

TIGUA  
by Palazzoli

*Lighting to save*



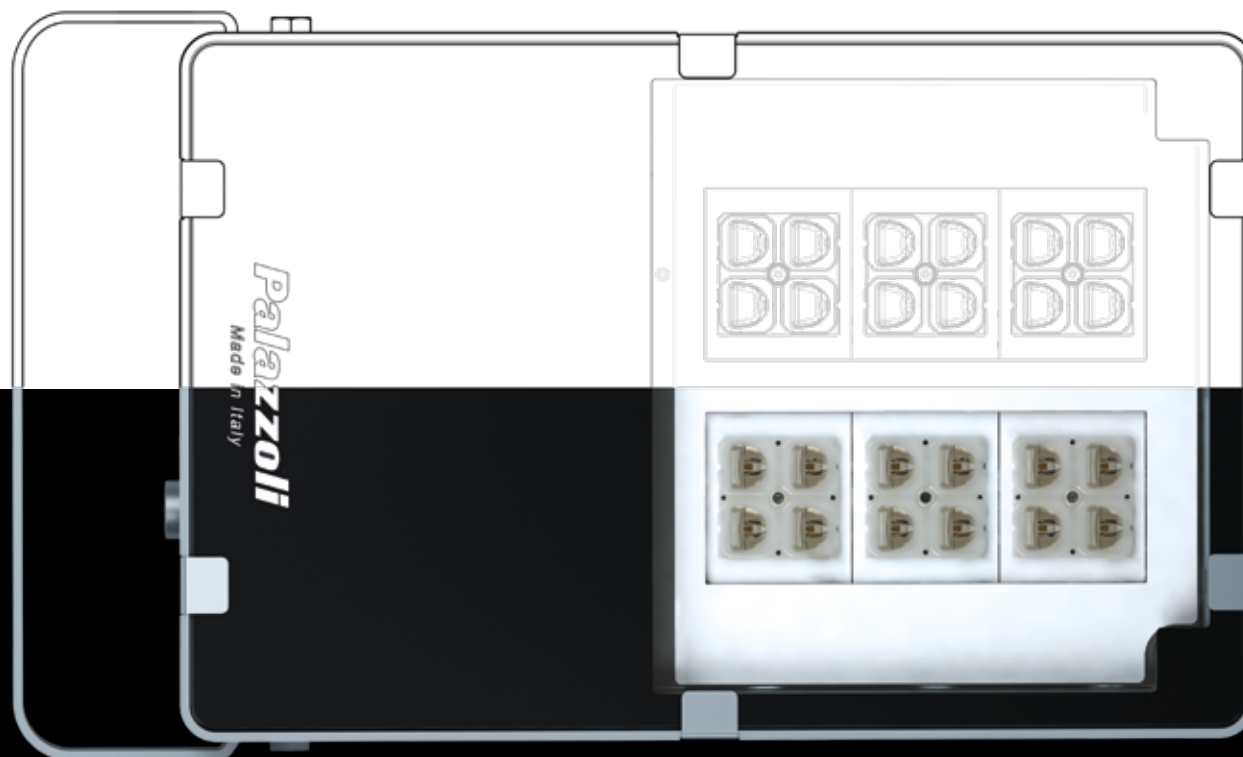
Palazzoli  
MADE IN ITALY

excellence  
FROM ITALY

**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.



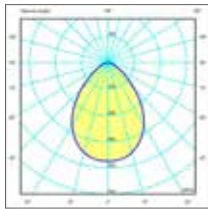
## High performance

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

- technological performance
- energy saving
- ease of installation

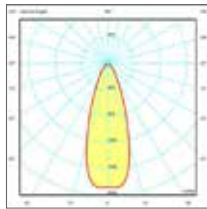
# Floodlights

Symmetrical  
81° extra wide beam



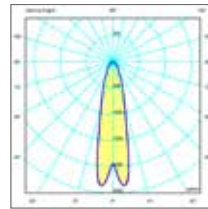
PAGE 8 Glass diffuser  
PAGE 12 HT + 55°C  
with glass diffuser

Symmetrical  
36° narrow beam



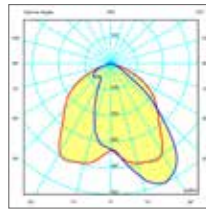
PAGE 8 Glass diffuser

Symmetrical  
18° narrow beam



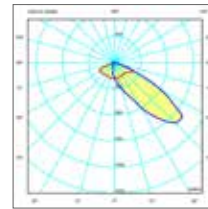
PAGE 9 Glass diffuser

Asymmetrical  
23° extra wide beam



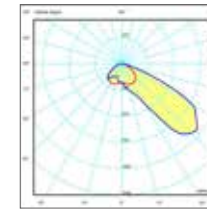
PAGE 10 Glass diffuser  
PAGE 12 HT + 55°C  
with glass diffuser

Asymmetrical  
43° narrow beam



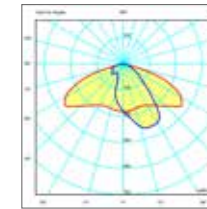
PAGE 10 Glass diffuser

Asymmetrical  
55° narrow beam



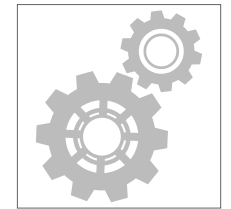
PAGE 11 Glass diffuser

Roadway  
65° wide beam



PAGE 14 Glass diffuser  
PAGE 14 Glass diffuser  
with pole-top bracket  
PAGE 13 HT + 55°C with glass diffuser

