulations. By replacing the old reflector, META guarantees many benefits:

- energy savings up to to 50%
- zero maintenance costs
- comfort and health protection (no mercury)
- clean light (no UV and IR)
- flexibility: many solutions for all environments.

META offers many solutions for the light distribution (symmetrical, asymmetrical, elliptical, etc.), whilst maintaining the traditional circular shape typical of industrial high bay lighting fixtures.



Safe and durable



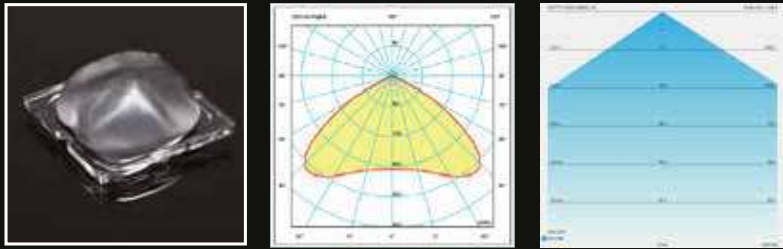
The power supply is protected against surge discharges up to 6 kV between phases and 10 kV phase to earth, and is separated from the optical compartment: this extends product life without a need for maintenance.

The long life of META is guaranteed by various design and production features:

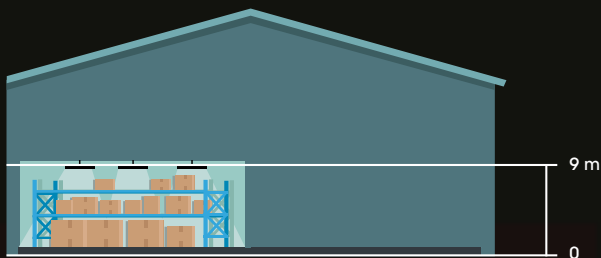
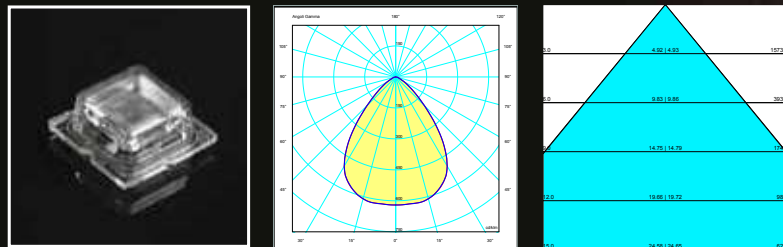
- selected electronic components
- exclusive thermal management system that keeps semiconductors unaltered over time
- X-ray testing of LED welded joints
- strict 100% testing with 24 hour burn-in cycles
- Gore-Tex® anti-condensation breathing valve.



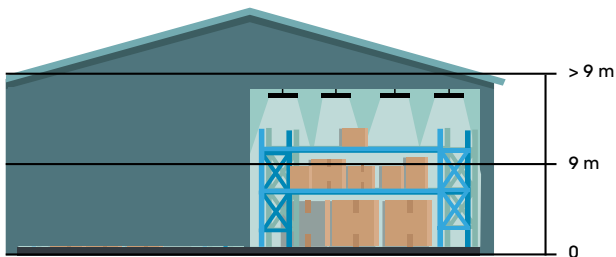
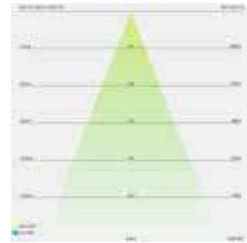
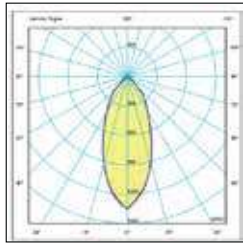
For heights between 5 and 9 meters
with rotosymmetrical 110° extra wide beam optics



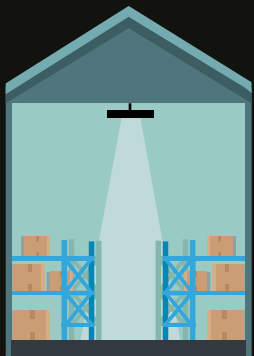
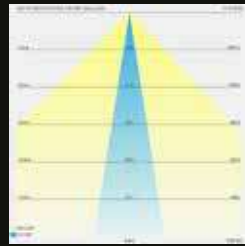
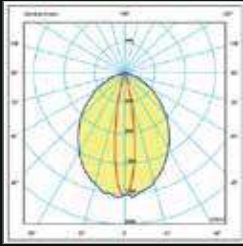
with rotosymmetrical comfort 80° extra wide beam optics



For heights over 9 meters
with rotosymmetrical 41° narrow beam optics

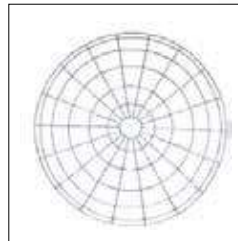
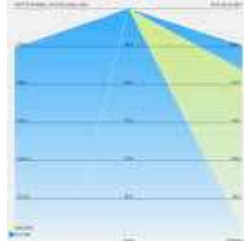
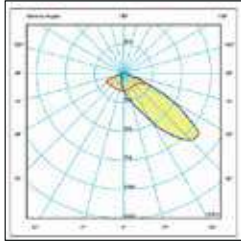


