META150

Rotosymmetrical optics

LIGHTING

Palazzoli

META150

Light **quality** meets
maximum efficiency

up to
70%
savings
on energy
consumption

>230.000
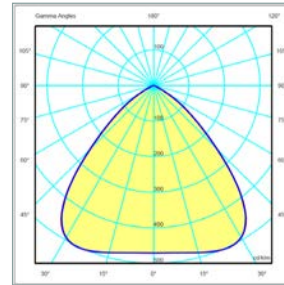hour lifetime

payback period
2 years
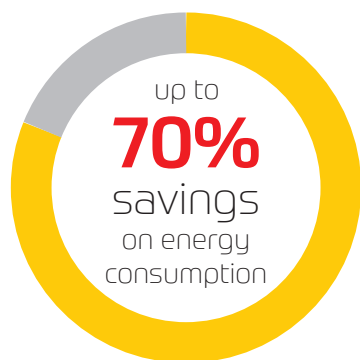
150 lm/W energy efficiency

META150 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.

META150

Symmetrical 90°
comfort wide beam optics
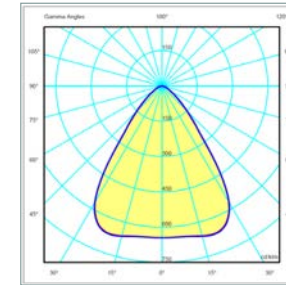
Installation between
5 and 8 metres

Symmetrical 75°
medium beam optics

Installation between
6 and 9 metres

Industry   Gyms   Retail   Atex | **22-23** Accessories and dimensions

META150

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

META₁₅₀

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 META150 is equipped with the watertight connector for a quick plug and play connection.

Various mounting options

META150'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$_{150}$ 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$_{150}$ 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.

LED Performance
- Specifications confirmed
- Production supervised
www.dekra-seal.com

DEKRA certified

PLUS

ENEC

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

META150

150 lm/W energy efficiency

Datasheet

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**

META150 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 lm to 37000 lm which allows you to reduce the number of light fixtures installed.

The META150 light is protected by a die-cast aluminium body with an anti-corrosion treatment and by a tempered glass or HACCP polycarbonate diffuser.
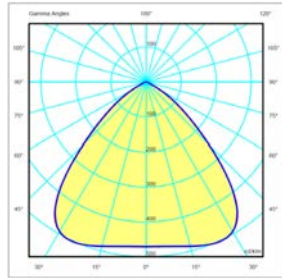
The quality of the light can be seen from the high visual comfort given by the PMMA lenses designed and built by Palazzoli. The lifetime over 230.000 hours and the Italian design make META150 the best solution for industrial, retail and sports lighting.

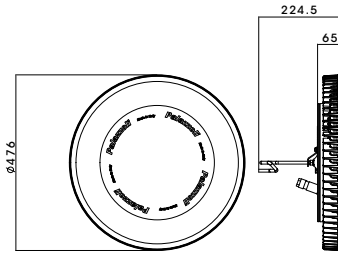The photometric curves (LDT file) are available on the website www.palazzoli.com

META150

230.000h | up to 144 lm/W | UGR<22

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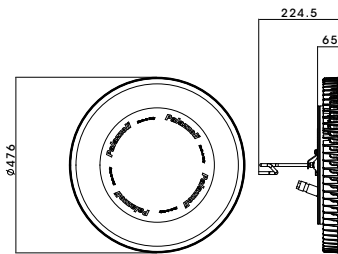It can be supplied with an autonomous emergency kit on request.

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

224.5
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Ø476

230.000h | up to 144 lm/W | UGR<22

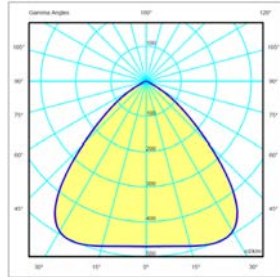| No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	117	19600	16022		**810631DA**	8,59	1
112	156	26100	21362	DALI	**810641DA**	8,74	1
140	179	30800	25193		**810651DA**	8,94	1
168	215	37000	30260		**810661DA**	9,31	1

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.