Accessories

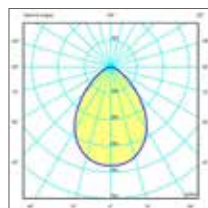


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# Suspension

Symmetrical  
81° extra wide beam

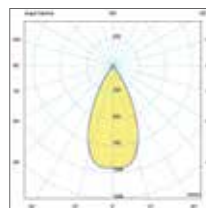
Installation between 4m and 7m



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

Symmetrical  
55° medium beam

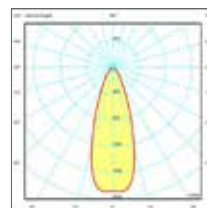
Installation between 5m and 8m



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

Symmetrical  
36° narrow beam

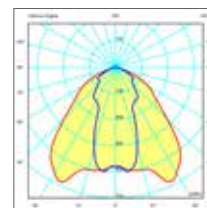
Installation over 6m



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

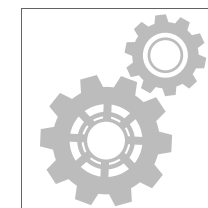
Symmetrical  
95°x41° elliptical beam

Installation between narrow aisles



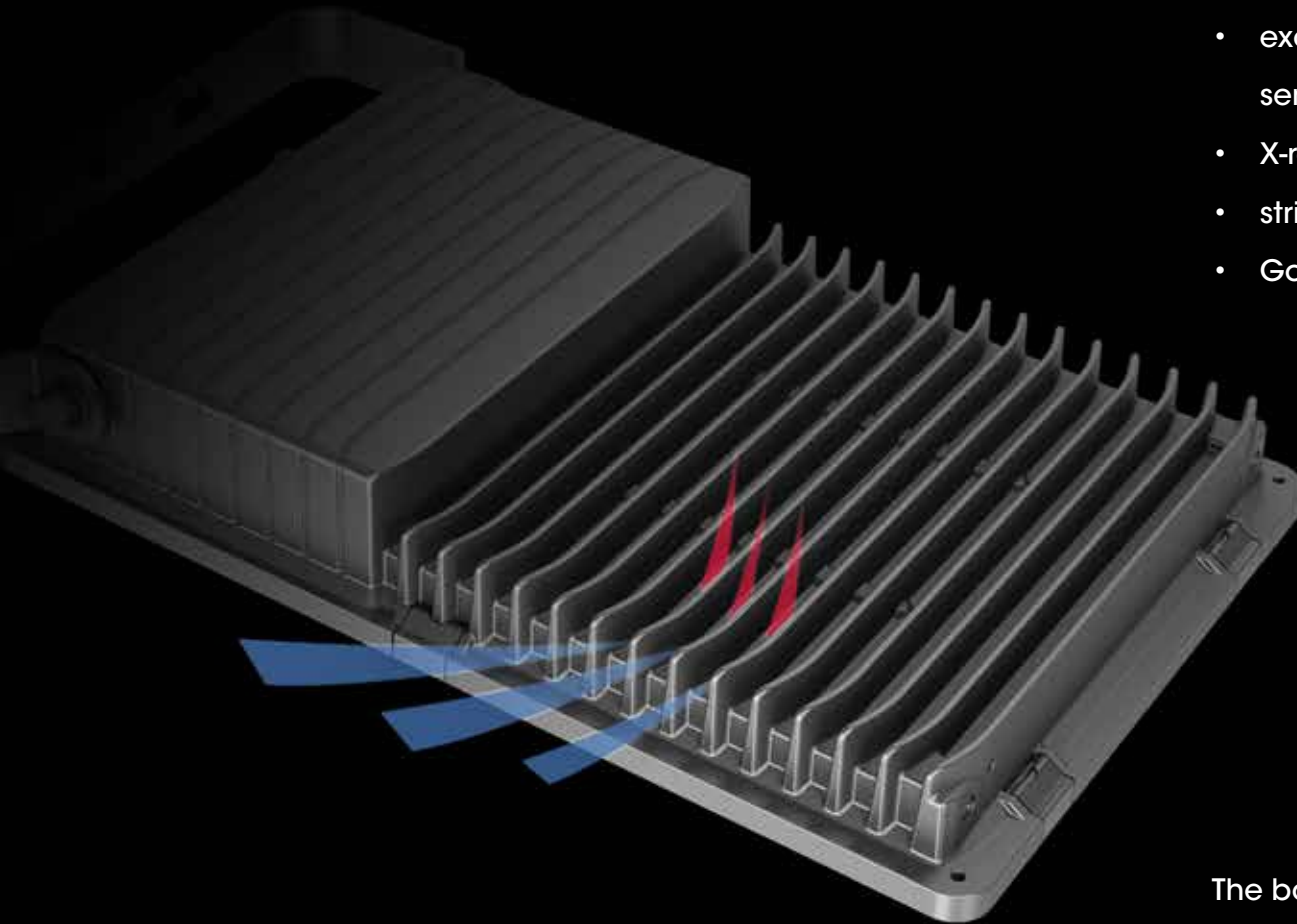
PAGE 19 Glass diffuser  
PAGE 21 Polycarbonate diffuser  
PAGE 23 DALI with glass diffuser  
PAGE 25 DALI with polycarbonate diffuser  
PAGE 27 HT + 55°C with glass diffuser

Accessories



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# 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
- Gore-Tex® anti-condensation breathing valve.

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

The used LEDs 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.

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

The low glare index ( $UGR \leq 22$ ) 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.



## 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



# Datasheet



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. 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  $\geq 80$  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.

