# Lighting to save







META<sub>150</sub>



Palazzoli



### Light **quality** meets maximum efficiency







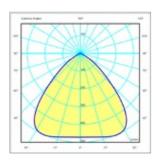
150 lm/W energy efficiency

META<sub>150</sub> allows you to save over 70% on energy consumption and, with a lifetime of 230.000 hours, reduces maintenance costs to a minimum. Choosing this light fixture is an investment that can be recouped in just 2 years.









#### Symmetrical 90° comfort wide beam optics

Installation between 5 and 8 metres

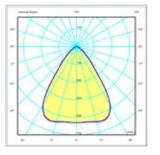
PAGE 10 DALI glass diffuser

PAGE 11 HE DALI glass diffuser

PAGE 12 HT + 60°C DALI glass diffuser

PAGE 13 DALI polycarbonate diffuser

**PAGE 15** ATEX glass diffuser



#### Symmetrical 75° medium beam optics

Installation between 6 and 9 metres

PAGE 10 DALI glass diffuser

PAGE 11 HE DALI glass diffuser

PAGE 12 HT + 60°C DALI glass diffuser

PAGE 13 DALI polycarbonate diffuser

PAGE 15 ATEX glass diffuser











Gyms Retail Ex Atex 22-23 Accessories and dimensions



150 lm/W energy efficiency



# Protected light

### Long life is guaranteed by:









High dissipation thermal management system

that keeps semiconductors unaltered over time

100% testing
with 24h burn-in cycles

Gore-tex® anti-condensation breathing valve

**Anti-yellowing lenses** created by Palazzoli, in PMMA

- High-level electronic components with surge discharge protection up to 10 kV
- X-ray testing of LED weld joints
- Extra clear and resistant tempered glass diffuser







#### Quick installation

Thanks to the innovative pendant mounting system, replacing inefficient light fixtures is a simple "take it out and put in" operation without any adaptation and adjustment. Each META<sub>150</sub> is equipped with the watertight connector for a quick plug and play connection.

## Various mounting options

META<sub>150</sub>'s technical accessory system is the most flexible available. The light fixture can be mounted in various ways: pendant, on busbar, ceiling, pole, wall, light tower and catenary wire.













#### Italian Design

META<sub>150</sub> has received a special award in Germany: the Red Dot Design Award, the most important international design award that honours the exceptional quality of an Italian company.



#### Well-distributed light

META<sub>150</sub> is designed for areas with different installation heights (from 5 m to 9 m). It produces a uniform and well-distributed light to enhance vertical surfaces, floors and work surfaces.



#### **Excellent service**

Palazzoli offers the most suitable lighting solution for every type of need, with proposals specifically designed for all the different industrial applications.



Photometric data compliance is guaranteed through certification by an independent body (DEKRA) with the affixing of the ENEC PLUS mark.



## Datasheet





META<sub>150</sub> is the new addition to the META range of professional pendant light fixtures with an efficiency of up to 150 lm/W, with LEDs arranged in a circular crown that allow uniform lighting without the need for adjustments.

This efficacy allows you to save over 70% on energy consumption.

Savings are further improved by the lumen set from 12000 Im to 37000 Im which allows you to reduce the number of light fixtures installed.

The META<sub>150</sub> light is protected by a die-cast aluminium body with an anti-corrosion treatment and by a tempered glass or HACCP polycarbonate diffuser.

The quality of the light can be seen from the high visual comfort given by the PMMA lenses designed and built by Palazzoli. The lifetime over 230.000 hours and the Italian design make META<sub>150</sub> the best solution for industrial, retail and sports lighting.

