TIGUA

by *Palazzoli*

Lighting to save

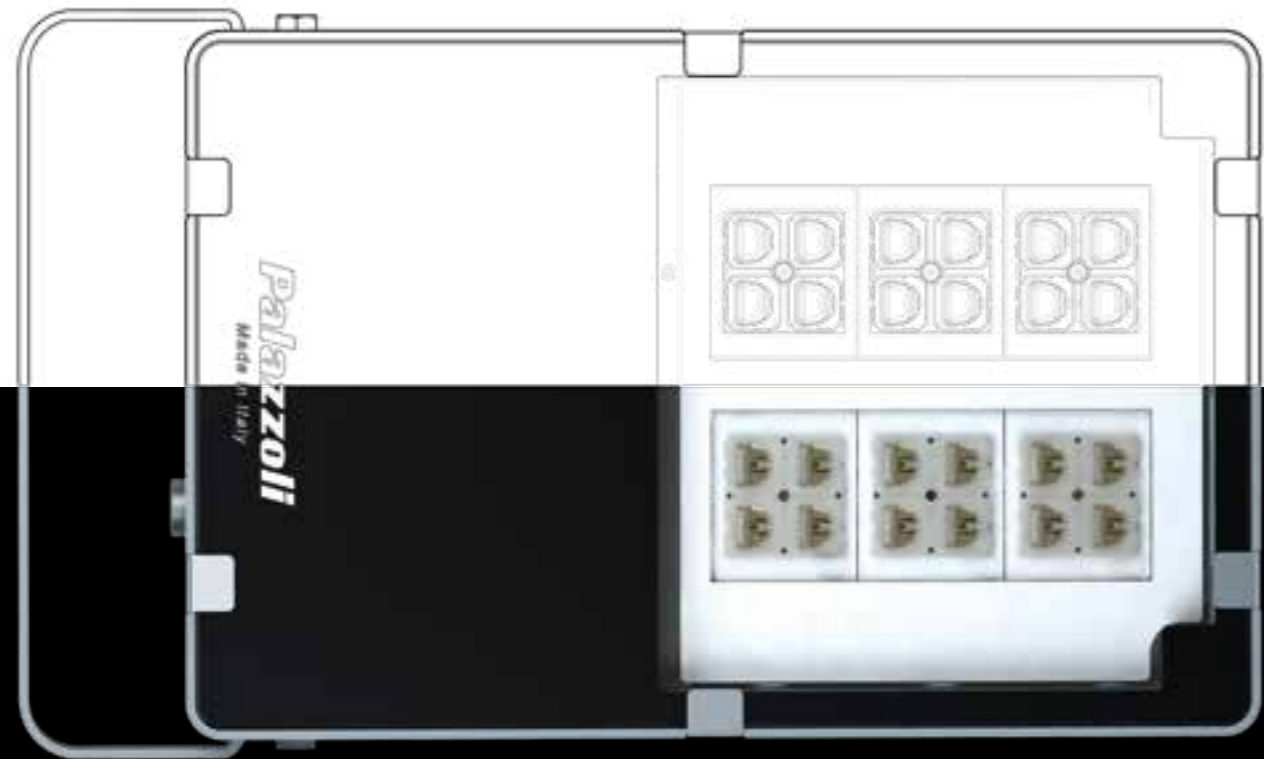**Palazzoli**

Tailor-made lighting systems

TIGUA is the new lighting fixture specifically designed for floodlighting and pendant mounting applications.
The best light distribution is guaranteed for any condition, thanks to the multiple photometric solutions available.
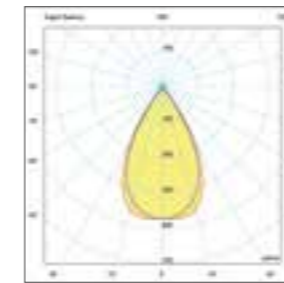
High performance

For any site lighting need, TIGUA is the best solution in terms of:

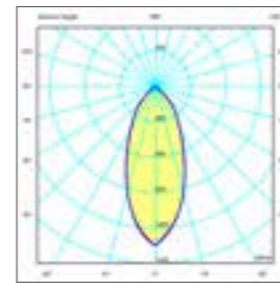- technological performance
- energy saving
- ease of installation

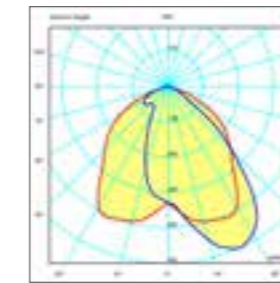# Floodlights
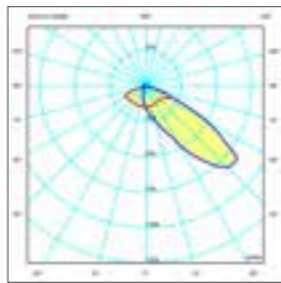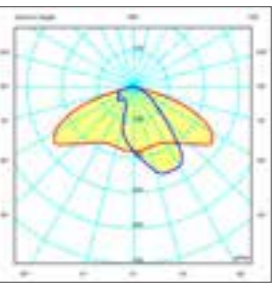
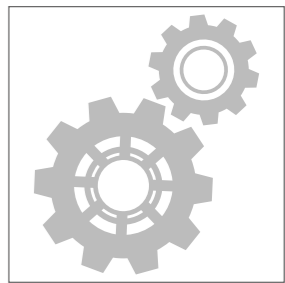| Symmetrical 81° extra wide beam	Symmetrical 36° narrow beam	Asymmetrical 23° extra wide beam	Asymmetrical 43° narrow beam	Roadway 65° wide beam	Accessories
PAGE 10 Glass diffuser **PAGE 12** HT + 55°C with glass diffuser	**PAGE 10** Glass diffuser	**PAGE 11** Glass diffuser **PAGE 12** HT + 55°C with glass diffuser	**PAGE 11** Glass diffuser	**PAGE 14** Glass diffuser **PAGE 14** Glass diffuser with pole-top bracket **PAGE 13** HT + 55°C with glass diffuser	**PAGE 15**

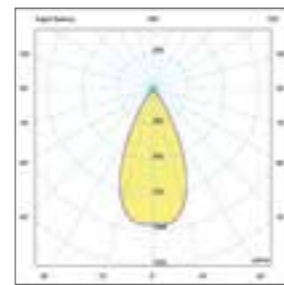# Suspension

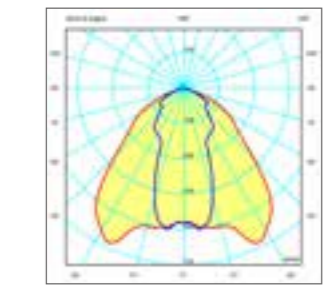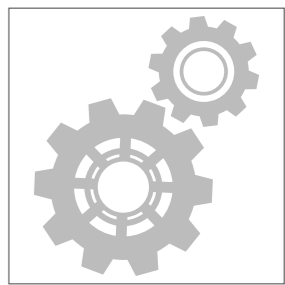| Symmetrical 81° extra wide beam	Symmetrical 55° medium beam	Symmetrical 36° narrow beam	Symmetrical 95°x41° elliptical beam	Accessories
Installation between 4m and 7m	Installation between 5m and 8m	Installation over 6m	Installation between narrow aisles	
PAGE 18 Glass diffuser **PAGE 20** Polycarbonate diffuser **PAGE 22** DALI with glass diffuser **PAGE 24** DALI with polycarbonate diffuser **PAGE 26** HT + 55°C with glass diffuser	**PAGE 18** Glass diffuser **PAGE 20** Polycarbonate diffuser **PAGE 22** DALI with glass diffuser **PAGE 24** DALI with polycarbonate diffuser **PAGE 26** HT + 55°C with glass diffuser	**PAGE 19** Glass diffuser **PAGE 21** Polycarbonate diffuser **PAGE 23** DALI with glass diffuser **PAGE 25** DALI with polycarbonate diffuser **PAGE 27** HT + 55°C with glass diffuser	**PAGE 19** Glass diffuser **PAGE 21** Polycarbonate diffuser **PAGE 23** DALI with glass diffuser **PAGE 25** DALI with polycarbonate diffuser **PAGE 27** HT + 55°C with glass diffuser	**PAGE 28**

Lightweight and compact

Weighing only 6.5 kg, Tigua is a very powerful light fixture.
Being compact and easy to handle, it can be installed by a single person.