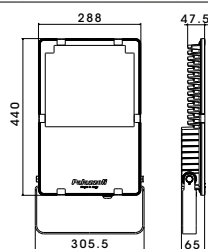
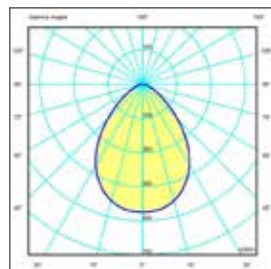
The photometric curves (LDT file) are available on [www.palazzoli.com](http://www.palazzoli.com)

Conformity to standards	Directive 2014/35/EU EN 60598-1 EN 60598-2-1 EN 60598-2-5 EN 60598-2-22 EN 62471 EN 62493 IEC/TR 62778 Directive 2014/30/EU EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3 Directive 2011/65/EU EN 50581 DIN 18032-3 EN 13964 Annex D EN 60598-2-24
Body material	EN 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	$\geq 80$
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	$\geq 0.95$
Max. conductor cross-section	1.5 mm <sup>2</sup>
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)

# Floodlights



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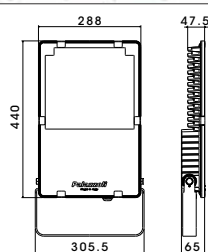
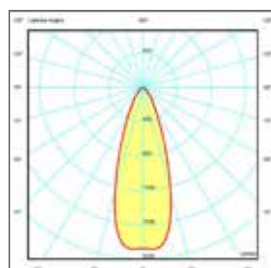


Professional LED floodlights  
**symmetrical 81°**  
**extra wide** beam optics  
**IP66**

No. of LEDs	Device power (W)	Nominal flux (lm) T <sub>j</sub> = 25 °C	Output flux (lm) T <sub>q</sub> = 25 °C	Version	Palazzoli code	Pack Qty
8	67	9250	8064	on-off as standard	<b>817008</b>	1
12	99	13875	11944		<b>817012</b>	1
16	132	18500	15926		<b>817016</b>	1
20	153	23125	18032		<b>817020</b>	1
24	182	27750	22100		<b>817024</b>	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) T <sub>j</sub> = 25 °C	Output flux (lm) T <sub>q</sub> = 25 °C	Version	Palazzoli code	Pack Qty
8	67	9250	7515	on-off as standard	<b>817058</b>	1
12	99	13875	11123		<b>817062</b>	1
16	132	18500	14831		<b>817066</b>	1
20	145	23125	16924		<b>817070</b>	1
<b>24</b>	<b>170</b>	<b>27750</b>	<b>20034</b>		<b>817074</b>	1

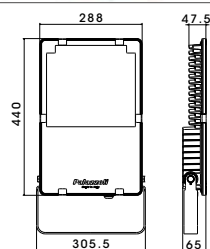
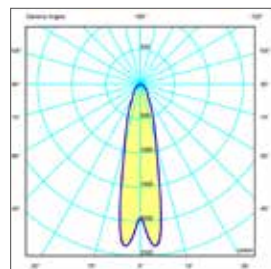
Equipment included: wall-mounting bracket. Power supply with 2P quick connector.  
 Notes: the stated values may be subject to a +/- 7% tolerance.



# Floodlights



100.000h



Professional LED floodlights  
**symmetrical 18°**  
**narrow** beam optics  
**IP66**

No. of LEDs	Device power (W)	Nominal flux (lm) T <sub>j</sub> = 25 °C	Output flux (lm) T <sub>a</sub> = 25 °C	Version	Palazzoli code	Pack Qty
8	67	9250	7571	standard on-off	<b>817758</b>	1
12	99	13875	11187		<b>817762</b>	1
16	132	18500	14916		<b>817766</b>	1
20	145	23125	16385		<b>817770</b>	1
<b>24</b>	<b>170</b>	<b>27750</b>	<b>19210</b>		<b>817774</b>	1

Equipment included: wall-mounting bracket. Power supply with 2P quick connector.

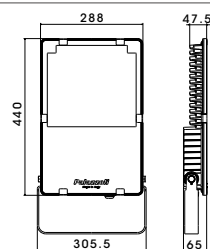
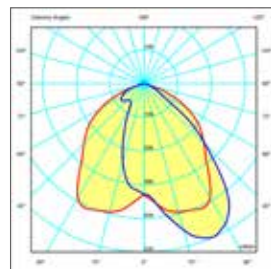
Notes: the stated values may be subject to a +/- 7% tolerance.



# Floodlights



100000h

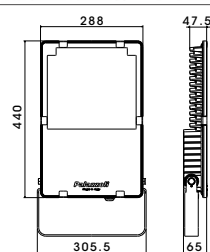
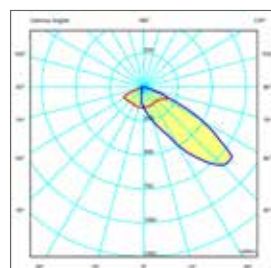


Professional LED floodlights  
**asymmetrical 23°**  
**extra wide** beam optics  
**IP66**

No. of LEDs	Device power (W)	Nominal flux (lm) T <sub>j</sub> = 25 °C	Output flux (lm) T <sub>q</sub> = 25 °C	Version	Palazzoli code	Pack Qty
8	67	9250	7966	on-off as standard	<b>817108</b>	1
12	99	13875	11798		<b>817112</b>	1
16	132	18500	15731		<b>817116</b>	1
20	145	23125	17631		<b>817120</b>	1
24	170	27750	21058		<b>817124</b>	1

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

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Professional LED floodlights  
**asymmetrical 43°**  
**narrow** beam optics  
**IP66**

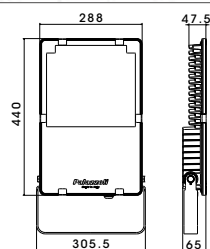
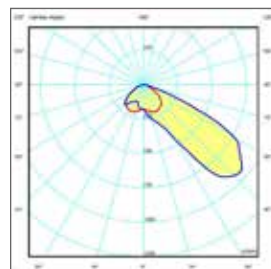
No. of LEDs	Device power (W)	Nominal flux (lm) T <sub>j</sub> = 25 °C	Output flux (lm) T <sub>q</sub> = 25 °C	Version	Palazzoli code	Pack Qty
8	67	9250	8051	on-off as standard	<b>817158</b>	1
12	99	13875	11925		<b>817162</b>	1
16	132	18500	15900		<b>817166</b>	1
20	145	23125	17823		<b>817170</b>	1
24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

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

# Floodlights



100.000h



Professional LED floodlights  
**asymmetrical 55°**  
**narrow beam optics**  
**IP66**

No. of LEDs	Device power (W)	Nominal flux (lm) T <sub>j</sub> = 25 °C	Output flux (lm) T <sub>q</sub> = 25 °C	Version	Palazzoli code	Pack Qty
8	67	9250	7966	standard on-off	<b>817708</b>	1
12	99	13875	11798		<b>817712</b>	1
16	132	18500	15731		<b>817716</b>	1
20	145	23125	17631		<b>817720</b>	1
24	170	27750	21058		<b>817724</b>	1

Equipment included: wall-mounting bracket. Power supply with 2P quick connector.