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

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META150
HE high efficiency

-30°C +50°C | DALI | CORROSION RESISTANT | FLICKER FREE | 5 2-YEAR WARRANTY EXTENDABLE TO 5 YEARS | 70% ENERGY SAVINGS
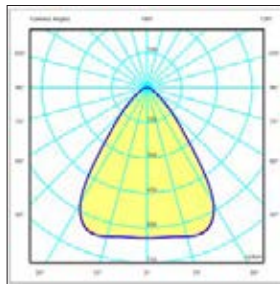

230.000h | up to 147 lm/W | UGR<22

Professional high-efficiency pendant LED light fixtures glass diffuser rotosymmetrical 90° comfort wide beam optics IP66/IP67
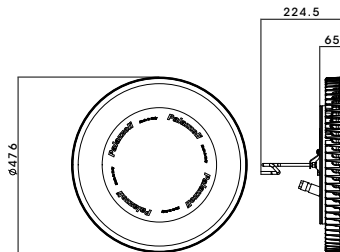
Ø476

224.5 | 65
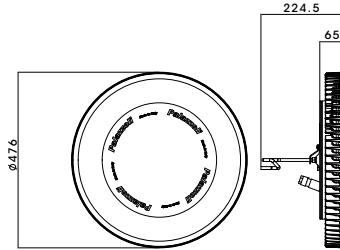
No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	96	16300	13632	DALI	**810430DA**	8,59	1
112	129	21900	18318		**810440DA**	8,74	1
140	151	26600	22197		**810450DA**	8,94	1
168	181	31700	26426		**810460DA**	9,31	1

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 +/- 7% tolerance.
Wireless control systems are available upon request.
The fixture is designed for operation in central emergency lighting systems (Vac/Vdc).

230.000h | up to 147 lm/W | UGR<22

Professional high-efficiency pendant LED light fixtures glass diffuser rotosymmetrical 75° medium beam optics IP66/IP67
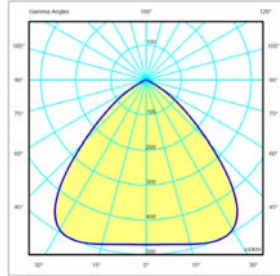
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224.5 | 65

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	DALI	**810431DA**	8,59	1
112	129	21900	18060		**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).
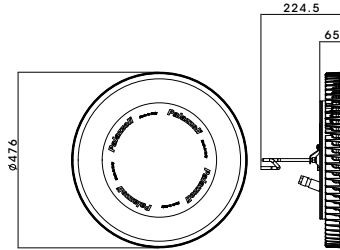
META150

HT +60°C

-30°C +60°C | DALI | CORROSION RESISTANT | FLICKER FREE | 5 2-YEAR WARRANTY EXTENDABLE TO 5 YEARS | 70% ENERGY SAVINGS
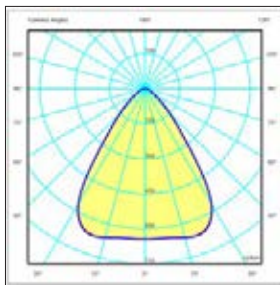

230.000h | up to 151 lm/W | UGR<22

Professional HT +60°C pendant LED light fixtures glass diffuser rotosymmetrical 90° comfort wide beam optics IP66/IP67
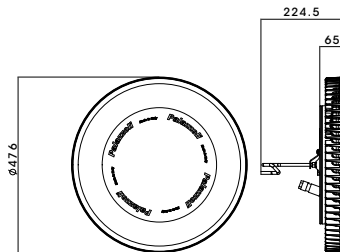
No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	73	12700	10775		**810430HT**	8,59	1
112	97	16900	14317	DALI	**810440HT**	8,74	1
140	112	20300	16912		**810450HT**	8,94	1
168	134	24200	20234		**810460HT**	9,31	1

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.

224.5
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Ø476

230.000h | up to 151 lm/W | UGR<22

Professional HT +60°C pendant LED light fixtures glass diffuser rotosymmetrical 75° medium beam optics IP66/IP67
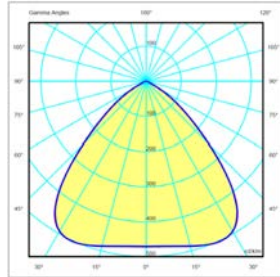
No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	73	12700	10600		**810431HT**	8,59	1
112	97	16900	14085	DALI	**810441HT**	8,74	1
140	112	20300	16576		**810451HT**	8,94	1
168	134	24200	19832		**810461HT**	9,31	1

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).
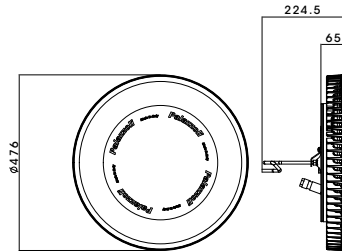Pendant with polycarbonate diffuser on request.