The photometric curves (LDT file) are available on the website www.palazzoli.com

Body material	EN 46100 aluminium alloy
Surface treatment	Fluorozirconate passivation
Surface finish/colour	Hot-polymerised non-toxic polyester RAL 7011
Diffuser material	Extra-clear tempered glass or polycarbonate
Protection rating	IP66/IP67 as per IEC/EN 60079-0 and 60598-1
Impact resistance	IK08 as per IEC/EN 62262
Corrosion class	C3 (ISO 9223)
Fixing system	Quick connection for pendant mounting
Net weight	9,5 kg max
Optic specifications	PMMA lenses resistant to ageing and UV rays with efficiency >90% and transparency >95%
Fixture efficiency	Up To 151 lm/W
Colour temperature	4000K (other colour temperatures are available on request)
Colour rendering index	CRI ≥ 80 as per EN 62717
Colour consistency	3 step of MacAdam
Photobiological risk	RG0 - Exempt Group (EN 62471)
Glare index	UGR <22
Residual flicker	< 1%
Lifetime	L90 B10 110.000h Tq= +40° C L90 B10 230.000h Tq= +25° C
Insulation class	I (II on request)
Power supply voltage	200-240 V 50-60 Hz
Surge protections	10 kV common mode 6 kV differential mode (EN 61000-4-5)
Power factor	≥ 0,95
Operating temperature	-30 °C - +40 °C -30 °C - +50 °C (HE version) -30 °C - +60 °C (HT version)
Power supply type	Quick connector
Max. conductor cross-section	2,5 mm²
Entry cable diameter	7÷13 mm
Storage temperature	-40 °C - +70 °C
Warranty	2 years extendable to 5 years
Directives	2014/35/UE; 2014/30/UE; 2011/65/UE
Product standards	EN 60598-1, EN 60598-2-1, EN60598-2-5, EN 62471, EN 60598-2-22 EN 60598-2-24, EN 62493, IEC/TR 62778, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3, EN 50581, DIN 18032-3, EN 13964 annex D









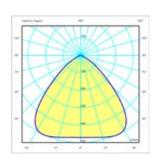


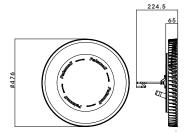


up to 144 lm/W 230.000h UGR<22



**Professional** pendant LED light fixtures glass diffuser rotosymmetrical 90° comfort wide beam optics IP66/IP67





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	117	19600	16349	-	810630DA	8,59	1
112	156	26100	21798	DALI	810640DA	8,74	1
140	179	30800	25712		810650DA	8,94	1
168	215	37000	30883	-	810660DA	9,31	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector. Features: typical installation height between 5 and 8 m.

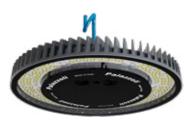
Notes: the stated flux and power values may be subject to a + /-7% tolerance.

Wireless control systems are available upon request.

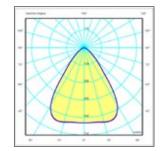
The fixture is designed for operation in central emergency lighting systems (Vac/Vdc).

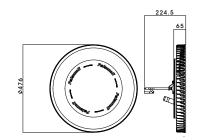
It can be supplied with an autonomous emergency kit on request.

up to 144 lm/W 230.000h UGR<22



**Professional** pendant LED light fixtures glass diffuser rotosymmetrical 75° medium beam optics IP66/IP67





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	117	19600	16022		810631DA	8,59	1
112	156	26100	21362	DALI	810641DA	8,74	1
140	179	30800	25193		810651DA	8,94	1
168	215	37000	30260	_	810661DA	9,31	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector. Features: typical installation height between 6 and 9 m.

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

Wireless control systems are available upon request.

The fixture is designed for operation in central emergency lighting systems (Vac/Vdc).

It can be supplied with an autonomous emergency kit on request.

# META<sub>150</sub> HE high efficiency









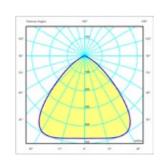


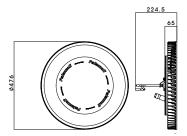


up to 147 lm/W UGR<22 230.000h



**Professional high-efficiency** pendant LED light fixtures glass diffuser rotosymmetrical 90° comfort wide beam optics IP66/IP67





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	96	16300	13632		810430DA	8,59	1
112	129	21900	18318	DALI	810440DA	8,74	1
140	151	26600	22197	DALI	810450DA	8,94	1
168	181	31700	26426	-	810460DA	9,31	1

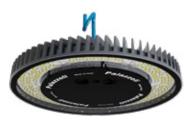
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector. Features: typical installation height between 5 and 8 m.

Notes: the stated flux and power values may be subject to a  $\pm$ 7% tolerance.

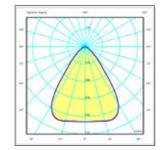
Wireless control systems are available upon request.