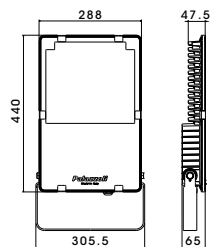
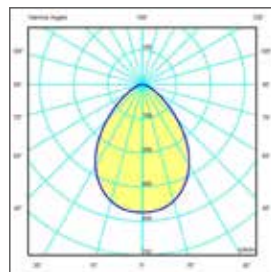
Notes: the stated values may be subject to a +/- 7% tolerance.



# HT +55 °C Floodlights



100000h

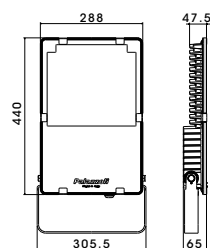
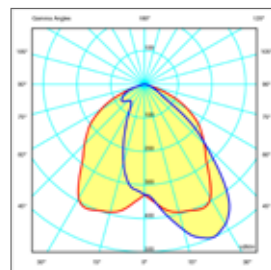


Professional LED floodlights  
HT +55 °C  
symmetrical 81°  
extra wide beam optics  
IP66

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	on-off as standard	<b>817008HT</b>	1
12	74	11575	8593		<b>817012HT</b>	1
16	94	15434	10990		<b>817016HT</b>	1
20	112	18135	13292		<b>817020HT</b>	1
24	133	21761	15746		<b>817024HT</b>	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	on-off as standard	<b>817108HT</b>	1
12	74	11575	8488		<b>817112HT</b>	1
16	94	15434	10865		<b>817116HT</b>	1
20	112	18135	13128		<b>817120HT</b>	1
24	133	21761	15549		<b>817124HT</b>	1

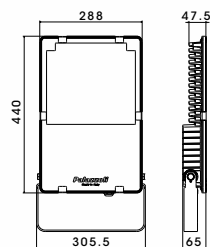
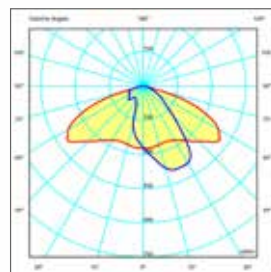
Equipment included: wall-mounting bracket. Power supply with 2P quick connector.  
Notes: the stated values may be subject to a +/- 7% tolerance.



# HT +55 °C Floodlights



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	on-off as standard	<b>817208HT</b>	1
12	74	11575	8228		<b>817212HT</b>	1
16	94	15434	10532		<b>817216HT</b>	1
20	112	18135	12721		<b>817220HT</b>	1
24	133	21761	15060		<b>817224HT</b>	1

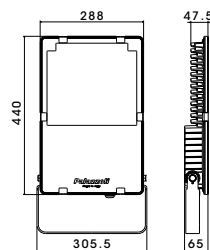
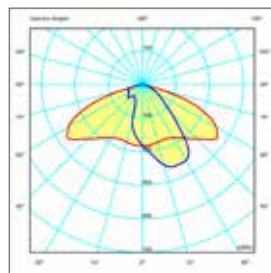
Equipment included: wall-mounting bracket. Power supply with 2P quick connector.  
 Notes: the stated values may be subject to a +/- 7% tolerance.



# Roadway Floodlights



100000h

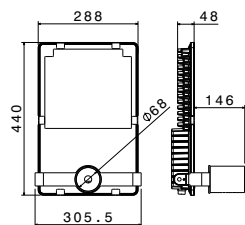
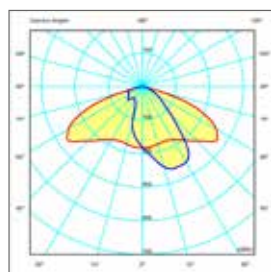


Professional LED floodlights  
roadway **65° wide** beam optics  
IP66

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	on-off as standard	<b>817208</b>	1
12	99	13875	11227		<b>817212</b>	1
16	132	18500	14970		<b>817216</b>	1
20	145	23125	17084		<b>817220</b>	1
24	170	27750	20226		<b>817224</b>	1

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	on-off as standard	<b>817258</b>	1
12	99	13875	11227		<b>817262</b>	1
16	132	18500	14970		<b>817266</b>	1
20	145	23125	17084		<b>817270</b>	1
24	170	27750	20226		<b>817274</b>	1

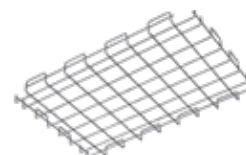
Equipment included: 42-60 mm pole mounting bracket. Power supply with 2P quick connector.  
Features: adjustment for pole-top application from 0° to +15°.  
Adjustment for wall mounting with projecting arm from 0° to -20°.  
Notes: the stated values may be subject to a +/- 7% tolerance.

# 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
painting galvanized steel	<b>811908</b>	1



Protection grid for TIGUA floodlights

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	<b>811911</b>	1



Projecting arm mounting bracket, 750 mm projection

Manufacturing material	Palazzoli code	Pack Qty
painting galvanized steel	<b>811914</b>	1



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

Manufacturing material	Palazzoli code	Pack Qty
painting galvanized steel	<b>811912</b>	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. 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  $\geq 80$ , a choice of optical solutions for wide beam, medium beam, narrow beam and elliptical beam, and a very low glare index ( $UGR \leq 22$ ).

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.