224.5
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Ø476

-30°C +40°C

DALI

CORROSION RESISTANT

FLICKER FREE

5 **2-YEAR WARRANTY EXTENDABLE TO 5 YEARS**

60% ENERGY SAVINGS

230.000h | up to **144 lm/W** | **UGR<22**

No. of LEDs	Fixture power (W)	Nominal flux (lm) $T_j= 25 °C$	Output flux (lm) $T_q= 25 °C$	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).
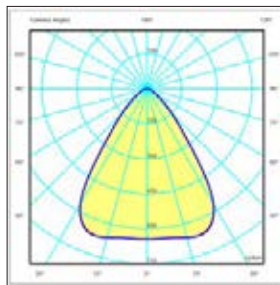It can be supplied with an autonomous emergency kit on request.

Professional pendant LED light fixtures HACCP-compliant for food industry polycarbonate diffuser rotosymmetrical 90° comfort wide beam optics IP66/IP67
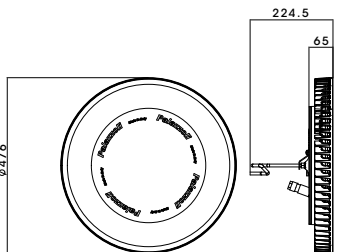
224.5 | 65 | Ø476

230.000h | up to **144 lm/W** | **UGR<22**

No. of LEDs	Fixture power (W)	Nominal flux (lm) $T_j= 25 °C$	Output flux (lm) $T_q= 25 °C$	Version	Palazzoli Code	Weight (kg)	Pack Qty.
84	117	19600	16022		**810433DA**	8,59	1
112	156	26100	21362	DALI	**810443DA**	8,74	1
140	179	30800	25193		**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.

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

224.5 | 65 | Ø476

META₁₅₀-EX

150 lm/W energy efficiency

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

The META₁₅₀-EX series is the new line of ATEX pendant light fixtures for zones 2, 21 and 22 with an efficiency up to 150 lm/W. This efficacy allows you to save over 70% on energy consumption. META₁₅₀-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

Datasheet

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**

META₁₅₀-EX
ATEX zones 2 - 21,22
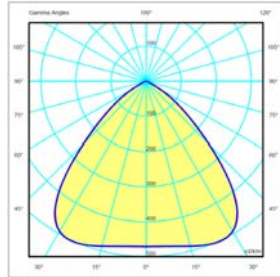
-30°C +40°C

STANDARD ON-OFF
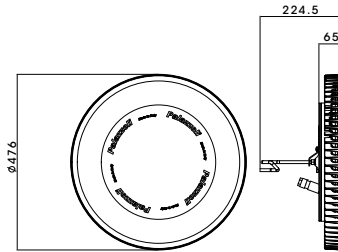
2-YEAR WARRANTY EXTENDABLE TO 5 YEARS

70% ENERGY SAVINGS

230.000h | up to 148 lm/W | UGR<22

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

224.5
65
Ø476

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 on-off	**810440EX**	8,74	1
140	112	20300	16576		**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.
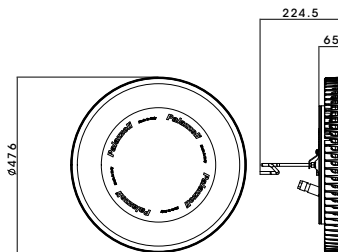**Features:** typical installation height between 5 and 8 m.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.
Wireless control systems are available upon request.

230.000h | up to 148 lm/W | UGR<22
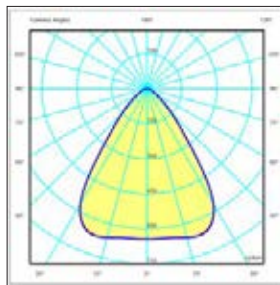
**Professional
pendant LED light fixtures
glass diffuser
rotosymmetrical 75°
medium beam optics
IP66**

224.5
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Ø476

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 on-off	**810441EX**	8,74	1
140	112	20300	16352		**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.
Wireless control systems are available upon request.