Tailor-made adjustment

The adjustable power supplies allow to optimize 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 TIGUA range for pendant applications consists of 1-10V versions with adjustments made by analog signals, or DALI versions, which use a specific protocol on a bus system capable of improving system customization, thus providing greater energy savings.

In industrial environments with hot production process, the temperature can reach high values, particularly in summers due to the heat emitted by the roofs, near which the device is usually installed. The pendant version of TIGUA HT is perfectly suitable for these adverse conditions, thanks to its heat resistance up to +55 °C.

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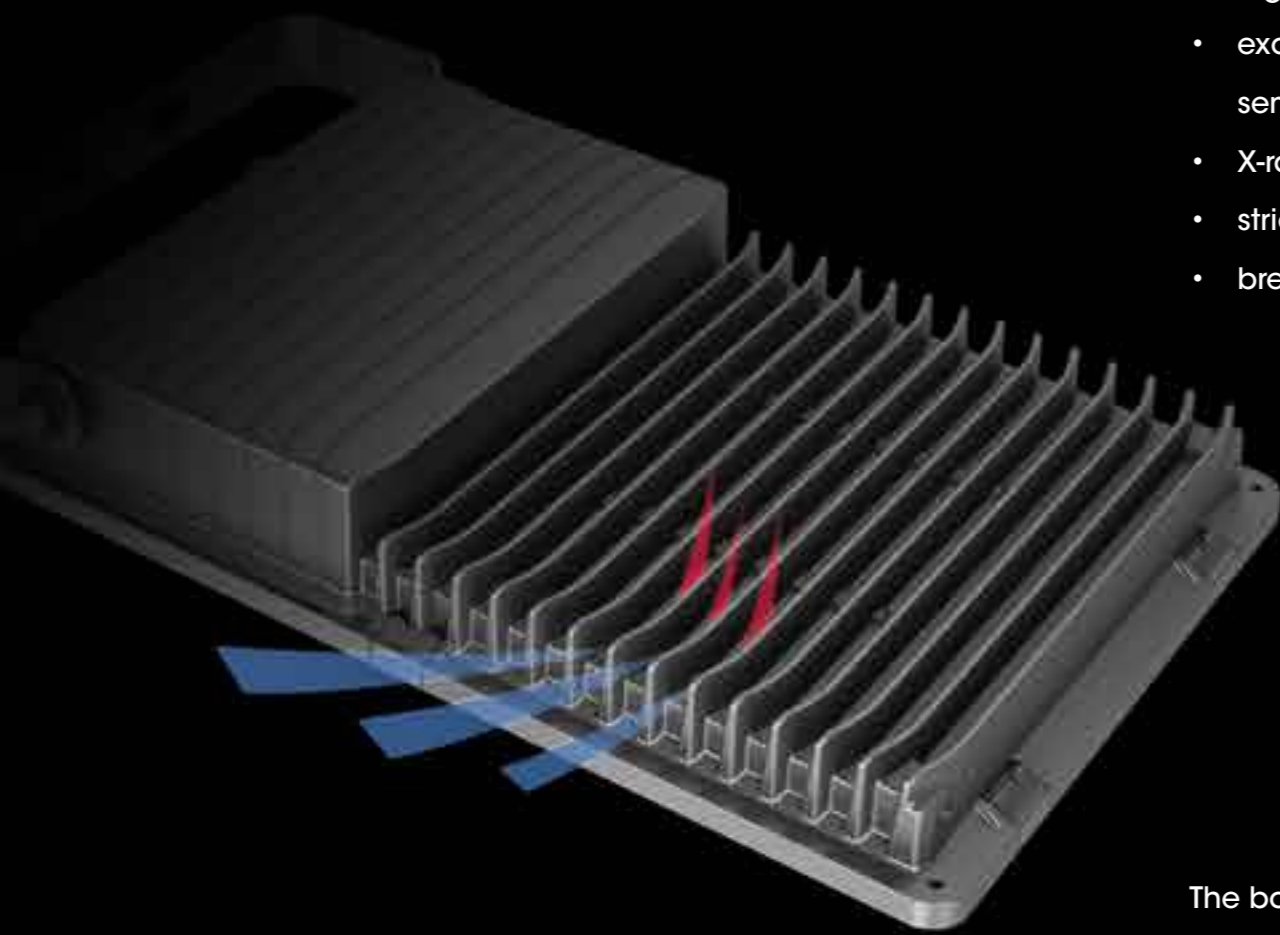
The long life of TIGUA is guaranteed by various design and production features:

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

The body is made of EN 44300 aluminium alloy with low copper content (aeronautical grade alloy) suitable for harsh environments having a corrosion class C4.

Efficient and safe

FLICKER FREE

The LEDs used allow TIGUA to achieve an output efficiency of up to 122 lumens/Watt. Colour rendering is ensured by the use of light sources with Colour Rendering Index (CRI) > 80.

The TIGUA uses flicker-free power supplies and is free from photobiological risks.

RISK GROUP EXEMPT

The low glare index (UGR ≤ 22) respects the eyesight of people in the working environment.

TIGUA is equipped with a connector that enables a quick connection to the power grid, with no need to open the light fixture. The IP66 protection rating therefore remains guaranteed.

ENERGY SAVING

Great value and high ROI

TIGUA is a lighting system that pays for itself.
It reduces the cost of ownership of lighting while ensuring the highest quality.

The return on investment is guaranteed within three years and maintained, thanks to the long life of the devices (> 100,000 hours).

TIGUA floodlight

TIGUA, Palazzoli's new floodlight, represents the best solution for lighting industrial sites, facades, signs, commercial spaces, sport centres and green areas.

TIGUA consists of a die-cast aluminium body with very low copper content (aeronautical grade alloy), with anti-corrosion treatment, and a 4mm thick diffuser in extra-clear tempered glass, that ensure maximum resistance of the floodlight, even in harsh environments. The rear cooling fins and the electronic components used increase the service life of the unit.

The estimated life of the device is 100,000 hours. The TIGUA is equipped with an adjustable painted galvanized steel bracket for on-site installation and adjustment.

The optical unit consists of LEDs with a colour temperature of 4000K and CRI ≥ 80 with a choice of optical solutions for symmetrical, asymmetrical and roadway light distribution.

TIGUA benefits from a wide range of accessories that enable to easily install it in any environment: pole-top bracket, wall-mounted projecting bracket, U-plate.

A front grille is also available to protect the entire unit.

TIGUA is the highest performing floodlight fixture on the market and the return on investment is guaranteed and maintained, thanks to the long life of the unit.