The photometric curves (LDT file) are available on [www.palazzoli.com](http://www.palazzoli.com)

Conformity to standards	Directive 2014/35/EU EN 60598-1 EN 60598-2-1 EN 60598-2-5 EN 60598-2-22 EN 62471 EN 62493 IEC/TR 62778 Directive 2014/30/EU EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3 Directive 2011/65/EU EN 50581 DIN 18032-3 EN 13964 Annex D EN 60598-2-24
Body material	EN 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	$\geq 80$
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	$UGR \leq 22$ ; $UGR < 25$
Power factor	$\geq 0.95$
Max. conductor cross-section	1.5 mm <sup>2</sup>
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 T <sub>q</sub> =-30 °C - +40 °C T <sub>q</sub> =-30 °C - +55 °C (HT version)
Storage temperature	-40 °C - +70 °C -30 °C - +40 °C
Operating temperature	-30 °C - +55 °C (HT version)



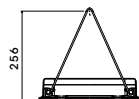
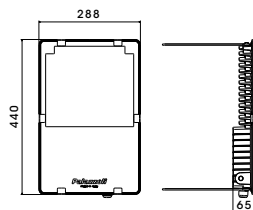
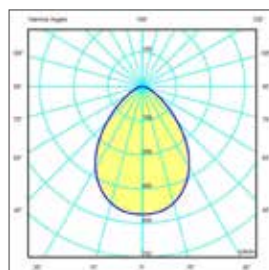
1-10V  
DIMMABLE



## 120000h | UGR<25



Suspension 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	standard dimmable 1-10 V	<b>817304</b>	1
8	67	9250	8064		<b>817308</b>	1
12	99	13875	11944		<b>817312</b>	1
16	132	18500	15926		<b>817316</b>	1
20	153	23125	18032		<b>817320</b>	1
24	182	27750	22100		<b>817324</b>	1
4	33	4625	3958	emergency*	<b>817305</b>	1
8	67	9250	8064		<b>817309</b>	1
12	99	13875	11944		<b>817313</b>	1
16	132	18500	15926		<b>817317</b>	1
20	153	23125	18032		<b>817321</b>	1
24	182	27750	22100		<b>817325</b>	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.

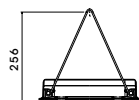
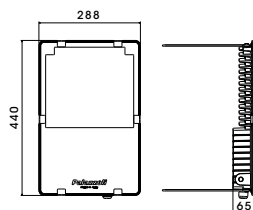
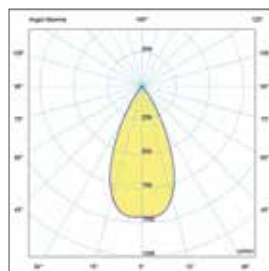
Notes: the stated values may be subject to a +/- 7% tolerance.

Wireless control systems available on request.

## 120000h | UGR<22



Suspension LED light fixtures  
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	1-10 V dimmable as standard	<b>817354</b>	1
8	67	9250	7577		<b>817358</b>	1
12	99	13875	11218		<b>817362</b>	1
16	132	18500	14957		<b>817366</b>	1
20	145	23125	17069		<b>817370</b>	1
24	170	27750	20208		<b>817374</b>	1
4	33	4625	3789	emergency*	<b>817355</b>	1
8	67	9250	7577		<b>817359</b>	1
12	99	13875	11218		<b>817363</b>	1
16	132	18500	14957		<b>817367</b>	1
20	145	23125	17069		<b>817371</b>	1
24	170	27750	20208		<b>817375</b>	1

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

(2 connectors for the versions in emergency).

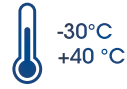
Features: typical installation height between 5 and 8 m.

\*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.

# Industrial



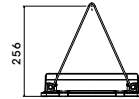
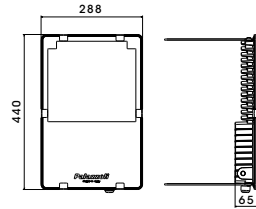
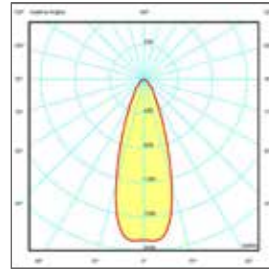
1-10V  
DIMMABLE



120000h | UGR $\leq$ 22



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



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

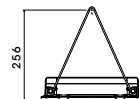
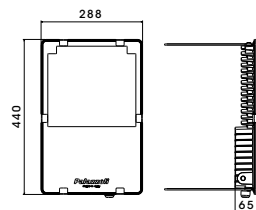
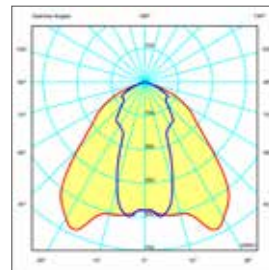
Notes: the stated values may be subject to a +/- 7% tolerance.

Wireless control systems available on request.

120000h | UGR $\leq$ 22



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



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

# Food industry



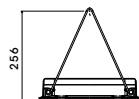
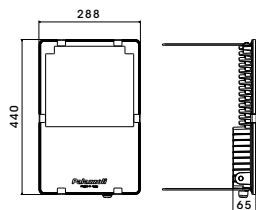
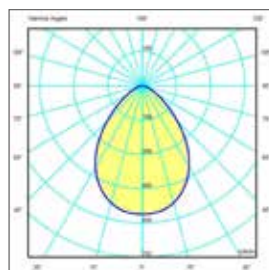
1-10V  
DIMMABLE



120000h | UGR<25



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	1-10 V dimmable as standard	<b>817504</b>	1
8	67	9250	8064		<b>817508</b>	1
12	99	13875	11944		<b>817512</b>	1
16	132	18500	15926		<b>817516</b>	1
20	153	23125	18032		<b>817520</b>	1
24	182	27750	22100		<b>817524</b>	1
4	33	4625	3958	emergency*	<b>817505</b>	1
8	67	9250	8064		<b>817509</b>	1
12	99	13875	11944		<b>817513</b>	1
16	132	18500	15926		<b>817517</b>	1
20	153	23125	18032		<b>817521</b>	1
24	182	27750	22100		<b>817525</b>	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.