For warehouse aisles with 92°x20° elliptical beam optics

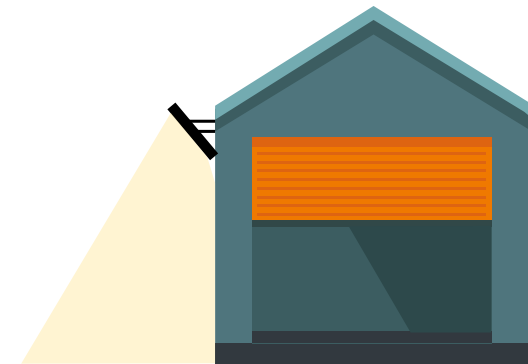


For outdoor areas and sport centres

with asymmetrical light distribution



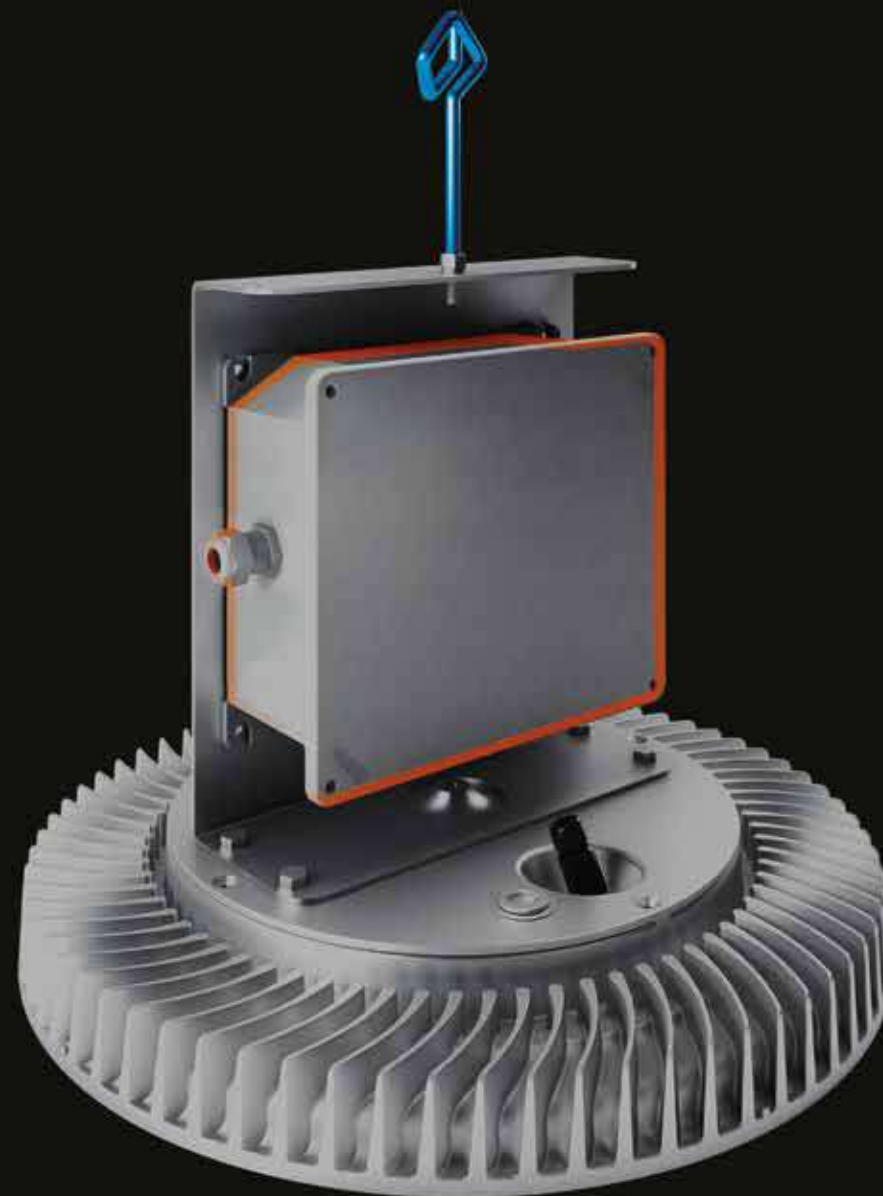
For a better resistance to impacts,
a protective guard is available
as an accessory.



Also in emergency

All versions of META can be equipped with an emergency module.
The inverter and battery pack are located within an IP66/IP67 box complete with connectors, and are separated from the fixture.

This configuration allows the quick installation of the emergency kit (for 1 to 3 hours) in the most suitable position of the system, close to the unit, or directly on the body of the lighting fixture, thanks to a specific bracket supplied.

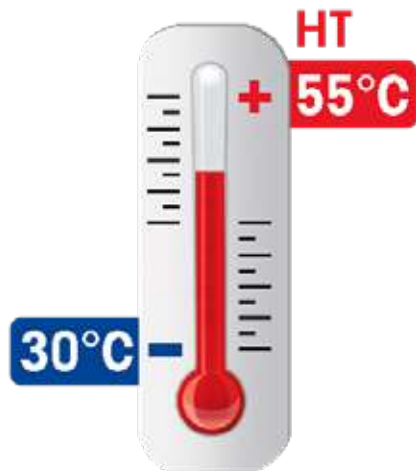


Tailor-made adjustment

The adjustable power supplies allow to optimise the illumination and energy consumption based on the actual needs of the installation sites.

A properly regulated system enhances safety, visual comfort and energy savings.

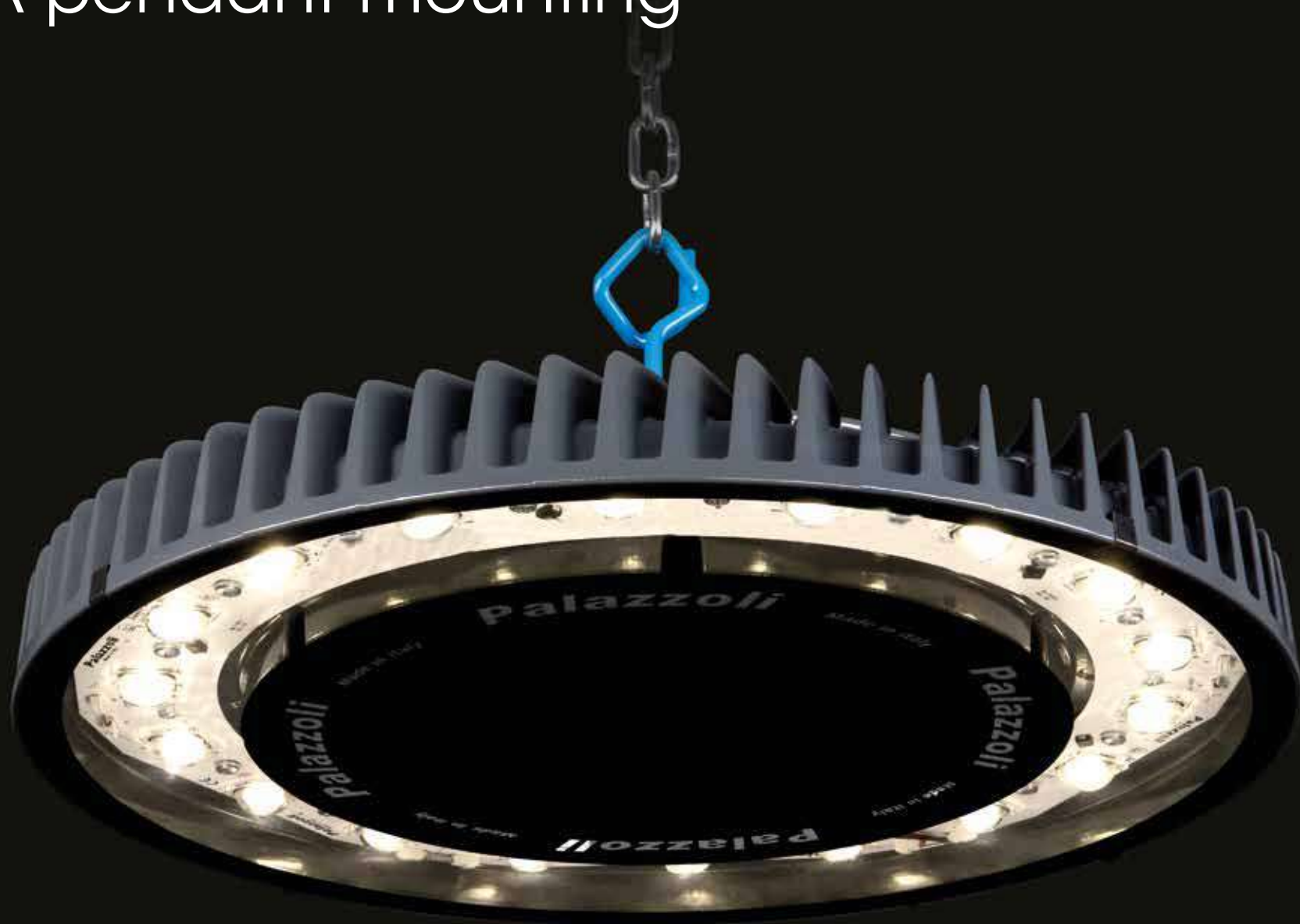
The META range consists of 1-10V versions with adjustments made by analog signals, or of DALI versions, which use a specific protocol on a bus system capable of improving system customization, thus providing greater energy savings.