Datasheet

The photometric curves (LDT file) are available on www.palazzolilux.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 44300 die-cast aluminium (aeronautical grade alloy)
Surface treatment	Passivation with fluoro-zirconium treatment
Diffuser material	Extra clear tempered glass
Protection rating (IP as per IEC/EN 60529)	IP66
Paint	Hot-polymerized non-toxic polyester
Colour	RAL 7011
Impact resistance (IK rating as per IEC/EN 62262)	IK08
Corrosion class according to ISO 9223	C4
Weight	6.5 kg
Device tilting angle	-135° - +135°
LED device efficiency	up to 122 lm/W
Colour temperature	4000K (other temperatures on request)
CRI	≥ 80
Insulation class	II
Supply voltage	200-240 V 50-60 Hz
Input surge protection according to EN 61000-4-5	8 kV common mode 6 kV differential mode
Residual flicker	< 1%
Photobiological risk	Exempt
Power factor	≥0.95
Max. conductor cross-section	1.5 mm²
Entry cable diameter	7-13 mm
Estimated device lifetime	L80 B20 @ 100,000h 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)

100000h
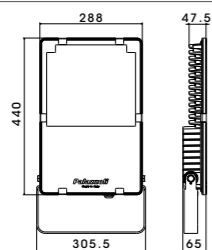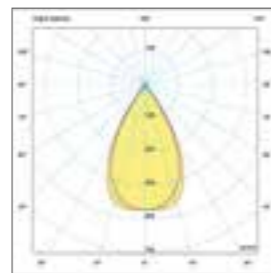
Professional LED floodlights
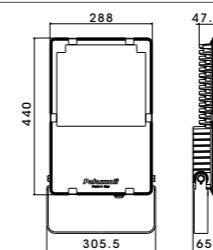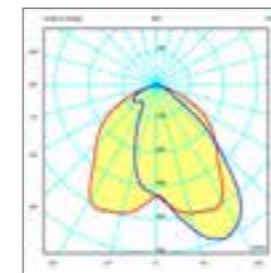**symmetrical 81°**
extra wide beam optics
IP66

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
8	67	9250	8064		**817008**	1
12	99	13875	11944		**817012**	1
16	132	18500	15926	on-off as standard	**817016**	1
20	153	23125	18032		**817020**	1
24	182	27750	22100		**817024**	1

Equipment included: wall-mounting bracket. Power supply with 2P quick connector.
Notes: the stated values may be subject to a +/- 7% tolerance.

100000h

Professional LED floodlights
symmetrical 36°
narrow 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
8	67	9250	7515		**817058**	1
12	99	13875	11123		**817062**	1
16	132	18500	14831	on-off as standard	**817066**	1
20	145	23125	16924		**817070**	1
24	170	27750	20034		**817074**	1

Equipment included: wall-mounting bracket. Power supply with 2P quick connector.
Notes: the stated values may be subject to a +/- 7% tolerance.
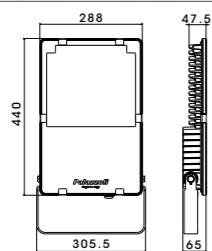

100000h

Professional LED floodlights
asymmetrical 23°
extra wide 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
8	67	9250	7966		**817108**	1
12	99	13875	11798		**817112**	1
16	132	18500	15731	on-off as standard	**817116**	1
20	145	23125	17631		**817120**	1
24	170	27750	21058		**817124**	1

Equipment included: wall-mounting bracket. Power supply with 2P quick connector.
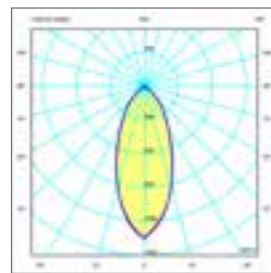**Notes:** the stated values may be subject to a +/- 7% tolerance.

100000h
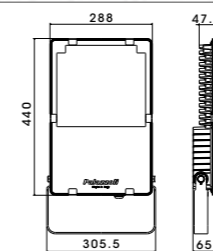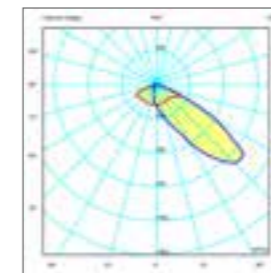
Professional LED floodlights
asymmetrical 43°
narrow beam optics
IP66

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
8	67	9250	8051		**817158**	1
12	99	13875	11925		**817162**	1
16	132	18500	15900	on-off as standard	**817166**	1
20	145	23125	17823		**817170**	1
24	170	27750	20899		**817174**	1

Equipment included: wall-mounting bracket. Power supply with 2P quick connector.
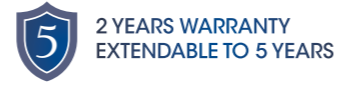**Notes:** the stated values may be subject to a +/- 7% tolerance.

-30°C +55°C | ON/OFF | CORROSION RESISTANT | FLICKER FREE | 5 — 2 YEARS WARRANTY EXTENDABLE TO 5 YEARS | ENERGY SAVING UP TO 60%

100000h
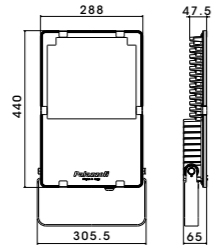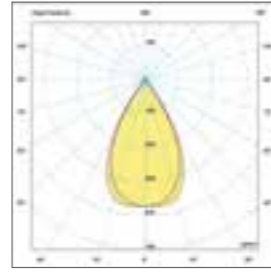
Professional LED floodlights
HT +55 °C
symmetrical 81°
extra wide beam optics
IP66

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
8	67	9250	6954		**817008HT**	1
12	74	11575	8593		**817012HT**	1
16	94	15434	10990	on-off as standard	**817016HT**	1
20	112	18135	13292		**817020HT**	1
24	133	21761	15746		**817024HT**	1

Equipment included: wall-mounting bracket. Power supply with 2P quick connector.
Notes: the stated values may be subject to a +/- 7% tolerance.

100000h

Professional LED floodlights
HT +55 °C
asymmetrical 23°
extra wide 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
8	67	9250	6870		**817108HT**	1
12	74	11575	8488		**817112HT**	1
16	94	15434	10865	on-off as standard	**817116HT**	1
20	112	18135	13128		**817120HT**	1
24	133	21761	15549		**817124HT**	1

Equipment included: wall-mounting bracket. Power supply with 2P quick connector.
Notes: the stated values may be subject to a +/- 7% tolerance.

-30°C +55°C | ON/OFF | CORROSION RESISTANT | FLICKER FREE | 5 — 2 YEARS WARRANTY EXTENDABLE TO 5 YEARS | ENERGY SAVING UP TO 60%

100000h

Professional LED floodlights
HT +55 °C
roadway 65° wide 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
8	67	9250	6662		**817208HT**	1
12	74	11575	8228		**817212HT**	1
16	94	15434	10532	on-off as standard	**817216HT**	1
20	112	18135	12721		**817220HT**	1
24	133	21761	15060		**817224HT**	1

Equipment included: wall-mounting bracket. Power supply with 2P quick connector.
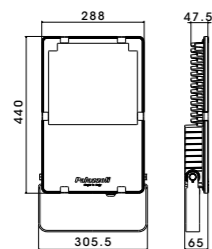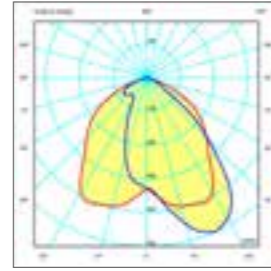**Notes:** the stated values may be subject to a +/- 7% tolerance.