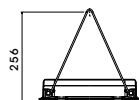
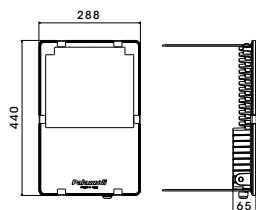
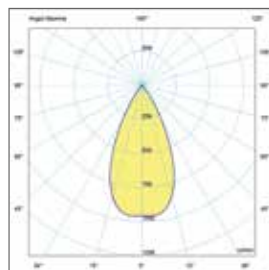
Notes: the stated values may be subject to a +/- 7% tolerance.

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	1-10 V dimmable as standard	<b>817554</b>	1
8	67	9250	7577		<b>817558</b>	1
12	99	13875	11218		<b>817562</b>	1
16	132	18500	14957		<b>817566</b>	1
20	145	23125	17069		<b>817570</b>	1
24	170	27750	20208		<b>817574</b>	1
4	33	4625	3789	emergency*	<b>817555</b>	1
8	67	9250	7577		<b>817559</b>	1
12	99	13875	11218		<b>817563</b>	1
16	132	18500	14957		<b>817567</b>	1
20	145	23125	17069		<b>817571</b>	1
24	170	27750	20208		<b>817575</b>	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.



# Food industry



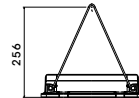
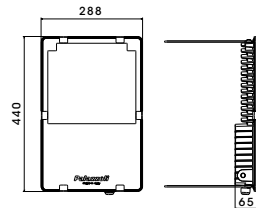
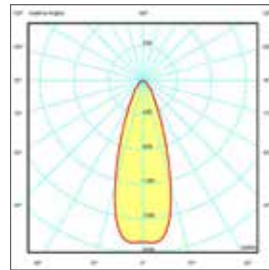
1-10V  
DIMMABLE



120000h | UGR $\leq$ 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) T <sub>j</sub> = 25 °C	Output flux (lm) T <sub>q</sub> = 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3757	1-10 V dimmable as standard	<b>817604</b>	1
8	67	9250	7515		<b>817608</b>	1
12	99	13875	11123		<b>817612</b>	1
16	132	18500	14831		<b>817616</b>	1
20	145	23125	16924		<b>817620</b>	1
24	170	27750	20034		<b>817624</b>	1
4	33	4625	3757	emergency*	<b>817605</b>	1
8	67	9250	7515		<b>817609</b>	1
12	99	13875	11123		<b>817613</b>	1
16	132	18500	14831		<b>817617</b>	1
20	145	23125	16924		<b>817621</b>	1
24	170	27750	20034		<b>817625</b>	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.

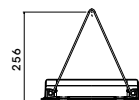
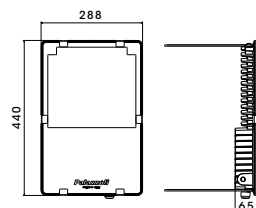
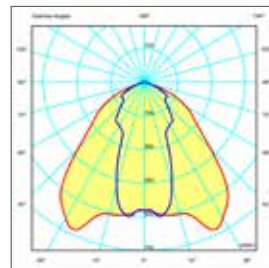
Notes: the stated values may be subject to a +/- 7% tolerance.

Wireless control systems available on request.

120000h | UGR $\leq$ 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) T <sub>j</sub> = 25 °C	Output flux (lm) T <sub>q</sub> = 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3864	1-10 V dimmable as standard	<b>817654</b>	1
8	67	9250	7728		<b>817658</b>	1
12	99	13875	11444		<b>817662</b>	1
16	132	18500	15258		<b>817666</b>	1
20	153	23125	17418		<b>817670</b>	1
24	182	27750	20627		<b>817674</b>	1
4	33	4625	3864	emergency*	<b>817655</b>	1
8	67	9250	7728		<b>817659</b>	1
12	99	13875	11444		<b>817663</b>	1
16	132	18500	15258		<b>817667</b>	1
20	153	23125	17418		<b>817671</b>	1
24	182	27750	20627		<b>817675</b>	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.

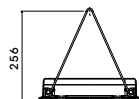
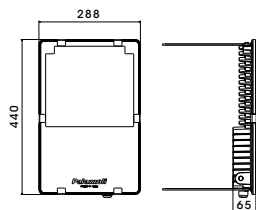
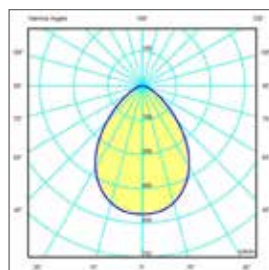
# DALI industrial



120000h | UGR<25



**DALI** pendant LED light fixtures  
**glass** diffuser  
**81° extra wide** beam optics  
**IP66**



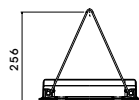
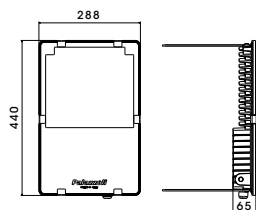
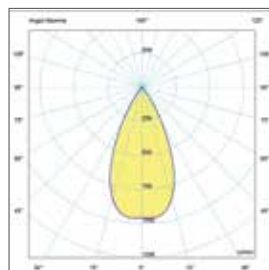
No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3958	dimmable DALI	<b>817304DA</b>	1
8	67	9250	8064		<b>817308DA</b>	1
12	99	13875	11944		<b>817312DA</b>	1
16	132	18500	15926		<b>817316DA</b>	1
20	153	23125	18032		<b>817320DA</b>	1
24	182	27750	22100		<b>817324DA</b>	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	dimmable DALI	<b>817354DA</b>	1
8	67	9250	7577		<b>817358DA</b>	1
12	99	13875	11218		<b>817362DA</b>	1
16	132	18500	14957		<b>817366DA</b>	1
20	145	23125	17069		<b>817370DA</b>	1
24	170	27750	20208		<b>817374DA</b>	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.