META

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.
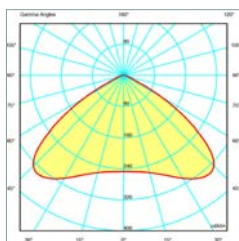
**Symmetrical 110°
extra wide beam optics**

Installation
between 4 and 8 m

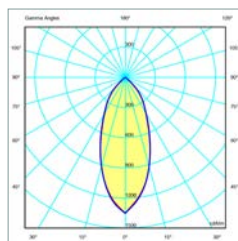**PAGE 18**   glass diffuser

PAGE 20   HT + 55°C
glass diffuser
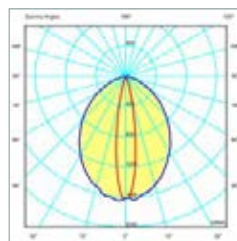
Industry

Gyms

Retail

**Symmetrical 41°
narrow beam optics**

Installation
between 8 and 12 m

PAGE 18   glass diffuser

PAGE 20   HT + 55°C
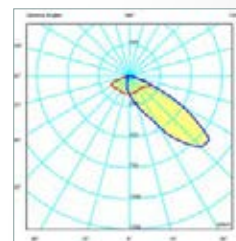glass diffuser

Industry

**Symmetrical 92°x20°
elliptical beam optics**

Installation for aisles,
shelving between 6 and 9 m

PAGE 19   glass diffuser

Industry

**Asymmetrical 50°
narrow beam optics**

Wall installation
between 4 and 9 m

PAGE 21   glass diffuser

Industry

Gyms

22-23   Accessories and dimensions

Datasheet

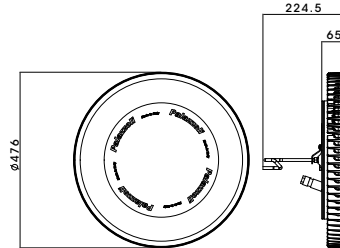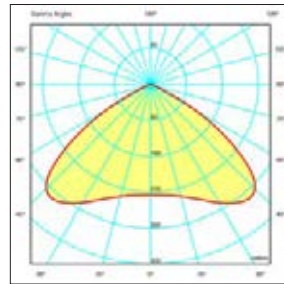|	
Body material	**EN 46100 aluminium alloy**
Surface treatment	**Fluorozirconate passivation**
Surface finish/colour	**Hot-polymerised non-toxic polyester RAL 7011**
Diffuser material	**Extra-clear tempered glass or polycarbonate**
Protection rating	**IP66/IP67 as per IEC/EN 60079-0 and 60598-1**
Impact 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 mm²**
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**

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

META

110.000h | up to 110 lm/W

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

224.5 / 65 / Ø476

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	1-10 V dimmable as standard	**810090**	8,59	1
12	133	17640	14439		**810020**	8,74	1
15	168	22050	18049		**810050**	8,94	1
18	199	26460	21659		**810080**	9,31	1
9	99	13230	10830	emergency*	**810190**	9,24	1
12	133	17640	14439		**810120**	9,39	1
15	168	22050	18049		**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.

110.000h | up to 110 lm/W | UGR<22

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

224.5 / 65 / Ø476
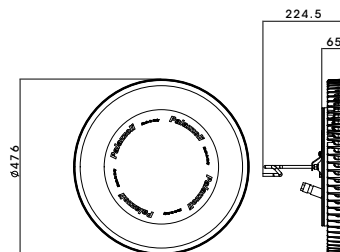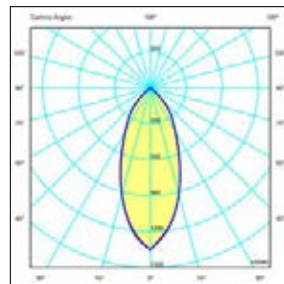
No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
9	99	13230	10572	1-10 V dimmable as standard	**810091**	8,59	1
12	133	17640	14096		**810021**	8,74	1
15	168	22050	17620		**810051**	8,94	1
18	199	26460	21144		**810081**	9,31	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 +/- 7% tolerance.
Wireless control systems are available upon request.

META

-30°C +40°C

DIMMABLE 1-10V

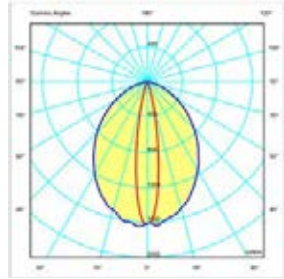CORROSION RESISTANT

FLICKER FREE
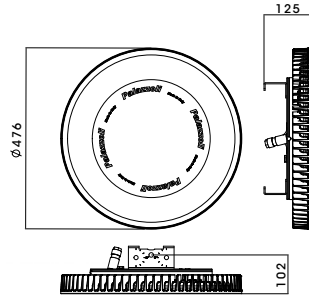
5 2-YEAR WARRANTY EXTENDABLE TO 5 YEARS
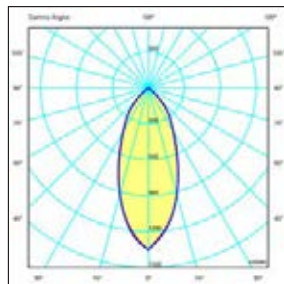
50% ENERGY SAVINGS

110.000h | up to 110 lm/W | UGR<22

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

Ø476

125

102

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 dimmable as standard	**810022**	8,74	1
15	168	22050	16609		**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.
Wireless control systems are available upon request.