Roadway Floodlights

🌡 -30°C +40 °C   ⏻ ON/OFF   CORROSION RESISTANT   FLICKER FREE   5 2 YEARS WARRANTY EXTENDABLE TO 5 YEARS   🌿 ENERGY SAVING UP TO 60%

100000h

Professional LED floodlights
roadway 65° wide beam optics
IP66

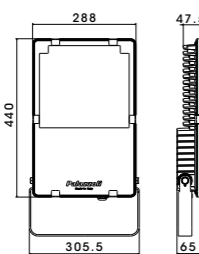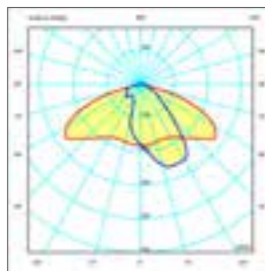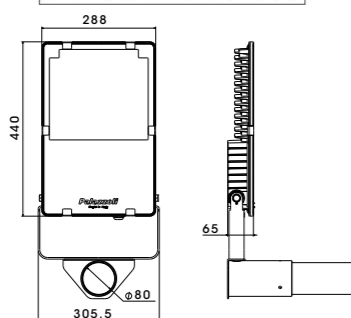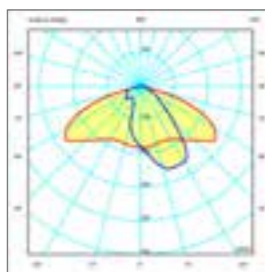| No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
8	67	9250	7584		817208	1
12	99	13875	11227		817212	1
16	132	18500	14970	on-off as standard	817216	1
20	145	23125	17084		817220	1
24	170	27750	20226		817224	1

288   47.5
440
305.5   65

Equipment included: wall-mounting bracket. Power supply with quick connector.
Notes: the stated values may be subject to a +/- 7% tolerance.

100000h

Professional LED floodlights
roadway 65° wide beam optics
with **pole-top mounting**
IP66

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
8	67	9250	7584		817258	1
12	99	13875	11227		817262	1
16	132	18500	14970	on-off as standard	817266	1
20	145	23125	17084		817270	1
24	170	27750	20226		817274	1

288
440
65
305.5   ⌀80

Equipment included: 42-60 mm pole mounting bracket. Power supply with 2P quick connector.
Features: adjustment for pole-top application from 0° to +15°.
Adjustment for wall mounting with projecting arm from 0° to -20 °.
Notes: the stated values may be subject to a +/- 7% tolerance.

Accessories

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

Manufacturing material	Palazzoli code	Pack Qty
painted galvanized steel	811908	1

Protection grid
for TIGUA floodlights

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	811911	1

Projecting arm mounting bracket,
750 mm projection

Manufacturing material	Palazzoli code	Pack Qty
painted galvanized steel	811914	1

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	811912	1

TIGUA Low Bay

Datasheet

TIGUA, Palazzoli's new low bay light fixture, is the best solution for lighting commercial and industrial areas, and was designed to last as long as the building it illuminates. The TIGUA consists of a die-cast aluminium body with very low copper content (aeronautical grade alloy), anti-corrosion treatment, and a 4mm thick diffuser in extra-clear tempered glass, that ensure maximum resistance of the device, even in harsh environments.

The rear cooling fins and the electronic components used increase the service life of the unit. The estimated life of the device is over 120,000 hours (over 30 years)..

If used in the food industry, the entire range can be fitted with a polycarbonate diffuser, in compliance with HACCP regulations. All the TIGUA low bay versions can be equipped with 1 hour or 3 hour emergency module.

The optical unit consists of LEDs with a colour temperature of 4000K and CRI ≥ 80, a choice of optical solutions for wide beam, medium beam, narrow beam and elliptical beam, and a very low glare index (UGR ≤ 22).
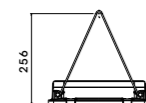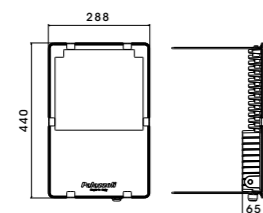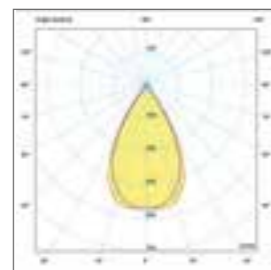
TIGUA is available with accessories that allow pendant, adjustable pendant, ceiling or horizontal pole mounting, so that the light fixture can easily fit in various environments.

TIGUA is the highest performing floodlight fixture on the market and the return on investment is guaranteed and maintained, thanks to the long life of the unit.

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 44300 die-cast aluminium (aeronautical grade alloy)
Surface treatment	Passivation with fluoro-zirconium treatment
Diffuser material	Extra clear tempered glass or polycarbonate
Protection rating (IP as per IEC/EN 60529)	IP66
Paint	Hot-galvanized non-toxic polyester
Colour	RAL 7011
Impact resistance (IK rating as per IEC/EN 62262)	IK08
Corrosion class	C4 according to ISO 9223
Weight	6.5 kg
LED device efficiency	up to 122 lm/W
Colour temperature	4000K (other temperatures on request)
CRI	≥ 80
Insulation class	I
Supply voltage	200-240 V 50-60 Hz
Input surge protection according to EN 61000-4-5	8 kV 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 mm²
Entry cable diameter	7-13 mm
Emergency battery lifetime	1-3 h
Emergency battery charging time	24 h
Estimated device lifetime	L80 B20 @ 120,000h 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)

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

-30°C +40 °C | 1-10V DIMMABLE | CORROSION RESISTANT | FLICKER FREE | 2 YEARS WARRANTY EXTENDABLE TO 5 YEARS | ENERGY SAVING UP TO 60%

120000h | UGR≤22

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3958	standard dimmable 1-10 V	817304	1
8	67	9250	8064		817308	1
12	99	13875	11944		817312	1
16	132	18500	15926		817316	1
20	153	23125	18032		817320	1
24	182	27750	22100		817324	1
4	33	4625	3958	Emergency*	817305	1
8	67	9250	8064		817309	1
12	99	13875	11944		817313	1
16	132	18500	15926		817317	1
20	153	23125	18032		817321	1
24	182	27750	22100		817325	1

288 440 65 256

Suspension LED light fixtures
glass diffuser
81° extra wide beam optics
IP66

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector. (2 connectors for the versions in emergency).
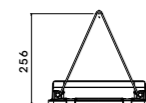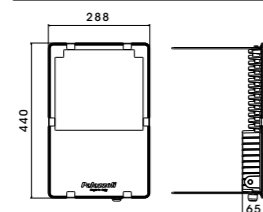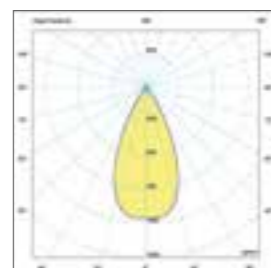**Features:** typical installation height between 4 and 7 m.
*The emergency version is to be completed with the kit on page 28.
Notes: the stated values may be subject to a +/- 7% tolerance.
Wireless control systems available on request.

120000h | UGR≤22

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3789	1-10 V dimmable as standard	817354	1
8	67	9250	7577		817358	1
12	99	13875	11218		817362	1
16	132	18500	14957		817366	1
20	145	23125	17069		817370	1
24	170	27750	20208		817374	1
4	33	4625	3789	Emergency*	817355	1
8	67	9250	7577		817359	1
12	99	13875	11218		817363	1
16	132	18500	14957		817367	1
20	145	23125	17069		817371	1
24	170	27750	20208		817375	1

288 440 65 256

Suspension LED light fixtures
glass diffuser
55° medium beam optics
IP66

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector. (2 connectors for the versions in emergency).
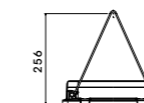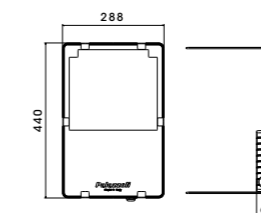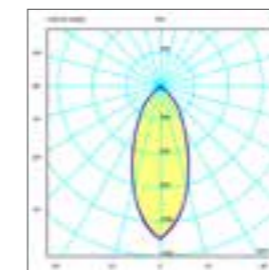**Features:** typical installation height between 5 and 8 m.
*The emergency version is to be completed with the kit on page 28.
Notes: the stated values may be subject to a +/- 7% tolerance.
Wireless control systems available on request.