The temperature can reach even higher values in summer times due to the heat emitted by the roofs, near which the device is usually installed.

META HT is perfectly suitable for these conditions, thanks to its heat resistance up to +55 °C.

META pendant mounting



Datasheet



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 is suitable for installation in food industries, compliant with HACCP standards.

The different light distributions - extra wide, narrow, elliptical and asymmetrical - with UGR < 22, allow for finding the best solutions for the different working applications, guaranteeing visual comfort and best light performance.

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

Conformity to 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	Fluorozirconate passivation
Diffuser material	Extra clear tempered glass or polycarbonate
Protection rating (IP as per IEC/EN 60529)	IP66/IP67
Paint	Hot-polymerized non-toxic polyester
Colour	RAL 7011
Impact resistance (IK rating as per IEC/EN 62262)	IK08
Corrosion class as per ISO 9223	C3
Weight	max 9.5 kg
LED device efficiency	Up to 110 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 EN 61000-4-5	10kV common mode 6 kV differential mode
Residual flicker	< 1%
Photobiological risk	Exempt
Glare index	UGR ≤ 22
Power factor	≥ 0.95
Max. conductor cross-section	1.5 mm ²
Entry cable diameter	7-13 mm
Emergency battery lifetime	1-3 h
Emergency battery charging time	24 h
Estimated device lifetime	L80 B20 @ 110.000h Tq=-30 °C - +40 °C Tq=-30 °C - +55 °C (HT version)
Storage temperature	-40 °C - +70 °C
Operating temperature	-30 °C - +40 °C -30 °C - +55 °C (HT version)



1-10V
DIMMABLE



CORROSION
RESISTANT



FLICKER
FREE



2 YEARS WARRANTY
EXTENDABLE TO 5 YEARS

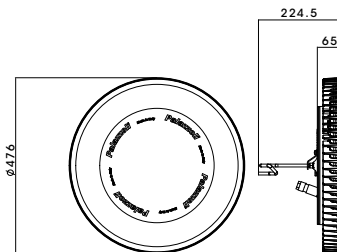
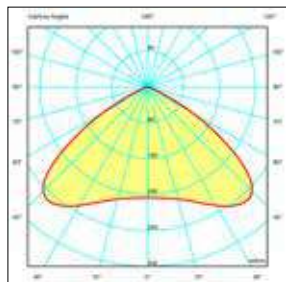


ENERGY SAVING UP
TO 60%

110000h



Pendant LED light fixtures
glass diffuser
rotosymmetrical 110°
extra wide beam optics
IP66/IP67



No. of LEDs	Device power (W)	Nominal flux (lm) T _j = 25 °C	Output flux (lm) T _q = 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10830	1-10 V dimmable as standard	810090	1
12	133	17640	14439		810020	1
15	168	22050	18049		810050	1
18	199	26460	21659		810080	1
9	99	13230	10830	Emergency*	810190	1
12	133	17640	14439		810120	1
15	168	22050	18049		810150	1
18	199	26460	21659		810180	1

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

Features: typical installation height between 5 and 9 m.

*The emergency version is to be completed with the kit on page 28.

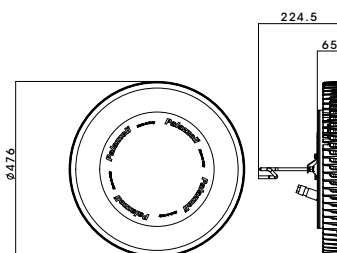
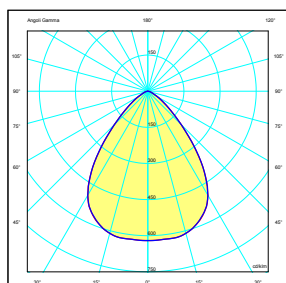
Notes: the stated values may be subject to a +/- 7% tolerance.

Other wireless control systems are available on request.

110000h | UGR≤22



Pendant LED light fixtures
glass diffuser
rotosymmetrical
comfort 80°
extra wide beam optics
IP66/IP67



No. of LEDs	Device power (W)	Nominal flux (lm) T _j = 25 °C	Output flux (lm) T _q = 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10163	1-10 V dimmable as standard	810097	1
12	133	17640	13550		810027	1
15	168	22050	16938		810057	1
18	199	26460	20325		810087	1
9	99	13230	10163	Emergency*	810197	1
12	133	17640	13550		810127	1
15	168	22050	16938		810157	1
18	199	26460	20325		810187	1

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

Features: typical installation height between 5 and 9 m.

*The emergency version is to be completed with the kit on page 28.

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

Other wireless control systems are available on request.

Industrial



1-10V
DIMMABLE



CORROSION
RESISTANT



FLICKER
FREE

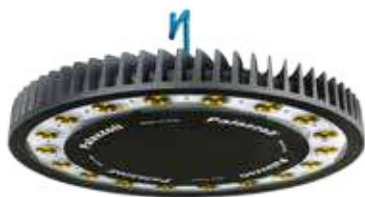


2 YEARS WARRANTY
EXTENDABLE TO 5 YEARS

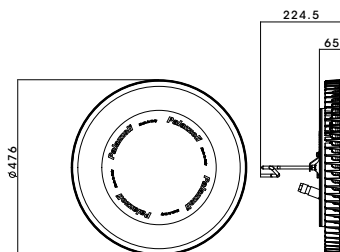
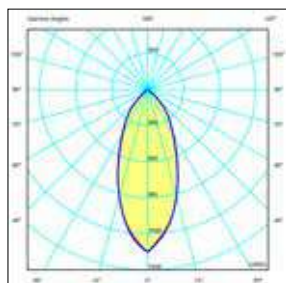


ENERGY SAVING UP
TO 60%

110000h | UGR≤22



Pendant LED light fixtures
glass diffuser
rotosymmetrical
41° narrow beam optics
IP66/IP67



No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10572	1-10 V dimmable as standard	810091	1
12	133	17640	14096		810021	1
15	168	22050	17620		810051	1
18	199	26460	21144		810081	1
9	99	13230	10572	Emergency*	810191	1
12	133	17640	14096		810121	1
15	168	22050	17620		810151	1
18	199	26460	21144		810181	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

(2 connectors for the emergency versions)

Features: typical installation height over 9 m.

*The emergency version is to be completed with the kit on page 28.

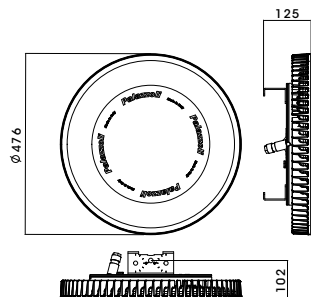
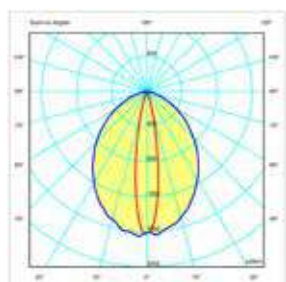
Notes: the stated values may be subject to a +/- 7% tolerance.