META
HT +55°C

-30°C +55°C

DIMMABLE 1-10V

CORROSION RESISTANT

FLICKER FREE

2-YEAR WARRANTY EXTENDABLE TO 5 YEARS
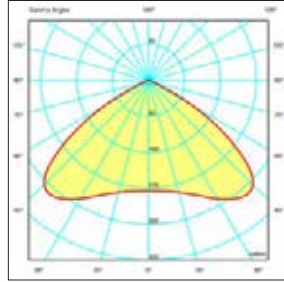
50% ENERGY SAVINGS

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
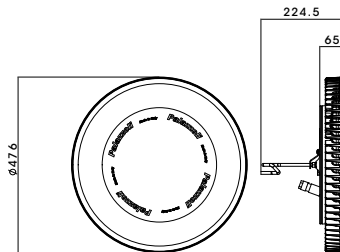
224.5
65
Ø476
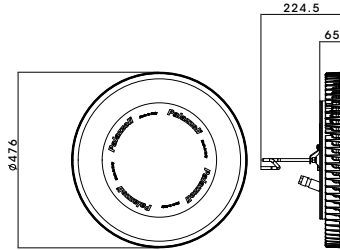
No. of LEDs	Fixture power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli Code	Weight (kg)	Pack Qty.
9	76	10187	8339		**810090HT**	8,59	1
12	102	13583	11118	1-10 V dimmable as standard	**810020HT**	8,74	1
15	129	16979	13898		**810050HT**	8,94	1
18	153	20374	16677		**810080HT**	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.
Wireless control systems are available upon request.

110.000h | **up to 110 lm/W** | **UGR<22**

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

224.5
65
Ø476

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 dimmable as standard	**810021HT**	8,74	1
15	129	16979	13567		**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 +/- 7% tolerance.
Wireless control systems are available upon request.

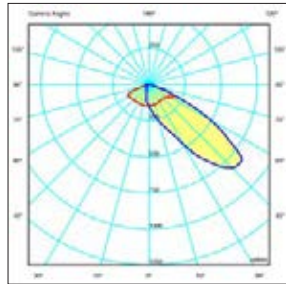# META

-30°C +40°C

DIMMABLE 1-10V

CORROSION RESISTANT

FLICKER FREE

5 — 2-YEAR WARRANTY EXTENDABLE TO 5 YEARS

50% ENERGY SAVINGS

110.000h | up to 110 lm/W

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

512 | 304 | Ø 476 | Ø 11 | 60 60 60 60 | Ø 13 | 125

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 dimmable as standard	**810226**	10,58	1
15	168	22050	15322		**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 Ø 60 mm and Ø 76 mm poles

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

Kit consisting of collar and plate for Ø 60 mm to Ø 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.
galvanised 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
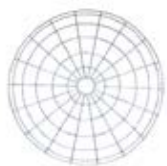
Protection guard

Manufacturing material	Palazzoli Code	Pack Qty.
galvanised steel	**810993**	1

CONNECTOR

M20

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, inverter and interface bracket.
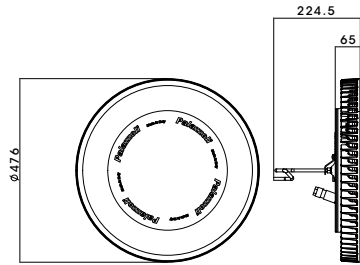**Features:** 1 M20 entry and 1 exit with connector.
Notes: the interface bracket is designed for double fixed chain connection and quick connection for pendant mounting.
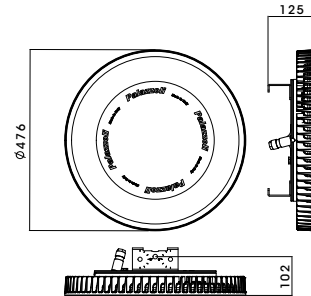When performing the horizontal pole mounting, adjustable mounting, ceiling mounting and adjustable bracket mounting, the emergency kit must be mounted close to the unit (max 1.5 m).
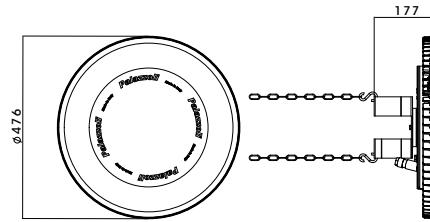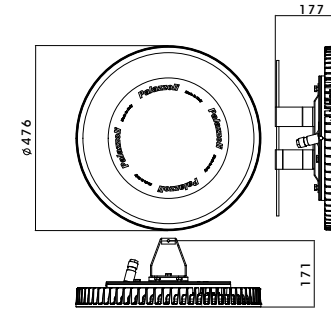
Dimensions