-30°C +40 °C | 1-10V DIMMABLE | CORROSION RESISTANT | FLICKER FREE | 2 YEARS WARRANTY EXTENDABLE TO 5 YEARS | ENERGY SAVING UP TO 60%

120000h | UGR≤22

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3757	1-10 V dimmable as standard	817404	1
8	67	9250	7515		817408	1
12	99	13875	11123		817412	1
16	132	18500	14831		817416	1
20	145	23125	16924		817420	1
24	170	27750	20034		817424	1
4	33	4625	3757	Emergency*	817405	1
8	67	9250	7515		817409	1
12	99	13875	11123		817413	1
16	132	18500	14831		817417	1
20	145	23125	16924		817421	1
24	170	27750	20034		817425	1

288 440 65 256

Low bay LED light fixtures
glass diffuser
36° narrow beam optics
IP66

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector. (2 connectors for the versions in emergency).
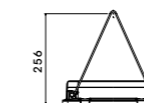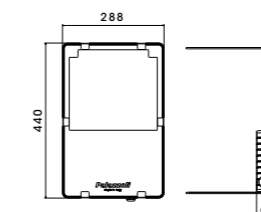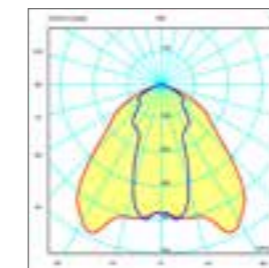**Features:** typical installation height over 6 m.
*The emergency version is to be completed with the kit on page 28.
Notes: the stated values may be subject to a +/- 7% tolerance.
Wireless control systems available on request.

120000h | UGR≤22

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3864	1-10 V dimmable as standard	817454	1
8	67	9250	7728		817458	1
12	99	13875	11444		817462	1
16	132	18500	15258		817466	1
20	153	23125	17418		817470	1
24	182	27750	20627		817474	1
4	33	4625	3864	Emergency*	817455	1
8	67	9250	7728		817459	1
12	99	13875	11444		817463	1
16	132	18500	15258		817467	1
20	153	23125	17418		817471	1
24	182	27750	20627		817475	1

288 440 65 256

Suspension LED light fixtures
glass diffuser
95°x41° elliptical beam optics
IP66

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector. (2 connectors for the versions in emergency).
Features: suitable for installation between the aisles of industrial 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.
Wireless control systems available on request.

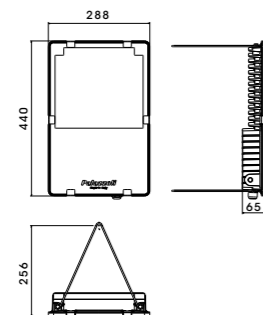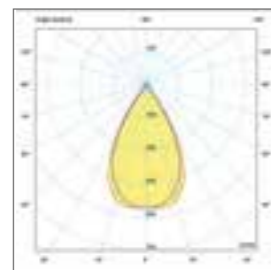| | -30°C +40 °C | 1-10V DIMMABLE | CORROSION RESISTANT | FLICKER FREE | 2 YEARS WARRANTY EXTENDABLE TO 5 YEARS | ENERGY SAVING UP TO 60% |

120000h | **UGR≤22**

Suspension LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
81° extra wide 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
4	33	4625	3958		817504	1
8	67	9250	8064		817508	1
12	99	13875	11944	1-10 V dimmable as standard	817512	1
16	132	18500	15926		817516	1
20	153	23125	18032		817520	1
24	182	27750	22100		817524	1
4	33	4625	3958		817505	1
8	67	9250	8064		817509	1
12	99	13875	11944	Emergency*	817513	1
16	132	18500	15926		817517	1
20	153	23125	18032		817521	1
24	182	27750	22100		817525	1

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
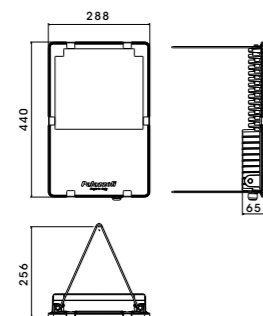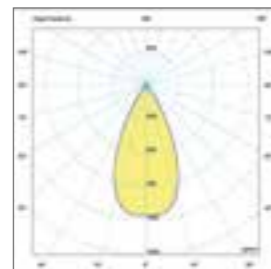(2 connectors for the versions in emergency).
Features: typical installation height between 4 and 7 m.
*The emergency version is to be completed with the kit on page 28.
Notes: the stated values may be subject to a +/- 7% tolerance.
Wireless control systems available on request.

120000h | **UGR≤22**

Suspension LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
55° medium 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
4	33	4625	3789		817554	1
8	67	9250	7577		817558	1
12	99	13875	11218	1-10 V dimmable as standard	817562	1
16	132	18500	14957		817566	1
20	145	23125	17069		817570	1
24	170	27750	20208		817574	1
4	33	4625	3789		817555	1
8	67	9250	7577		817559	1
12	99	13875	11218	Emergency*	817563	1
16	132	18500	14957		817567	1
20	145	23125	17069		817571	1
24	170	27750	20208		817575	1

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
(2 connectors for the versions in emergency).
Features: typical installation height between 5 and 8 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.
Wireless control systems available on request.

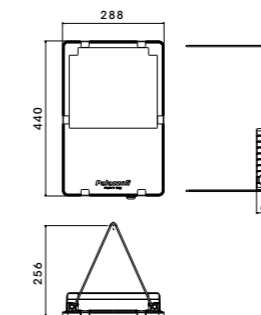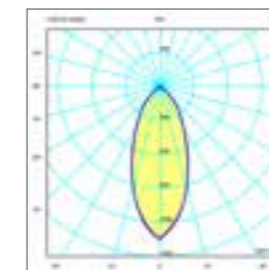| | -30°C +40 °C | 1-10V DIMMABLE | CORROSION RESISTANT | FLICKER FREE | 2 YEARS WARRANTY EXTENDABLE TO 5 YEARS | ENERGY SAVING UP TO 60% |

120000h | **UGR≤22**

Suspension LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
36° narrow 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
4	33	4625	3757		817604	1
8	67	9250	7515		817608	1
12	99	13875	11123	1-10 V dimmable as standard	817612	1
16	132	18500	14831		817616	1
20	145	23125	16924		817620	1
24	170	27750	20034		817624	1
4	33	4625	3757		817605	1
8	67	9250	7515		817609	1
12	99	13875	11123	Emergency*	817613	1
16	132	18500	14831		817617	1
20	145	23125	16924		817621	1
24	170	27750	20034		817625	1

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
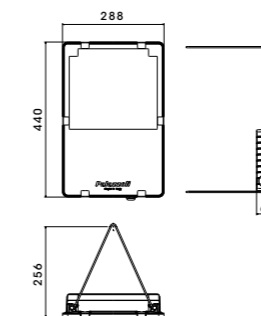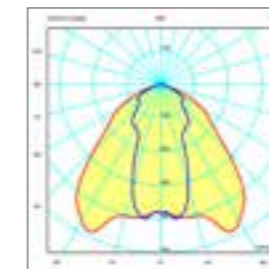(2 connectors for the versions in emergency).
Features: typical installation height over 6 m.
*The emergency version is to be completed with the kit on page 28.
Notes: the stated values may be subject to a +/- 7% tolerance.
Wireless control systems available on request.