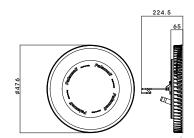
The fixture is designed for operation in central emergency lighting systems (Vac/Vdc).

up to 147 lm/W UGR<22 230.000h



**Professional high-efficiency** pendant LED light fixtures glass diffuser rotosymmetrical 75° medium beam optics IP66/IP67





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	96	16300	13440		810431DA	8,59	1
112	129	21900	18060	DALI	810441DA	8,74	1
140	151	26600	21895		810451DA	8,94	1
168	181	31700	26064	_	810461DA	9,31	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector. Features: typical installation height between 5 and 8 m.

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

Wireless control systems are available upon request.

The fixture is designed for operation in central emergency lighting systems (Vac/Vdc).

## META<sub>150</sub> HT +60°C









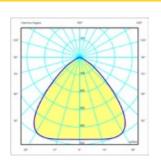


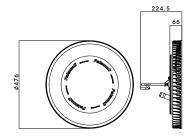


up to 151 lm/W UGR<22 230.000h



Professional HT +60°C pendant LED light fixtures glass diffuser rotosymmetrical 90° comfort wide beam optics IP66/IP67





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	73	12700	10775		810430HT	8,59	1
112	97	16900	14317	DALI	810440HT	8,74	1
140	112	20300	16912	DALI	810450HT	8,94	1
168	134	24200	20234	-	810460HT	9,31	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector. Features: typical installation height between 5 and 8 m.

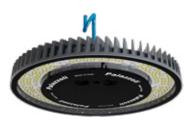
Notes: the stated flux and power values may be subject to a + /-7% tolerance.

Wireless control systems are available upon request.

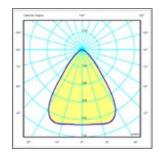
The fixture is designed for operation in central emergency lighting systems (Vac/Vdc).

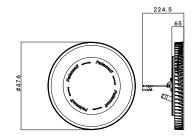
Pendant with polycarbonate diffuser on request.

230.000h	up to 151 lm/W	UGR<22
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Professional HT +60°C pendant LED light fixtures glass diffuser rotosymmetrical 75° medium beam optics IP66/IP67





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	73	12700	10600		810431HT	8,59	1
112	97	16900	14085	DALI	810441HT	8,74	1
140	112	20300	16576	<u> </u>	810451HT	8,94	1
168	134	24200	19832	-	810461HT	9,31	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector. Features: typical installation height between 6 and 9 m.

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

Wireless control systems are available upon request.

The fixture is designed for operation in central emergency lighting systems (Vac/Vdc).

Pendant with polycarbonate diffuser on request.

### META<sub>150</sub> HACCP









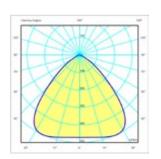


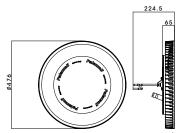


230.000h up to 144 lm/W UGR<22



**Professional** pendant LED light fixtures **HACCP-compliant for food industry** polycarbonate diffuser rotosymmetrical 90° comfort wide beam optics IP66/IP67





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	117	19600	16349		810432DA	8,59	1
112	156	26100	21798	DALI	810442DA	8,74	1
140	179	30800	25712		810452DA	8,94	1
168	215	37000	30883	_	810462DA	9,31	1

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

Features: typical installation height between 5 and 8 m.

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

Wireless control systems are available upon request.

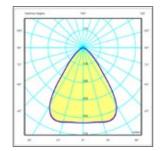
The fixture is designed for operation in central emergency lighting systems (Vac/Vdc).

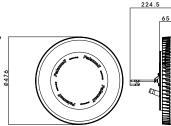
It can be supplied with an autonomous emergency kit on request.

up to 144 lm/W 230.000h UGR<22



**Professional** pendant LED light fixtures **HACCP-compliant for food industry** polycarbonate diffuser rotosymmetrical 75° medium beam optics IP66/IP67





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	117	19600	16022		810433DA	8,59	1
112	156	26100	21362		810443DA	8,74	1
140	179	30800	25193	DALL	810453DA	8,94	1
168	215	37000	30260	-	810463DA	9,31	1

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

Features: typical installation height between 6 and 9 m.

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

Wireless control systems are available upon request.

The fixture is designed for operation in central emergency lighting systems (Vac/Vdc).

It can be supplied with an autonomous emergency kit on request.