Pendant mounting

224.5
65
Ø476
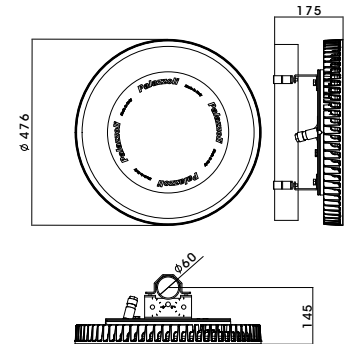
Double chain mounting

125
Ø476
102

Adjustable double chain mounting

177
Ø476

Catenary wire mounting

177
Ø476
171

Pole mounting

175
Ø476
Ø60
145

Wall mounting with bracket

512
304
Ø476
Ø11
60 60 60 60
Ø13
125

Ceiling mounting

Ø476
147
65
120
200
150

Emergency

514.5
300
65
280
Ø476
254
127
127
127
300
96

AIRC
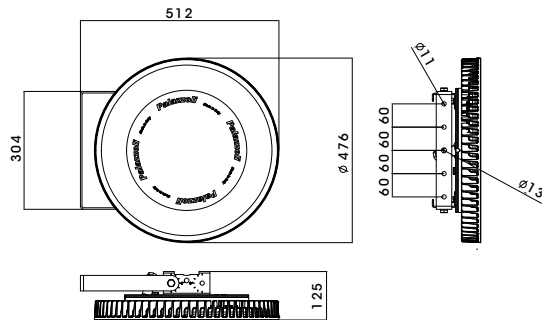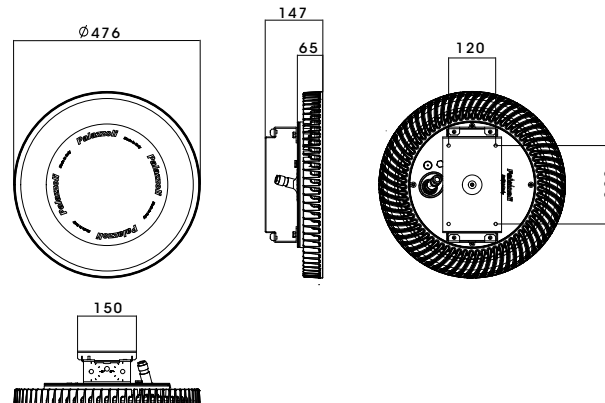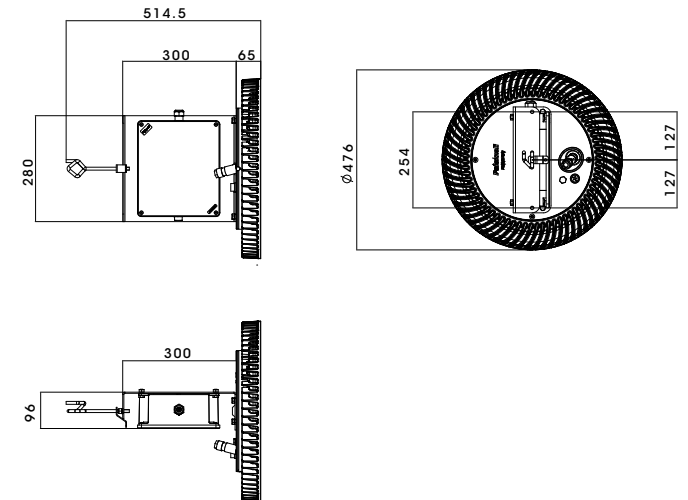
Palazzoli contributes to the Research
on Breast Cancer Immunotherapy

Customer focused operations

Smart engineering

Top manufacture

Service excellence

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