120000h | **UGR≤22**

Suspension LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
95°x41° 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
4	33	4625	3864		817654	1
8	67	9250	7728		817658	1
12	99	13875	11444	1-10 V dimmable as standard	817662	1
16	132	18500	15258		817666	1
20	153	23125	17418		817670	1
24	182	27750	20627		817674	1
4	33	4625	3864		817655	1
8	67	9250	7728		817659	1
12	99	13875	11444	Emergency*	817663	1
16	132	18500	15258		817667	1
20	153	23125	17418		817671	1
24	182	27750	20627		817675	1

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
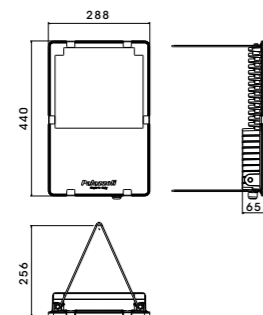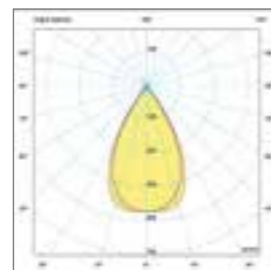(2 connectors for the versions in emergency).
Features: suitable for installation between the aisles of food warehouses.
*The emergency version is to be completed with the kit on page 28.
Notes: the stated values may be subject to a +/- 7% tolerance.
Wireless control systems available on request.

DALI industrial

120000h | **UGR≤22**

DALI pendant LED light fixtures
glass diffuser
81° extra wide 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
4	33	4625	3958		817304DA	1
8	67	9250	8064		817308DA	1
12	99	13875	11944	dimmable DALI	817312DA	1
16	132	18500	15926		817316DA	1
20	153	23125	18032		817320DA	1
24	182	27750	22100		817324DA	1

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
Features: typical installation height between 4 and 7 m.
Notes: the stated values may be subject to a +/- 7% tolerance.
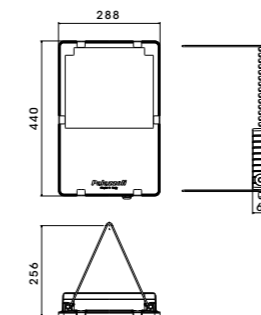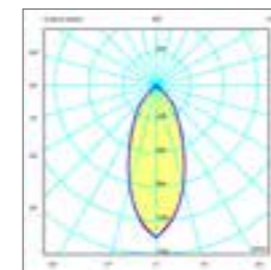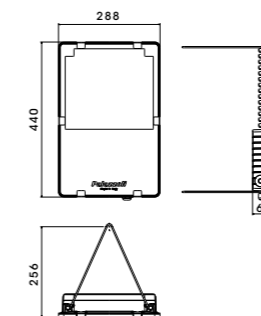Wireless control systems available on request.

120000h | **UGR≤22**
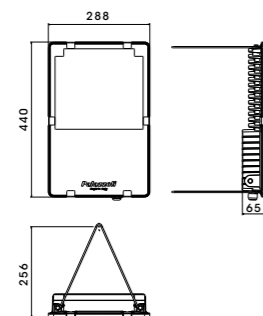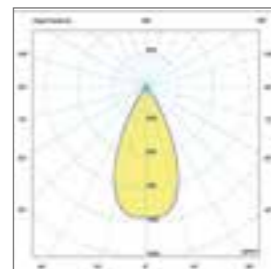
DALI low bay LED light fixtures
glass diffuser
55° medium beam optics
IP66

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3789		817354DA	1
8	67	9250	7577		817358DA	1
12	99	13875	11218	dimmable DALI	817362DA	1
16	132	18500	14957		817366DA	1
20	145	23125	17069		817370DA	1
24	170	27750	20208		817374DA	1

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
Features: typical installation height between 5 and 8 m.
Notes: the stated values may be subject to a +/- 7% tolerance.
Wireless control systems available on request.

DALI industrial

120000h | **UGR≤22**

DALI low bay LED light fixtures
glass diffuser
36° narrow 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
4	33	4625	3757		817404DA	1
8	67	9250	7515		817408DA	1
12	99	13875	11123	dimmable DALI	817412DA	1
16	132	18500	14831		817416DA	1
20	145	23125	16924		817420DA	1
24	170	27750	20034		817424DA	1

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
Features: typical installation height over 6 m.
Notes: the stated values may be subject to a +/- 7% tolerance.
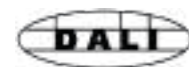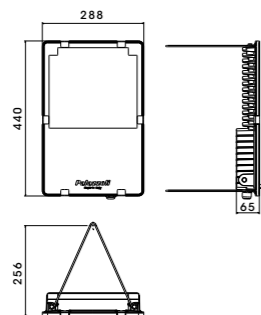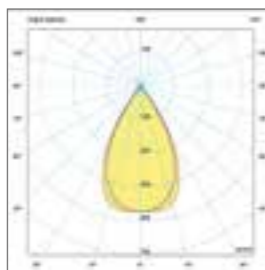Wireless control systems available on request.

120000h | **UGR≤22**
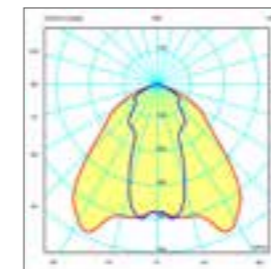
DALI low bay LED light fixtures
glass diffuser
95°x41° elliptical beam optics
IP66

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3864		817454DA	1
8	67	9250	7728		817458DA	1
12	99	13875	11444	dimmable DALI	817462DA	1
16	132	18500	15258		817466DA	1
20	153	23125	17418		817470DA	1
24	182	27750	20627		817474DA	1

Equipment included: double chain bracket and busbar. 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.
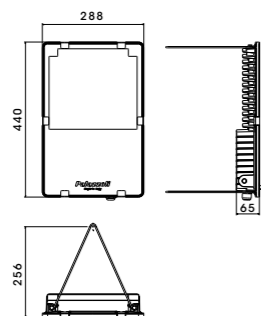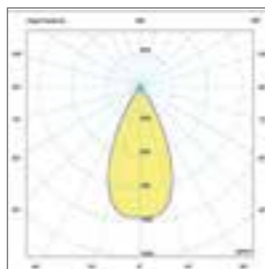Wireless control systems available on request.

DALI
food industry

-30°C +40°C · DALI · CORROSION RESISTANT · FLICKER FREE · 2 YEARS WARRANTY EXTENDABLE TO 5 YEARS · ENERGY SAVING UP TO 60%

120000h | UGR≤22

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3958		**817504DA**	1
8	67	9250	8064		**817508DA**	1
12	99	13875	11944	dimmable DALI	**817512DA**	1
16	132	18500	15926		**817516DA**	1
20	153	23125	18032		**817520DA**	1
24	182	27750	22100		**817524DA**	1

DALI pendant LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
81° extra wide beam optics
IP66

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
Features: typical installation height between 4 and 7 m.
Notes: the stated values may be subject to a +/- 7% tolerance.
Wireless control systems available on request.
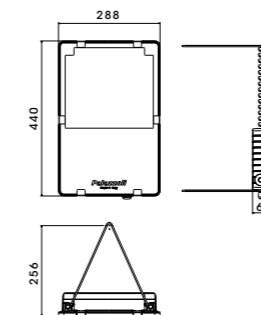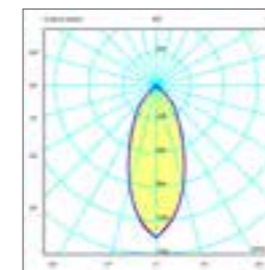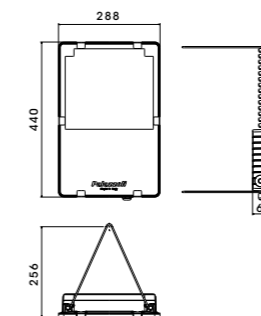

120000h | UGR≤22

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3789		**817554DA**	1
8	67	9250	7577		**817558DA**	1
12	99	13875	11218	dimmable DALI	**817562DA**	1
16	132	18500	14957		**817566DA**	1
20	145	23125	17069		**817570DA**	1
24	170	27750	20208		**817574DA**	1

DALI pendant LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
55° medium beam optics
IP66

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
Features: typical installation height between 5 and 8 m.
Notes: the stated values may be subject to a +/- 7% tolerance.
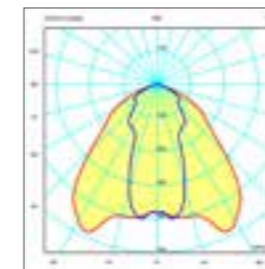Wireless control systems available on request.