#### 150 lm/W energy efficiency



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



The META<sub>150</sub>-EX series is the new line of ATEX pendant light fixtures for zones 2, 21 and 22 with an efficiency up to 150 Im/W. This efficacy allows you to save over 70% on energy consumption. META<sub>150</sub>-EX is equipped with a high dissipation thermal management system that keeps the semiconductors unaltered over time. The input and connection to the terminal board is via 'Ex e' cable gland without having to make any insulation. The power supply electronics have been made in compliance with the EN 60079-18 Standard with 'Ex mb' protection mode (encapsulation).

Thanks to the comfort beam optics available in the catalogue, areas with combustible dusts and flammable gases can be illuminated in the best possible way.

The photometric curves (LDT file) are available on the website www.palazzoli.com



Atex installation	( II 3G 2D Ex ec mc IIC T4 Gc Ex tb IIIC T100°C Db
Body material	EN 46100 aluminium alloy
Surface treatment	Fluorozirconate passivation
Surface finish/colour	RAL 9005
Diffuser material	Extra-clear tempered glass
Protection rating	IP66IP66 as per IEC/EN 60079-0 and 60598-1
Impact resistance	IK08 as per IEC/EN 62262
Corrosion class	C3 (ISO 9223)
Fixing system	Quick connection for pendant mounting
Net weight	9,5 kg max
Optic specifications	PMMA lenses resistant to ageing and UV rays with efficiency >90% and transparency >95%
Fixture efficiency	Up To 148 lm/W
Colour temperature	4.000 K
Colour rendering index	CRI ≥ 80 as per EN 62717
Colour consistency	3 step of MacAdam
Photobiological risk	RG0 - Exempt Group (EN 62471)
Glare index	UGR <22
Residual flicker	< 1%
Lifetime	L90 B10 110.000h Tq= +40° C L90 B10 230.000h Tq= +25° C
Insulation class	I
Power supply voltage	200-240 V 50-60 Hz
Surge protections	10 kV common mode 6 kV differential mode (EN 61000-4-5)
Power factor	≥ 0,95
Operating temperature	-30 °C - +40 °C
Power supply type	Spring terminals and M20 cable gland
Max. conductor cross-section	2,5 mm²
Entry cable diameter	7÷13 mm
Storage temperature	-40 °C - +70 °C
Warranty	2 years extendable to 5 years
Approval and marks	EX, IECEx
Directives	2014/34/UE; 2014/35/UE; 2014/30/UE; 2011/65/UE
Product standards	EN 60079-0, EN 60079-7, EN 60079-18, EN 60079-31, EN 60598-1, EN 60598-2-1, EN 62471, EN 60598-2-22, EN 60598-2-24, EN 62493, IEC/TR 62778, EN 55015, EN 61547, EN 61000-3-2 EN 61000-3-3, EN 50581



## META<sub>150</sub>-EX ATEX zones 2 - 21,22

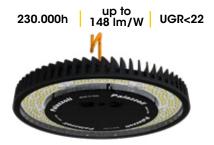




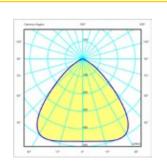
**STANDARD ON-OFF** 

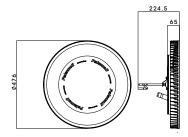






**Professional** pendant LED light fixtures glass diffuser rotosymmetrical 90° comfort wide beam optics **IP66** 





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	60	10296	8748		810430EX	8,59	1
112	81	14094	11907	standard	810440EX	8,74	1
140	112	20300	16576	on-off	810450EX	8,94	1
168	134	24200	19832		810460EX	9,31	1

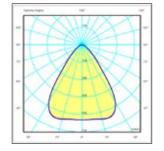
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector. Features: typical installation height between 5 and 8 m. **Notes:** the stated flux and power values may be subject to a  $\pm$ 7% tolerance.

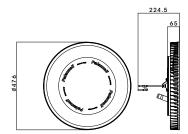
Wireless control systems are available upon request.

230.000h	up to 148 lm/W	UGR<22
	И	



**Professional** pendant LED light fixtures glass diffuser rotosymmetrical 75° medium beam optics **IP66** 





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	60	10296	8580		810431EX	8,59	1
112	81	14094	11745	standard	810441EX	8,74	1
140	112	20300	16352	on-off	810451EX	8,94	1
168	134	24200	19564		810461EX	9,31	1

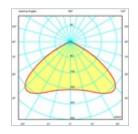
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector. Features: typical installation height between 6 and 9 m.

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



The high-performance META high-bay range, specially designed to guarantee several photometric solutions, is completing the system.