Other wireless control systems are available on request.

110000h | UGR≤22



Pendant LED light fixtures
glass diffuser **92°x20°**
elliptical beam optics
IP66



No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	9965	1-10 V dimmable as standard	810092	1
12	133	17640	13287		810022	1
15	168	22050	16609		810052	1
18	199	26460	19931		810082	1
9	99	13230	9965	Emergency*	810192	1
12	133	17640	13287		810122	1
15	168	22050	16609		810152	1
18	199	26460	19931		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.

*The emergency version is to be completed with the kit on page 28.

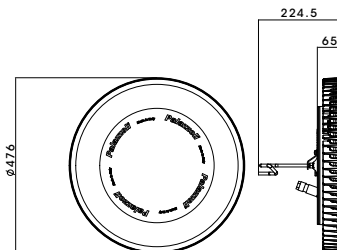
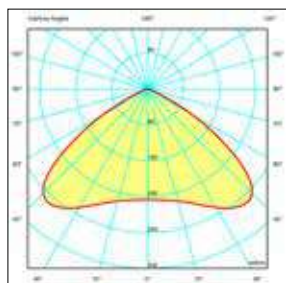
Notes: the stated values may be subject to a +/- 7% tolerance.

Other wireless control systems are available on request.

110000h



Pendant LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
rotosymmetrical extra wide
beam optics 110°
IP66/IP67



No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10830	1-10 V dimmable as standard	810093	1
12	133	17640	14439		810023	1
15	168	22050	18049		810053	1
18	199	26460	21659		810083	1
9	99	13230	10830	Emergency*	810193	1
12	133	17640	14439		810123	1
15	168	22050	18049		810153	1
18	199	26460	21659		810183	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

(2 connectors for the emergency versions)

Features: typical installation height between 5 and 9 m.

*The emergency version is to be completed with the kit on page 28.

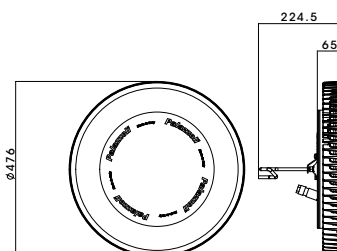
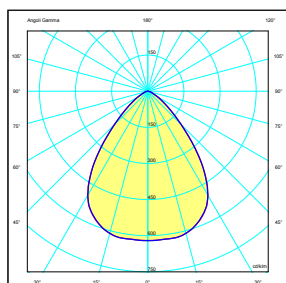
Notes: the stated values may be subject to a +/- 7% tolerance.

Other wireless control systems are available on request.

110000h | UGR≤22



Pendant LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
rotosymmetrical comfort 80°
extra wide beam optics
IP66/IP67



No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10163	1-10 V dimmable as standard	810098	1
12	133	17640	13550		810028	1
15	168	22050	16938		810058	1
18	199	26460	20325		810088	1
9	99	13230	10163	Emergency*	810198	1
12	133	17640	13550		810128	1
15	168	22050	16938		810158	1
18	199	26460	20325		810188	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

(2 connectors for the versions in emergency).

Features: typical installation height between 5 and 9 m.

*The emergency version is to be completed with the kit on page 28.

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

Other wireless control systems are available on request.

Food industry



1-10V
DIMMABLE



CORROSION
RESISTANT



FLICKER
FREE



2 YEARS WARRANTY
EXTENDABLE TO 5 YEARS

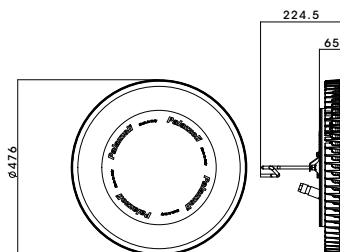
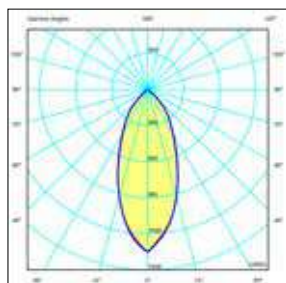


ENERGY SAVING UP
TO 60%

110000h | UGR \leq 22



Pendant LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
rotosymmetrical 41°
narrow beam optics
IP66/IP67



No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10572	1-10 V dimmable as standard	810094	1
12	133	17640	14096		810024	1
15	168	22050	17620		810054	1
18	199	26460	21144		810084	1
9	99	13230	10572	Emergency*	810194	1
12	133	17640	14096		810124	1
15	168	22050	17620		810154	1
18	199	26460	21144		810184	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

(2 connectors for the emergency versions)

Features: typical installation height over 9 m.

*The emergency version is to be completed with the kit on page 28.

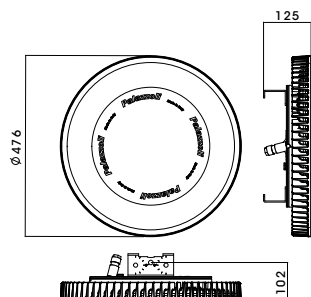
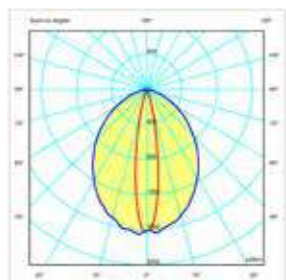
Notes: the stated values may be subject to a +/- 7% tolerance.

Other wireless control systems are available on request.

110000h | UGR \leq 22



Pendant LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
92°x20° elliptical beam optics
IP66/IP67



No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	9965	1-10 V dimmable as standard	810095	1
12	133	17640	13287		810025	1
15	168	22050	16609		810055	1
18	199	26460	19931		810085	1
9	99	13230	9965	Emergency*	810195	1
12	133	17640	13287		810125	1
15	168	22050	16609		810155	1
18	199	26460	19931		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 food warehouses.

*The emergency version is to be completed with the kit on page 28.

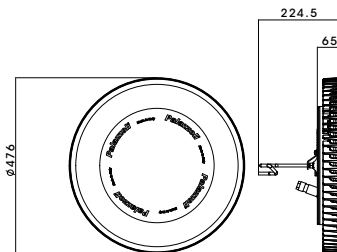
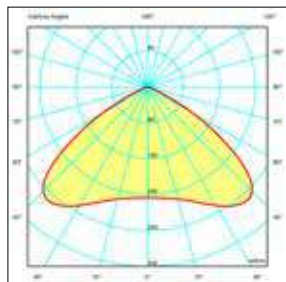
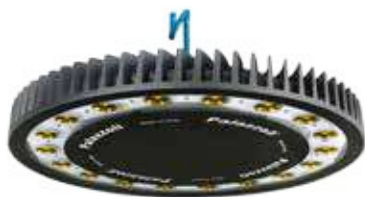
Notes: the stated values may be subject to a +/- 7% tolerance.

Other wireless control systems are available on request.