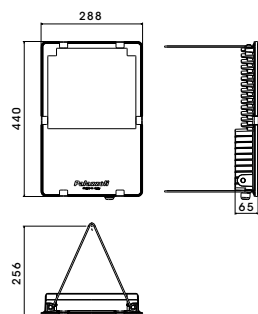
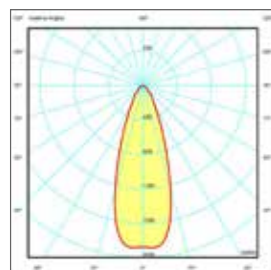
# DALI industrial



120000h | UGR<sub>≤</sub>22



**DALI** low bay LED light fixtures  
**glass** diffuser  
**36° narrow** beam optics  
**IP66**



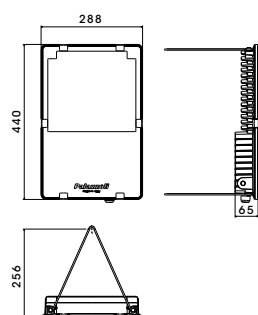
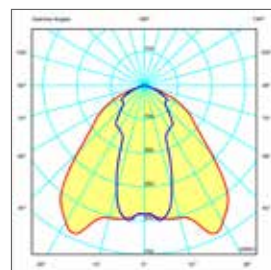
No. of LEDs	Device power (W)	Nominal flux (lm) T <sub>j</sub> = 25 °C	Output flux (lm) T <sub>q</sub> = 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3757	dimmable DALI	<b>817404DA</b>	1
8	67	9250	7515		<b>817408DA</b>	1
12	99	13875	11123		<b>817412DA</b>	1
16	132	18500	14831		<b>817416DA</b>	1
20	145	23125	16924		<b>817420DA</b>	1
24	170	27750	20034		<b>817424DA</b>	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<sub>≤</sub>22



**DALI** low bay LED light fixtures  
**glass** diffuser  
**95°x41° elliptical** beam optics  
**IP66**



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

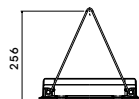
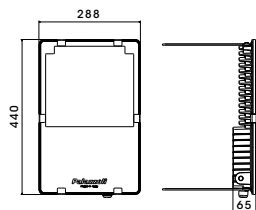
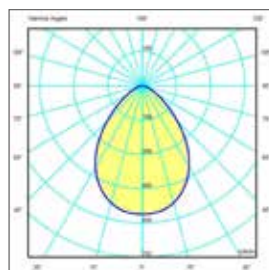
# DALI food industry



120000h | UGR<25



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



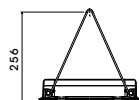
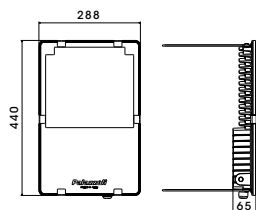
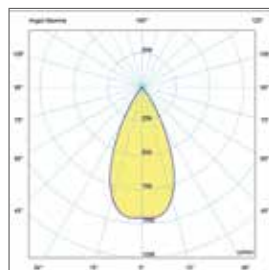
No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3958	dimmable DALI	<b>817504DA</b>	1
8	67	9250	8064		<b>817508DA</b>	1
12	99	13875	11944		<b>817512DA</b>	1
16	132	18500	15926		<b>817516DA</b>	1
20	153	23125	18032		<b>817520DA</b>	1
24	182	27750	22100		<b>817524DA</b>	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 pendant 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	dimmable DALI	<b>817554DA</b>	1
8	67	9250	7577		<b>817558DA</b>	1
12	99	13875	11218		<b>817562DA</b>	1
16	132	18500	14957		<b>817566DA</b>	1
20	145	23125	17069		<b>817570DA</b>	1
24	170	27750	20208		<b>817574DA</b>	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.



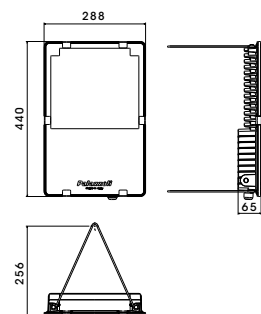
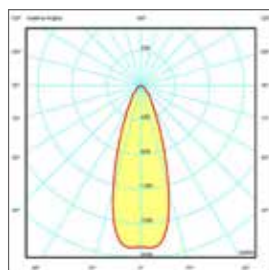
# DALI food industry



120000h | UGR $\leq$ 22



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



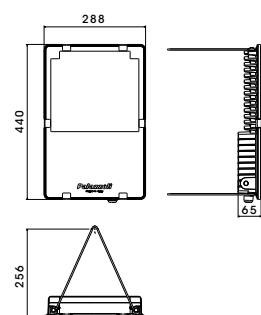
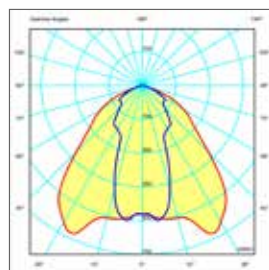
No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3757	dimmable DALI	<b>817604DA</b>	1
8	67	9250	7515		<b>817608DA</b>	1
12	99	13875	11123		<b>817612DA</b>	1
16	132	18500	14831		<b>817616DA</b>	1
20	145	23125	16924		<b>817620DA</b>	1
24	170	27750	20034		<b>817624DA</b>	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 $\leq$ 22



**DALI pendant 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	dimmable DALI	<b>817654DA</b>	1
8	67	9250	7728		<b>817658DA</b>	1
12	99	13875	11444		<b>817662DA</b>	1
16	132	18500	15258		<b>817666DA</b>	1
20	153	23125	17418		<b>817670DA</b>	1
24	182	27750	20627		<b>817674DA</b>	1

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.