Its different beam optics illuminate work areas in the best possible way, guaranteeing visual comfort and lighting performance.



#### Symmetrical 110° extra wide beam optics

Installation between 4 and 8 m

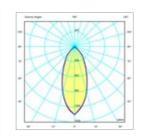
PAGE 18 glass diffuser

**PAGE 20** HT + 55°C glass diffuser



€ Gyms

Retail



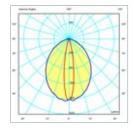
#### Symmetrical 41° narrow beam optics

Installation between 8 and 12 m

PAGE 18 glass diffuser

**PAGE 20** HT + 55°C glass diffuser



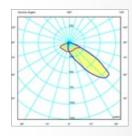


#### Symmetrical 92°x20° elliptical beam optics

Installation for aisles, shelving between 6 and 9 m

PAGE 19 glass diffuser





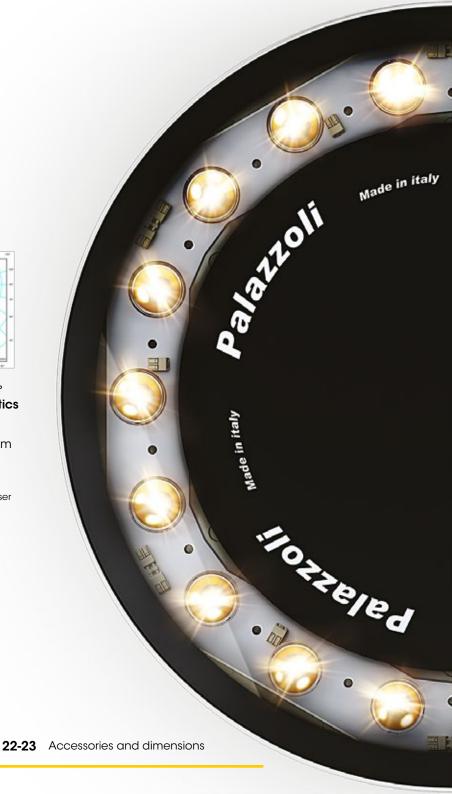
#### Asymmetrical 50° narrow beam optics

Wall installation between 4 and 9 m

PAGE 21 glass diffuser







## Datasheet





META is the first industrial luminaire with LEDs arranged in a circular crown that allow uniform lighting without the need for adjustments.

The body is made of die-cast aluminium with anti-corrosion treatment, finished with an anti-scratch powder coating.

The 4 mm thick extra-clear tempered glass diffuser guarantees maximum resistance in harsh environments with chemical substances.

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

The photometric curves (LDT file) are available on the website www.palazzoli.com

Body material	EN 46100 aluminium alloy
Surface treatment	Fluorozirconate passivation
Surface finish/colour	Hot-polymerised non-toxic polyester RAL 7011
Diffuser material	Extra-clear tempered glass or polycarbonate
Protection rating	IP66/IP67 as per IEC/EN 60079-0 and 60598-1
Impact resistance	IK08 as per IEC/EN 62262
Corrosion class	C3 (ISO 9223)
Fixing system	Quick connection for pendant mounting
Net weight	9,5 kg max
Optic specifications	PMMA lenses resistant to ageing and UV rays with efficiency >90% and transparency >95%
Fixture efficiency	Up To 110 lm/W
Colour temperature	4.000 K
Colour rendering index	CRI ≥ 80 as per EN 62717
Colour consistency	4 step of MacAdam
Photobiological risk	RG0 - Exempt Group (EN 62471)
Residual flicker	< 1%
Lifetime	L80 B20 @ 110.000h Tq=-30 °C - +40 °C Tq=-30 °C - +55 °C (HT version)
Insulation class	I (II on request)
Power supply voltage	200-240 V 50-60 Hz
Surge protections	10 kV common mode 6 kV differential mode (EN 61000-4-5)
Power factor	≥ 0,95
Operating temperature	-30 °C - +40 °C -30 °C - +55 °C (HT version)
Power supply type	Quick connector
Max. conductor cross-section	2,5 mm <sup>2</sup>
Entry cable diameter	7÷13 mm
Storage temperature	-40 °C - +70 °C
Emergency battery	1h-3h
Storage temperature	24h
Warranty	2 years extendable to 5 years
Directives	2014/35/UE; 2014/30/UE; 2011/65/UE
Product standards	EN 60598-1, EN 60598-2-1, EN60598-2-5, EN 62471, EN 60598-2-22, EN 60598-2-24, EN 62493, IEC/TR 62778, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3, EN 50581, DIN 18032-3, EN 13964 annex D