DALI industrial



110000h



DALI pendant LED
light fixtures **glass** diffuser
symmetrical 110°
extra wide beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10830	dimmable DALI	810090DA	1
12	133	17640	14439		810020DA	1
15	168	22050	18049		810050DA	1
18	199	26460	21659		810080DA	1

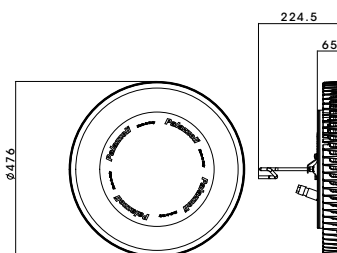
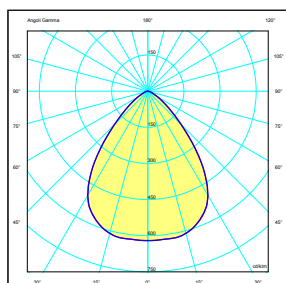
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height between 5 and 9 m.

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

Other wireless control systems are available on request.

110000h | UGR≤22



DALI pendant LED
light fixtures **glass** diffuser
rotosymmetrical comfort 80°
extra wide beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10163	dimmable DALI	810097DA	1
12	133	17640	13550		810027DA	1
15	168	22050	16938		810057DA	1
18	199	26460	20325		810087DA	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height between 5 and 9 m.

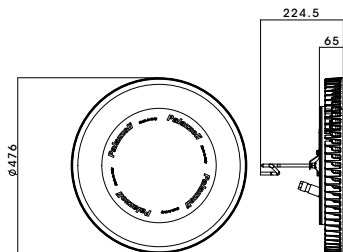
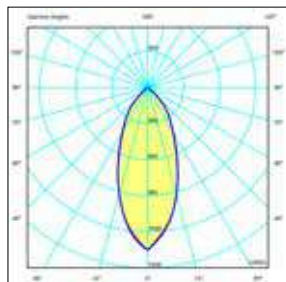
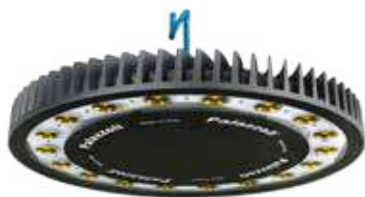
Notes: the stated values may be subject to a +/- 7% tolerance.

Other wireless control systems are available on request.

DALI industrial



110000h | UGR≤22



DALI pendant LED
light fixtures **glass** diffuser
symmetrical 41°
narrow beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10572	dimmable DALI	810091DA	1
12	133	17640	14096		810021DA	1
15	168	22050	17620		810051DA	1
18	199	26460	21144		810081DA	1

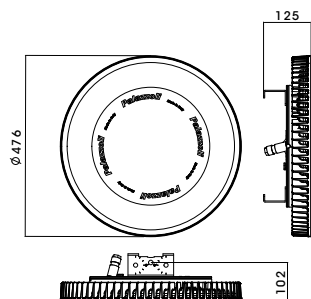
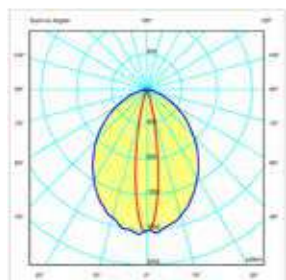
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height over 9 m.

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

Other wireless control systems are available on request.

110000h | UGR≤22



DALI pendant LED
light fixtures
glass diffuser **92°x20°**
elliptical beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	9965	dimmable DALI	810092DA	1
12	133	17640	13287		810022DA	1
15	168	22050	16609		810052DA	1
18	199	26460	19931		810082DA	1

Equipment included: connection with double chain bracket. Power supply with 5P quick connector.

Features: suitable for installation between the aisles of industrial warehouses.

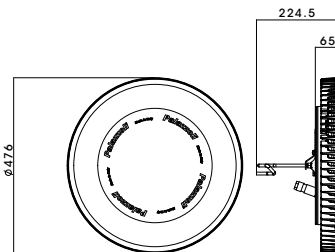
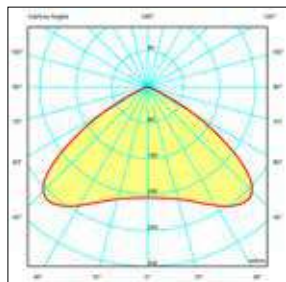
Notes: the stated values may be subject to a +/- 7% tolerance.

Other wireless control systems are available on request.

DALI food industry



110000h



DALI pendant LED light fixtures
HACCP-compliant
polycarbonate diffuser
rotosymmetrical 110°
extra wide beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10830	dimmable DALI	810093DA	1
12	133	17640	14439		810023DA	1
15	168	22050	18049		810053DA	1
18	199	26460	21659		810083DA	1

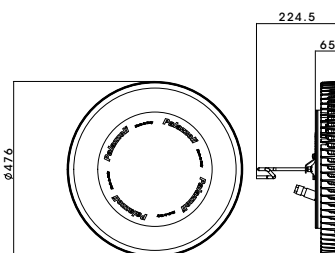
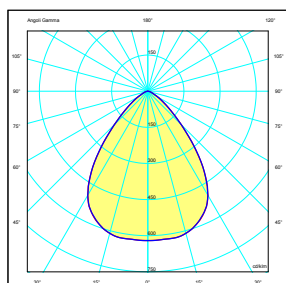
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height between 5 and 9 m.

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

Other wireless control systems are available on request.

110000h | UGR≤22



DALI pendant LED light fixtures
HACCP-compliant
polycarbonate diffuser
rotosymmetrical comfort 80°
extra wide beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10163	dimmable DALI	810098DA	1
12	133	17640	13550		810028DA	1
15	168	22050	16938		810058DA	1
18	199	26460	20325		810088DA	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height between 5 and 9 m.

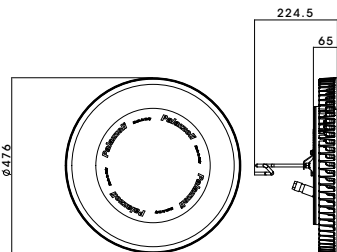
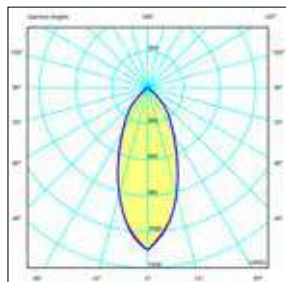
Notes: the stated values may be subject to a +/- 7% tolerance.

Other wireless control systems are available on request.

DALI food industry



110000h | UGR≤22



DALI pendant LED light fixtures
HACCP-compliant
polycarbonate diffuser
rotosymmetrical 41° narrow beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10572	dimmable DALI	810094DA	1
12	133	17640	14096		810024DA	1
15	168	22050	17620		810054DA	1
18	199	26460	21144		810084DA	1

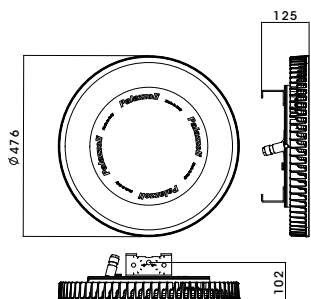
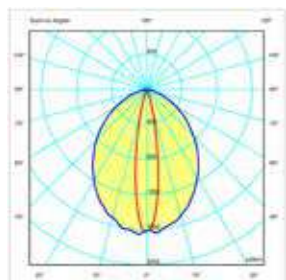
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height over 9 m.