DALI
food industry

-30°C +40°C · DALI · CORROSION RESISTANT · FLICKER FREE · 2 YEARS WARRANTY EXTENDABLE TO 5 YEARS · ENERGY SAVING UP TO 60%

120000h | UGR≤22

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3757		**817604DA**	1
8	67	9250	7515		**817608DA**	1
12	99	13875	11123	dimmable DALI	**817612DA**	1
16	132	18500	14831		**817616DA**	1
20	145	23125	16924		**817620DA**	1
24	170	27750	20034		**817624DA**	1

DALI pendant LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
36° narrow beam optics
IP66

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
Features: typical installation height over 6 m.
Notes: the stated values may be subject to a +/- 7% tolerance.
Wireless control systems available on request.

120000h | UGR≤22

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3864		**817654DA**	1
8	67	9250	7728		**817658DA**	1
12	99	13875	11444	dimmable DALI	**817662DA**	1
16	132	18500	15258		**817666DA**	1
20	153	23125	17418		**817670DA**	1
24	182	27750	20627		**817674DA**	1

DALI pendant LED light fixtures
HACCP-compliant
for food industry
polycarbonate diffuser
95°x41° elliptical beam optics
IP66

Equipment included: double chain bracket and busbar. 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.
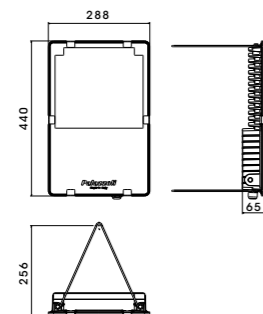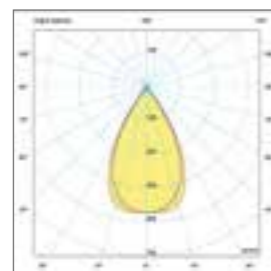Wireless control systems available on request.

-30°C +55°C | 1-10V DIMMABLE | CORROSION RESISTANT | FLICKER FREE | 2 YEARS WARRANTY EXTENDABLE TO 5 YEARS | ENERGY SAVING UP TO 60%

120000h | **UGR≤22**

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3477		817304HT	1
8	67	9250	6954		817308HT	1
12	74	11575	8593	1-10 V dimmable as standard	817312HT	1
16	94	15434	10990		817316HT	1
20	112	18135	13292		817320HT	1
24	133	21761	15746		817324HT	1

HT +55°C
pendant LED light fixtures
glass diffuser
81° extra wide beam optics
IP66

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
Features: typical installation height between 4 and 7 m.
Notes: the stated values may be subject to a +/- 7% tolerance.
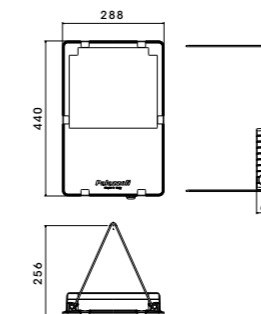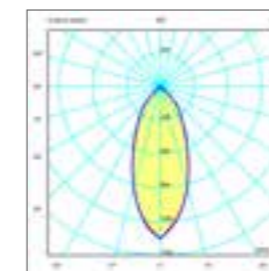Other DALI or wireless control systems are available on request.

120000h | **UGR≤22**
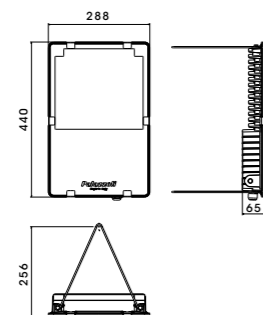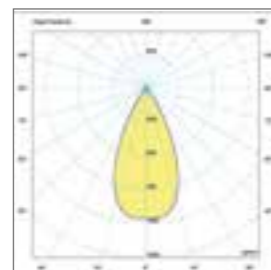
No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3328		817354HT	1
8	67	9250	6657		817358HT	1
12	74	11575	8221	1-10 V dimmable as standard	817362HT	1
16	94	15434	10523		817366HT	1
20	112	18135	12710		817370HT	1
24	133	21761	15047		817374HT	1

HT +55°C
pendant LED light fixtures
glass diffuser
55° medium beam optics
IP66

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
Features: typical installation height between 5 and 8 m.
Notes: the stated values may be subject to a +/- 7% tolerance.
Other DALI or wireless control systems are available on request.

-30°C +55°C | 1-10V DIMMABLE | CORROSION RESISTANT | FLICKER FREE | 2 YEARS WARRANTY EXTENDABLE TO 5 YEARS | ENERGY SAVING UP TO 60%

120000h | **UGR≤22**

No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3301		817404HT	1
8	67	9250	6602		817408HT	1
12	74	11575	8152	1-10 V dimmable as standard	817412HT	1
16	94	15434	10500		817416HT	1
20	112	18135	12601		817420HT	1
24	133	21761	14917		817424HT	1

HT +55°C
pendant LED light fixtures
glass diffuser
36° narrow beam optics
IP66

Equipment included: double chain bracket and busbar. Power supply with 5P quick connector.
Features: typical installation height over 6 m.
Notes: the stated values may be subject to a +/- 7% tolerance.
Other DALI or wireless control systems are available on request.

120000h | **UGR≤22**
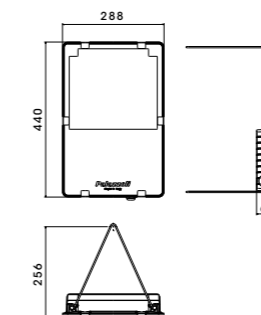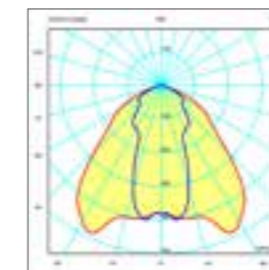
No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3395		817454HT	1
8	67	9250	6789		817458HT	1
12	74	11575	8387	1-10 V dimmable as standard	817462HT	1
16	94	15434	10735		817466HT	1
20	112	18135	12969		817470HT	1
24	133	21761	15559		817474HT	1

HT +55°C
pendant LED light fixtures
glass diffuser
95°x41° elliptical beam optics
IP66

Equipment included: double chain bracket and busbar. 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.
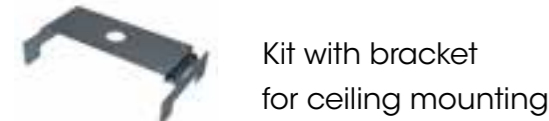
Accessories
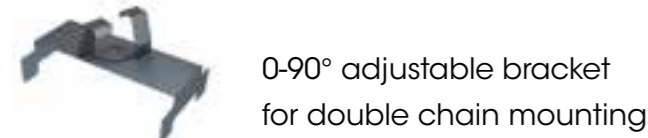
0-90° adjustable bracket
for double chain mounting