DIMMABLE 1-10V

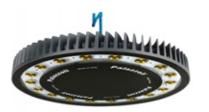




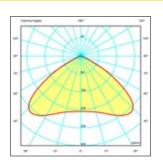


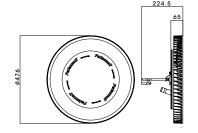


up to 110 lm/W 110.000h



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





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
9	99	13230	10830		810090	8,59	1
12	133	17640	14439	1-10 V	810020	8,74	1
15	168	22050	18049	- dimmable as - standard	810050	8,94	1
18	199	26460	21659	-	810080	9,31	1
9	99	13230	10830		810190	9,24	1
12	133	17640	14439	omorgonou*	810120	9,39	1
15	168	22050	18049	- emergency*	810150	9,59	1
18	199	26460	21659		810180	9,96	1

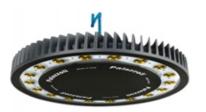
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector. (2 connectors for emergency versions).

Features: typical installation height between 4 and 8 m.
\*The emergency version must be completed with the kit on page 22.

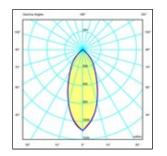
Notes: the stated values may be subject to a +/- 7% tolerance.

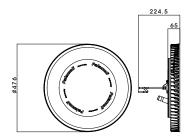
Wireless control systems are available upon request.

up to 110 lm/W 110.000h UGR<22



**Professional** pendant LED light fixtures glass diffuser rotosymmetrical 41° narrow beam optics IP66/IP67





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
9	99	13230	10572		810091	8,59	1
12	133	17640	14096	1-10 V	810021	8,74	1
15	168	22050	17620	- dimmable as — standard	810051	8,94	1
18	199	26460	21144	-	810081	9,31	1

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

Features: typical installation height between 8 and 12 m.

**Notes:** the stated values may be subject to a  $\pm$ 7% tolerance.



DIMMABLE 1-10V



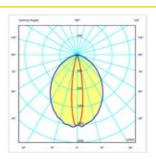


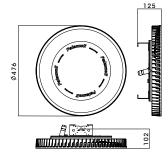


110.000h | up to | UGR<22



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





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
9	99	13230	9965		810092	8,59	1
12	133	17640	13287	1-10 V	810022	8,74	1
15	168	22050	16609	- dimmable as — standard	810052	8,94	1
18	199	26460	19931	_	810082	9,31	1

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

Features: typical installation height between 6 and 9 m.

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



## **META** HT +55°C



DIMMABLE 1-10V

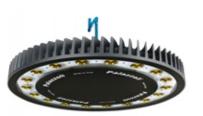




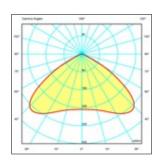


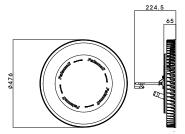


110.000h up to 110 lm/W



Professional HT +55°C pendant LED light fixtures glass diffuser rotosymmetrical 110° extra wide beam optics IP66/IP67

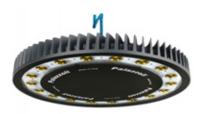




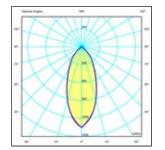
No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
9	76	10187	8339		810090HT	8,59	1
12	102	13583	11118	1-10 V	810020HT	8,74	1
15	129	16979	13898	- dimmable as - standard	810050HT	8,94	1
18	153	20374	16677		810080HT	9,31	1

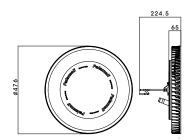
Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector. Features: typical installation height between 4 and 8 m. Notes: the stated values may be subject to a +/- 7% tolerance.

up to 110 lm/W 110.000h UGR<22



Professional HT +55°C pendant LED light fixtures glass diffuser rotosymmetrical 41° narrow beam optics IP66/IP67





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
9	76	10187	8140		810091HT	8,59	1
12	102	13583	10854	1-10 V	810021HT	8,74	1
15	129	16979	13567	- dimmable as - standard	810051HT	8,94	1
18	153	20374	16281	_	810081HT	9,31	1

Equipment included: quick connection for pendant mounting. Power supply with 5P quick connector. Features: typical installation height between 8 and 12 m.