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

Other wireless control systems are available on request.

110000h | UGR≤22



DALI pendant LED light fixtures
HACCP-compliant
polycarbonate diffuser
92°x20° elliptical beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	9965	dimmable DALI	810095DA	1
12	133	17640	13287		810025DA	1
15	168	22050	16609		810055DA	1
18	199	26460	19931		810085DA	1

Equipment included: connection with double chain bracket. Power supply with 5P quick connector.

Features: suitable for installation between the aisles of food warehouses.

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

Other wireless control systems are available on request.

HT +55 °C industrial



1-10V
DIMMABLE



CORROSION
RESISTANT



FLICKER
FREE

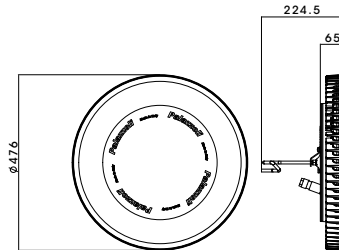
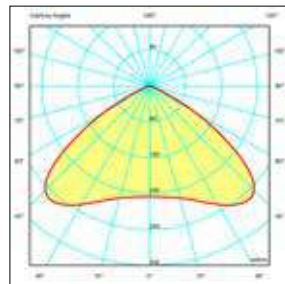


2 YEARS WARRANTY
EXTENDABLE TO 5 YEARS



ENERGY SAVING UP
TO 60%

110000h



Pendant LED light fixtures
HT +55°C with **glass** diffuser
rotosymmetrical 110°
extra wide beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) T _j = 25 °C	Output flux (lm) T _q = 25 °C	Version	Palazzoli code	Pack Qty
9	76	10187	8339	1-10 V dimmable as standard	810090HT	1
12	102	13583	11118		810020HT	1
15	129	16979	13898		810050HT	1
18	153	20374	16677		810080HT	1

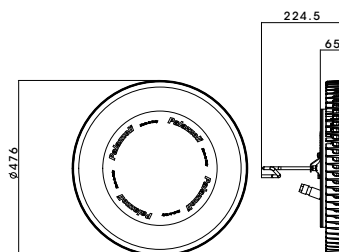
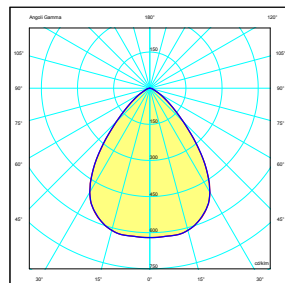
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height between 5 and 9 m.

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

Other DALI or wireless control systems are available on request.

110000h | UGR≤22



Pendant LED light fixtures
HT +55°C with **glass** diffuser
rotosymmetrical comfort 80°
extra wide beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) T _j = 25 °C	Output flux (lm) T _q = 25 °C	Version	Palazzoli code	Pack Qty
9	76	10187	7826	1-10 V dimmable as standard	810097HT	1
12	102	13583	10434		810027HT	1
15	129	16979	13042		810057HT	1
18	153	20374	15650		810087HT	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height between 5 and 9 m.

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

Other DALI or wireless control systems are available on request.

HT +55 °C industrial



1-10V
DIMMABLE



CORROSION
RESISTANT



FLICKER
FREE

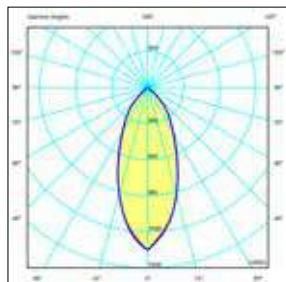
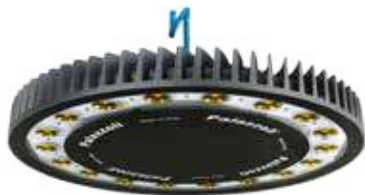


2 YEARS WARRANTY
EXTENDABLE TO 5 YEARS

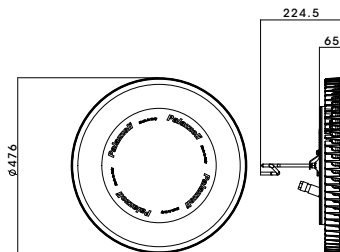


ENERGY SAVING UP
TO 60%

110000h | UGR≤22



Pendant LED light fixtures
HT +55°C with **glass** diffuser
rotosymmetrical 41°
narrow beam optics
IP66/IP67



No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	76	10187	8140	1-10 V dimmable as standard	810091HT	1
12	102	13583	10854		810021HT	1
15	129	16979	13567		810051HT	1
18	153	20374	16281		810081HT	1

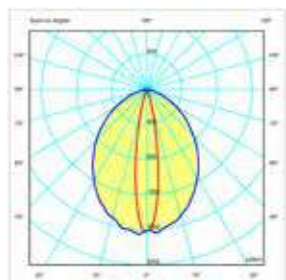
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height over 9 m.

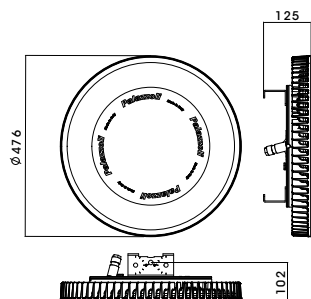
Notes: the stated values may be subject to a +/- 7% tolerance.

Other DALI or wireless control systems are available on request.

110000h | UGR≤22



Pendant LED light fixtures
HT +55°C with **glass** diffuser
92°x20° elliptical beam optics
IP66/IP67



No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	76	10187	7673	1-10 V dimmable as standard	810092HT	1
12	102	13583	10231		810022HT	1
15	129	16979	12789		810052HT	1
18	153	20374	15347		810082HT	1

Equipment included: connection with double chain bracket. Power supply with 5P quick connector.

Features: suitable for installation between the aisles of industrial warehouses.

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

Other DALI or wireless control systems are available on request.

HT +55 °C food industry



1-10V
DIMMABLE



CORROSION
RESISTANT



FLICKER
FREE

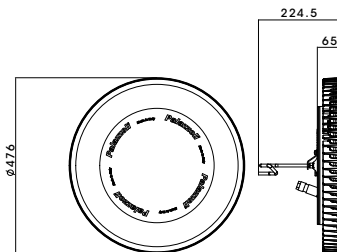
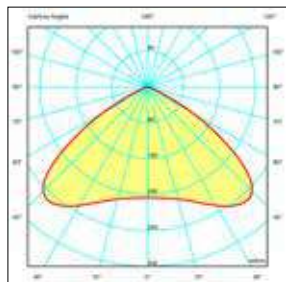


2 YEARS WARRANTY
EXTENDABLE TO 5 YEARS



ENERGY SAVING UP
TO 60%

110000h



Pendant LED light fixtures
HT +55°C HACCP-compliant
for food industry
polycarbonate diffuser
rotosymmetrical 110°
extra wide beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	76	10187	8339	1-10 V dimmable as standard	810093HT	1
12	102	13583	11118		810023HT	1
15	129	16979	13898		810053HT	1
18	153	20374	16677		810083HT	1

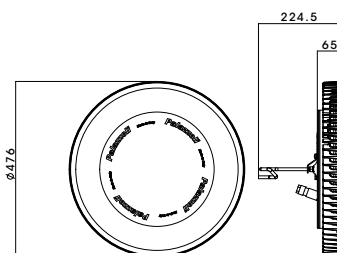
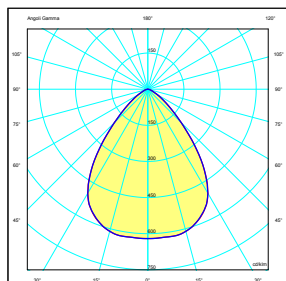
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height between 5 and 9 m.