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	**811919**	1

Set of brackets
for Ø 60mm horizontal pole mounting

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	**811920**	1

Kit with bracket
for ceiling mounting

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	**811916**	1

0-90° adjustable bracket
for catenary wire mounting

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	**811921**	1
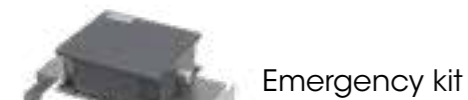
Emergency kit

Manufacturing material	Emergency duration	Palazzoli code	Pack Qty
aluminium alloy box and galvanized steel bracket	1h	**811923**	1
	3h	**811924**	1

Equipment included: the emergency kit comes complete with junction box, battery, inverter and interface bracket.
Features: 1 M20 entry;
1 output with connector.
Notes: the interface bracket is suitable for a double fixed chain connection. In the case of horizontal pole mounting, adjustable mounting and ceiling mounting, the emergency kit must be mounted close to the unit (max. 1.5 m).
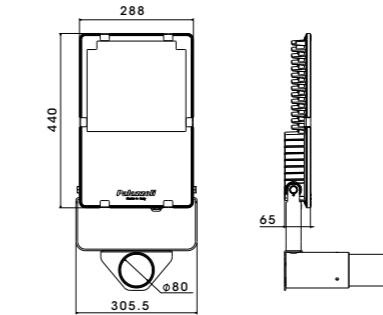
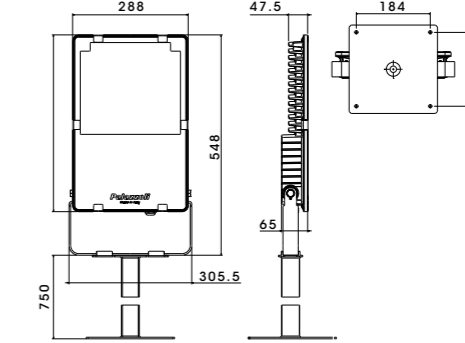| Nominal flux (lm) Tj= 25 °C	Emergency output flux (lm) 1-3 h
4625	
9250	
13875	
18500	995
23125	
27750	

Dimensions
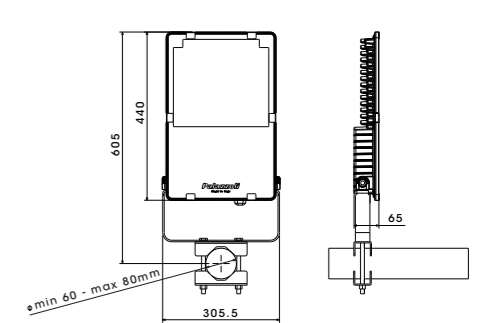
Wall mounting with bracket
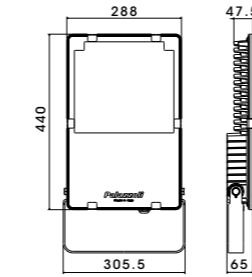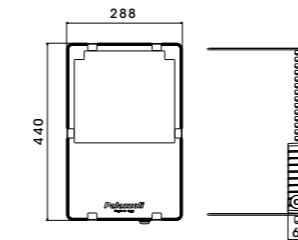

Pole-top mounting
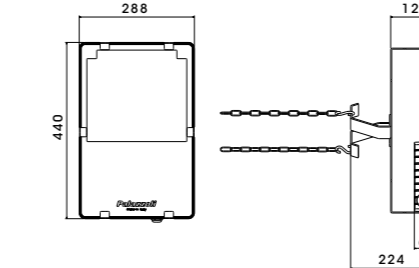

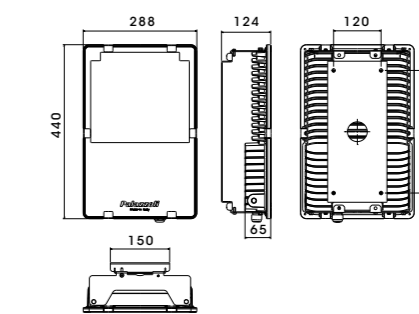**Wall mounting with projecting bracket**

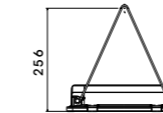**Pole mounting with collar**

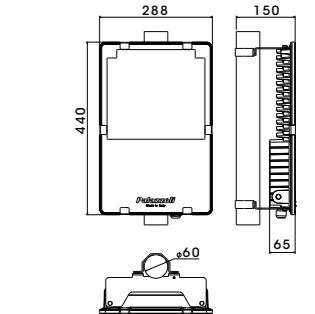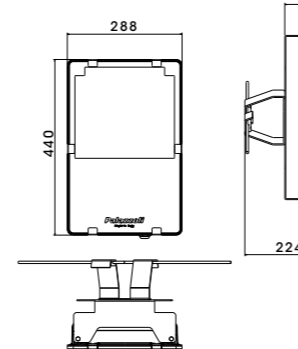**Double chain suspension**

Adjustable double chain suspension
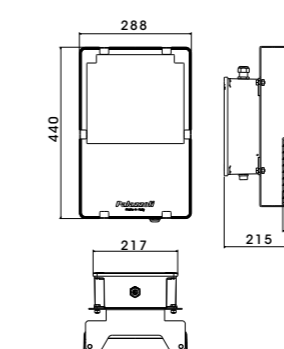

Ceiling mounting

Horizontal pole mounting

**Catenary wire suspension**

Emergency

Complete offer

The TIGUA range is also complemented with specific solutions
for roadway, tunnel, metro and railway applications.

These versions are easy to install,
thanks to the special mounting accessories.

LED solutions for any application

	RINO	META	TIGUA Floodlight	TIGUA Low bay	TIGUA Roadway	TIGUA Tunnel
	AISI 304 stainless stell or painted galvanized steel IP66 L80 B20 @ 50,000h CRI ≥ 80	EN 46100 aluminium IP66/P67 L80 B20 @ 110.000h CRI ≥ 80	EN 44300 aluminium IP66 L80 B20 @ 100.000h CRI ≥ 80	EN 44300 aluminium IP66 L80 B20 @ 120.000h CRI ≥ 80	EN 44300 aluminium IP66 L90 B20 @ 100,000h CRI ≥ 80	EN 44300 aluminium IP66 L90 B10 @ 110,000h CRI ≥ 70
	2 kV surge protection	6-10 kV surge protection	6-8 kV surge protection	6-8 kV surge protection	6-8 kV surge protection	8-10 kV surge protection
	4100 - 12200 lm	13230 - 26460 lm	9250 - 27750 lm	4625 - 21761 lm	9250 - 27750 lm	5220 - 58725 lm
Industry	✔	✔		✔		
Atex	✔	✔				
Floodlights			✔	✔		
Roadway					✔	
Tunnel	✔					✔
Marine	✔					

Certified quality
Palazzoli is certified to ISO 9001. All light fixtures are made in Italy and certified,
according to the application, by ENEC, CESI, RINA, ATEX, IECEx and QL
(Photobiological safety and flicker free), impact resistance for sports facilities.

CESI   RINA   ATEX   IECEx   QL
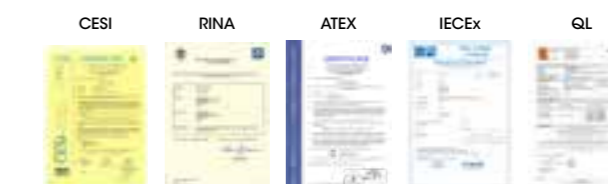
TIGUA

by *Palazzoli*

Lighting to save

palazzolilux.com | *palazzoli.com*

Palazzoli