**Notes:** the stated values may be subject to a  $\pm$ 7% tolerance.

Wireless control systems are available upon request.





DIMMABLE 1-10V



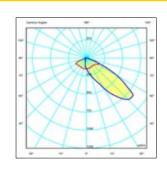


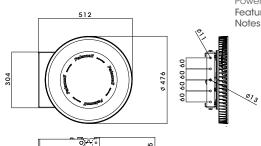






Professional LED floodlights glass diffuser asymmetrical 50° narrow beam optics IP66/IP67





No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25°C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
9	99	13230	9193		810296	10,43	1
12	133	17640	12258	1-10 V	810226	10,58	1
15	168	22050	15322	- dimmable as — standard	810256	10,78	1
18	199	26460	18387	_	810286	11,15	1

**Equipment included:** adjustable bracket for wall mounting or to load-bearing structures (poles, lighting towers). Power supply with 5P quick connector.

Features: suitable for lighting outdoor areas and sports facilities. Notes: the stated values may be subject to a +/- 7% tolerance.

# Floodlight accessories



Universal mount for pole-top and projecting bracket for  $\emptyset$  60 mm and  $\emptyset$  76 mm poles

Manufacturing material	Palazzoli Code	Pack Qty.
painted galvanised steel	811908	1



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

Manufacturing material	Palazzoli Code	Pack Qty.
painted galvanised steel	811912	1

### Accessories



Bracket for mounting on double chain and busbar

Manufacturing material	Palazzoli Code	Pack Qty.
aalvanised steel	810997	1



0 - 90° adjustable bracket for double chain mounting

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 Ø 60mm pole mounting

Manufacturing material	Palazzoli Code	Pack Qty.
galvanised steel	810995	1



Adjustable bracket for wall, pole and light tower mounting

Manufacturing material	Palazzoli Code	Pack Qty.
painted galvanised steel	810999	1



Adjustable 0 - 90° bracket for catenary wire mounting

Manufacturing material	Palazzoli Code	Pack Qty.	
galvanised steel	810994	1	



Protection guard

Manufacturing material	Palazzoli Code	Pack Qty.
galvanised steel	810993	1



Emergency kit

	Manufacturing material	Emergency duration	Palazzoli Code	Pack Qty.
	aluminium allov	1h	810992	1
	aluminium alloy	3h <b>81099</b> 1	810991	1

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

Features: 1 M20 entry and 1 exit with connector.

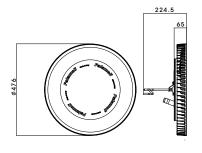
Notes: the interface bracket is designed for double fixed chain connection and quick connection for pendant mounting.

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).

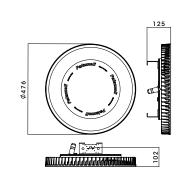


### **Dimensions**

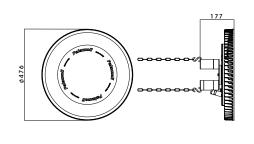
Pendant mounting



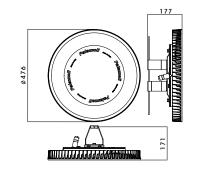
Double chain mounting



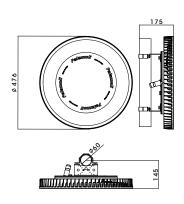
Adjustable double chain mounting



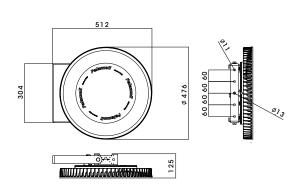
Catenary wire mounting



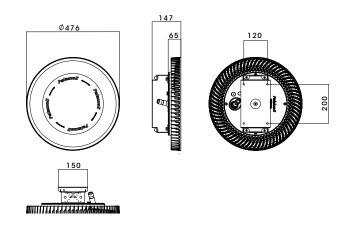
Pole mounting



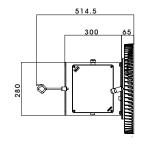
Wall mounting with bracket

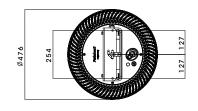


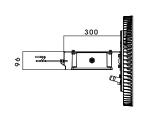
Ceiling mounting



Emergency









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