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

Other DALI or wireless control systems are available on request.

110000h | UGR≤22



Pendant LED light fixtures
HT +55°C HACCP-compliant
for food industry
polycarbonate diffuser
rotosymmetrical comfort 80°
extra wide beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	76	10187	7826	1-10 V dimmable as standard	810098HT	1
12	102	13583	10434		810028HT	1
15	129	16979	13042		810058HT	1
18	153	20374	15650		810088HT	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height between 5 and 9 m.

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

Other DALI or wireless control systems are available on request.

HT +55 °C food industry



1-10V
DIMMABLE



CORROSION
RESISTANT



FLICKER
FREE

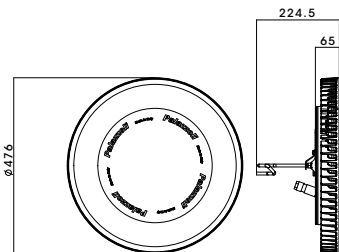
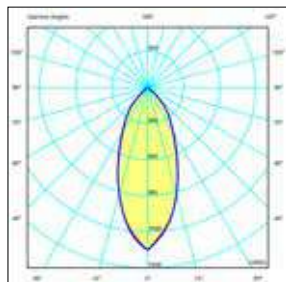


2 YEARS WARRANTY
EXTENDABLE TO 5 YEARS



ENERGY SAVING UP
TO 60%

110000h | UGR≤22



Pendant LED light fixtures
HT +55°C HACCP-compliant
for food industry
polycarbonate diffuser
rotosymmetrical 41°
narrow beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	76	10187	8140	1-10 V dimmable as standard	810094HT	1
12	102	13583	10854		810024HT	1
15	129	16979	13567		810054HT	1
18	153	20374	16281		810084HT	1

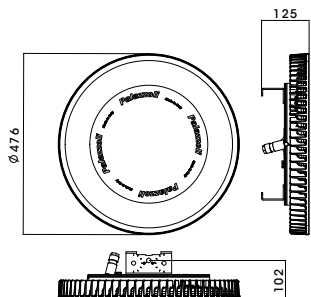
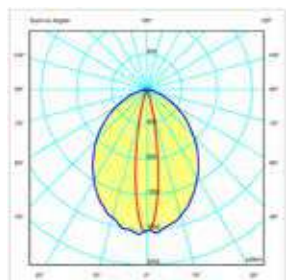
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector.

Features: typical installation height over 9 m.

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

Other DALI or wireless control systems are available on request.

110000h | UGR≤22



Pendant LED light fixtures
HT +55°C HACCP-compliant
for food industry
polycarbonate diffuser
92°x20° elliptical beam optics
IP66/IP67

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	76	10187	7673	1-10 V dimmable as standard	810095HT	1
12	102	13583	10231		810025HT	1
15	129	16979	12789		810055HT	1
18	153	20374	15347		810085HT	1

Equipment included: connection with double chain bracket. Power supply with 5P quick connector.

Features: suitable for installation between the aisles of food warehouses.

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

Other DALI or wireless control systems are available on request.

External use



1-10V
DIMMABLE



CORROSION
RESISTANT



FLICKER
FREE

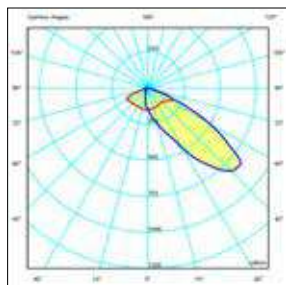


2 YEARS WARRANTY
EXTENDABLE TO 5 YEARS

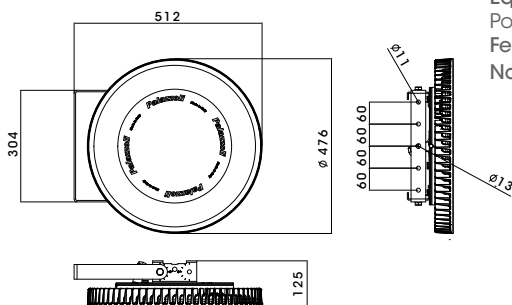


ENERGY SAVING UP
TO 60%

110000h



LED floodlights
glass diffuser
asymmetrical 50°
narrow beam optics
IP66/IP67



No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	9193	dimmable as standard 1-10 V	810296	1
12	133	17640	12258		810226	1
15	168	22050	15322		810256	1
18	199	26460	18387		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.

Accessories



Universal mount for pole-top and projecting
bracket for Ø 60 mm and Ø 76 mm poles



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

Manufacturing material	Palazzoli code	Pack Qty
painted galvanized steel	811908	1

Manufacturing material	Palazzoli code	Pack Qty
painted galvanized steel	811912	1

ATEX zone 22



1-10V
DIMMABLE



2 YEARS WARRANTY
EXTENDABLE TO 5 YEARS



ENERGY SAVING UP
TO 60%

	GAS			DUST		
ZONE	0	1	2	20	21	22
USABLE						X

META EX is suitable for use in explosive hazardous areas according to ATEX directive 2014/34/EU.

META EX guarantees specific lighting and mechanical characteristics for installation in industrial environments, food industries 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 4 mm extra-clear tempered glass, guarantees maximum resistance in harsh environments with chemical substances.

Thanks to the different optics available in the catalogue (extra wide beam, narrow beam, elliptical beam and asymmetrical beam), the working areas can be illuminated in the best possible way, guaranteeing visual comfort and the best lighting performance.

Conformity to ATEX standards	Directive 2014/34/EU EN 60079-0 EN 60079-31 Directive 2011/65/EU
Atex execution	Ex II 3D Ex tc IIIC T100 °C Dc
Protection rating (IP according to IEC EN 60529)	IP66/IP67
Colour	RAL 9005
Cable entry	ATEX cable gland M20
The other technical features are common to the standard product, see page 13.	

110000h

UGR≤22



Pendant LED light fixtures, **glass** diffuser, **rotosymmetrical 110° extra wide beam optics - IP66/IP67**

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	10830	1-10 V dimmable as standard	810090EX	1
12	133	17640	14439		810020EX	1
15	168	22050	18049		810050EX	1
18	199	26460	21659		810080EX	1

Pendant LED light fixtures, **glass** diffuser, **rotosymmetrical 41° narrow beam optics - IP66/IP67**

9	99	13230	10572	1-10 V dimmable as standard	810091EX	1
12	133	17640	14096		810021EX	1
15	168	22050	17620		810051EX	1
18	199	26460	21144		810081EX	1

Pendant LED light fixtures, **glass** diffuser, **92°x20° elliptical beam optics - IP66/IP67**

9	99	13230	9965	1-10 V dimmable as standard	810092EX	1
12	133	17640	13287		810022EX	1
15	168	22050	16609		810052EX	1
18	199	26460	19931		810082EX	1

LED floodlight, **glass** diffuser, **asymmetric 50° narrow beam optics - IP66/IP67**

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
9	99	13230	9193	1-10 V dimmable as standard	810296EX	1
12	133	17640	12258		810226EX	1
15	168	22050	15322		810256EX	1
18	199	26460	18387		810286EX	1

Technical data sheets are available on www.palazzoli.com

110000h



Accessories



Bracket for mounting on double chain and busbar

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	810997	1



0 - 90° adjustable bracket for double chain mounting

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	810996	1



Kit with bracket for ceiling mounting

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	810998	1



Set of brackets for Ø 60mm horizontal pole mounting

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	810995	1



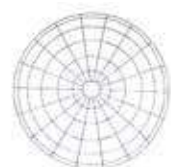
Adjustable bracket for wall mounting, pole mounting and light tower mounting

Manufacturing material	Palazzoli code	Pack Qty
painted galvanized steel	810999	1



Bracket for catenary wire mounting, 0° - 90° adjustable

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	810994	1



Protection guard

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	810993	1



Emergency kit

Manufacturing material	Duration emergency	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 connection for pendant mounting. 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).

Solutions for every need

Pendant mounting



The fixing system allows for a quick installation of META without the need of tools and keeping the same light distribution (even for the emergency versions)

Double chain



For those installations where a double fixing is required, META has a double-chain system which can be used on busbar systems (even for the emergency versions).

Adjustable



The adjustable bracket of META optimizes the light distribution for all the sites to be illuminated, allowing for a 0° to 90° orientation.

Ceiling mounting



META can be directly mounted on the ceiling, thanks to a bracket with self-centring system.

Horizontal pole



META may be fixed directly on tubular trusses, using a specific connection with a diameter of 60 mm.

Adjustable



META is suitable for mounting on wall or on supporting structures (poles, light towers, etc.), thanks to an adjustable bracket accessory.

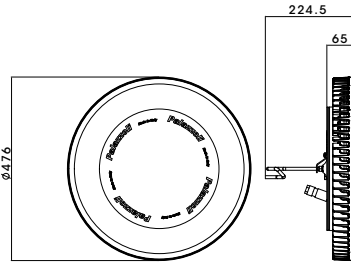
Catenary wire



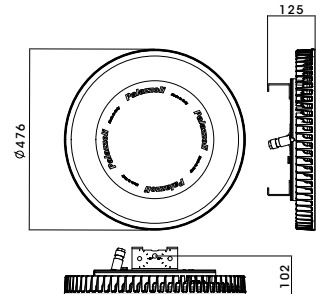
META can be mounted on catenary wire, thanks to a bracket system that allows for adjustment and compensation on the two axes.

Dimensions

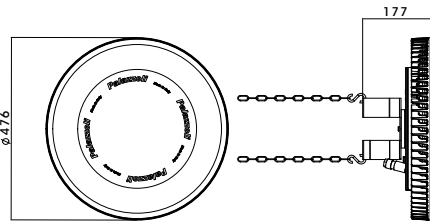
Pendant mounting



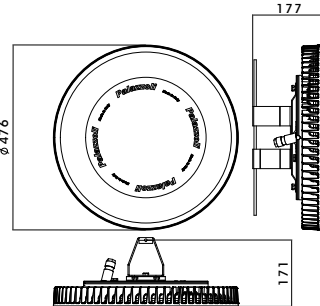
Double chain mounting



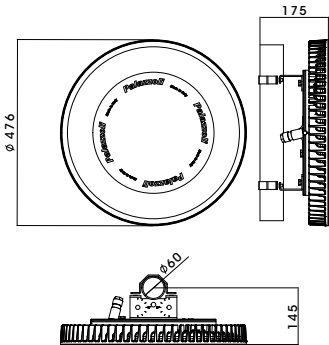
Adjustable double chain mounting



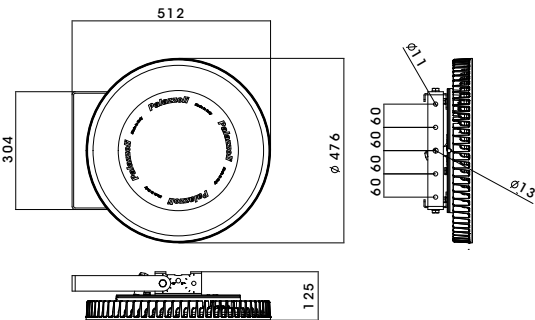
Catenary wire mounting



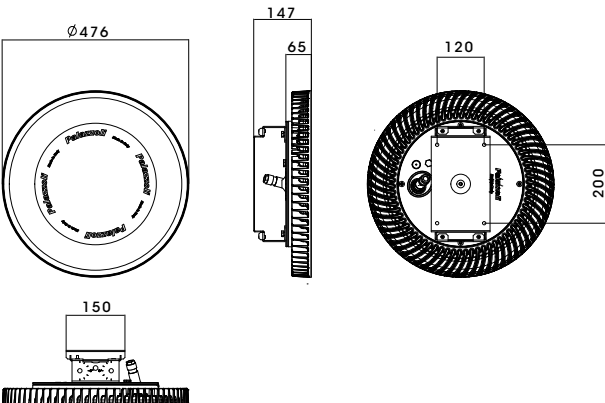
Horizontal pole mounting



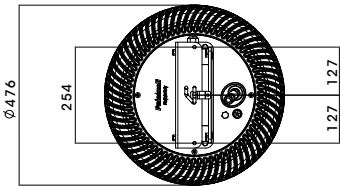
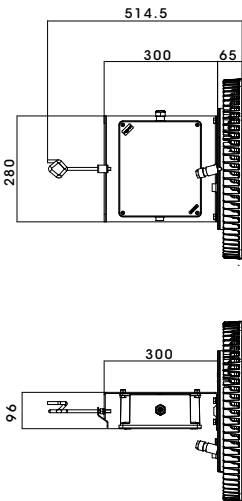
Wall mounting with bracket



Ceiling mounting



Emergency



Experience and reliability

Thanks to our team of lighting designers and our experience in providing lighting for the most critical environments, we collaborate with engineers, architects, public and private clients who are looking for excellence in the materials used, technological innovation and highly qualified pre- and post-sales services. Palazzoli is the most reliable partner in energy-saving LED lighting.

Certified quality

Palazzoli is certified to ISO 9001. All light fixtures are made in Italy and certified, depending on the application, by ENEC, CESI, RINA, ATEX, IECEx and QL (photobiological safety and flicker-free performance, impact resistance for sports facilities).

CESI

RINA

ATEX

IECEx

QL



Industry



Atex



Tunnels



Marine





Lighting to save

palazzoli.com

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