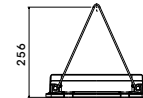
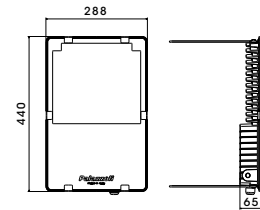
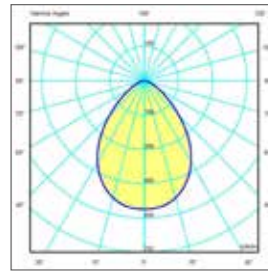
# HT +55 °C industrial



1-10V  
DIMMABLE



120000h | UGR<25

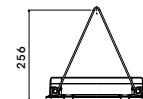
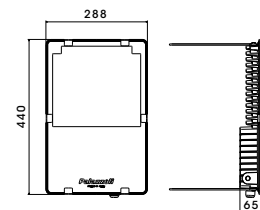
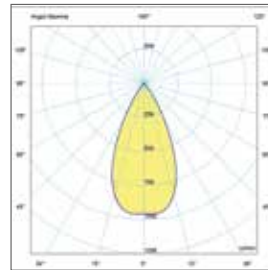


**HT +55°C**  
pendant LED light fixtures  
**glass** diffuser  
**81° extra wide** beam optics  
**IP66**

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	3477	1-10 V dimmable as standard	<b>817304HT</b>	1
8	67	9250	6954		<b>817308HT</b>	1
12	74	11575	8593		<b>817312HT</b>	1
16	94	15434	10990		<b>817316HT</b>	1
20	112	18135	13292		<b>817320HT</b>	1
24	133	21761	15746		<b>817324HT</b>	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.  
Other DALI or wireless control systems are available on request.

120000h | UGR<22



**HT +55°C**  
pendant 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	3328	1-10 V dimmable as standard	<b>817354HT</b>	1
8	67	9250	6657		<b>817358HT</b>	1
12	74	11575	8221		<b>817362HT</b>	1
16	94	15434	10523		<b>817366HT</b>	1
20	112	18135	12710		<b>817370HT</b>	1
24	133	21761	15047		<b>817374HT</b>	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.  
Other DALI or wireless control systems are available on request.

# HT +55 °C industrial



-30°C  
+55°C

1-10V  
DIMMABLE



CORROSION  
RESISTANT



FLICKER  
FREE



2 YEARS WARRANTY  
EXTENDABLE TO 5 YEARS

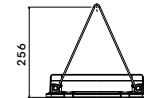
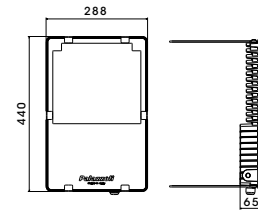
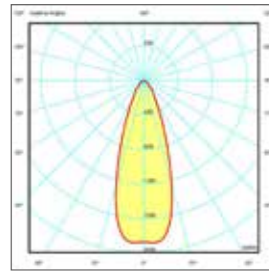


ENERGY SAVING UP  
TO 60%

120000h | UGR≤22



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



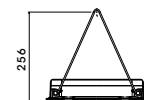
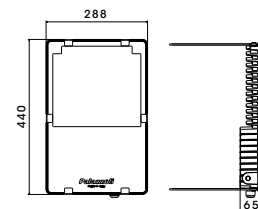
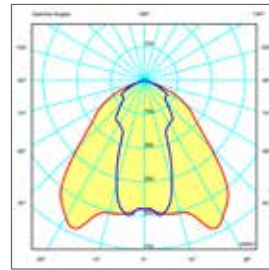
No. of LEDs	Device power (W)	Nominal flux (lm) Tj= 25 °C	Output flux (lm) Tq= 25 °C	Version	Palazzoli code	Pack Qty
4	33	4625	3301	1-10 V dimmable as standard	<b>817404HT</b>	1
8	67	9250	6602		<b>817408HT</b>	1
12	74	11575	8152		<b>817412HT</b>	1
16	94	15434	10500		<b>817416HT</b>	1
20	112	18135	12601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

120000h | UGR≤22



**HT +55°C**  
pendant 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	3395	1-10 V dimmable as standard	<b>817454HT</b>	1
8	67	9250	6789		<b>817458HT</b>	1
12	74	11575	8387		<b>817462HT</b>	1
16	94	15434	10735		<b>817466HT</b>	1
20	112	18135	12969		<b>817470HT</b>	1
24	133	21761	15359		<b>817474HT</b>	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.  
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	<b>811919</b>	1



Set of brackets  
for Ø 60mm horizontal pole mounting

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	<b>811920</b>	1



Kit with bracket  
for ceiling mounting

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	<b>811916</b>	1



0-90° adjustable bracket  
for catenary wire mounting

Manufacturing material	Palazzoli code	Pack Qty
galvanized steel	<b>811921</b>	1



Emergency kit

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

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

Features: 1 M20 entry;  
1 output with connector.

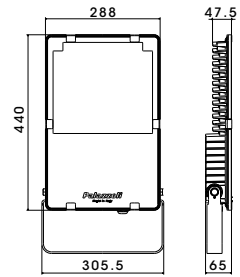
Notes: the interface bracket is suitable for a double fixed chain connection. In the case of horizontal pole mounting, adjustable mounting and ceiling mounting, the emergency kit must be mounted close to the unit (max. 1.5 m).

Nominal flux (lm) T <sub>j</sub> = 25 °C	Emergency output flux (lm) 1-3 h
4625	995
9250	
13875	
18500	
23125	
27750	

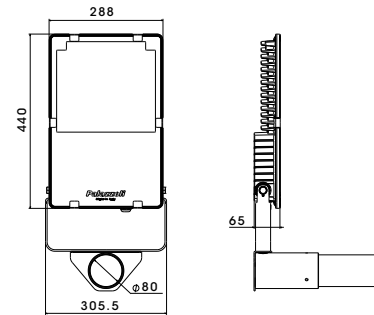


# Dimensions

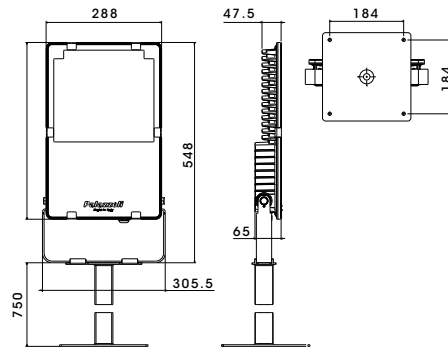
Wall mounting with bracket



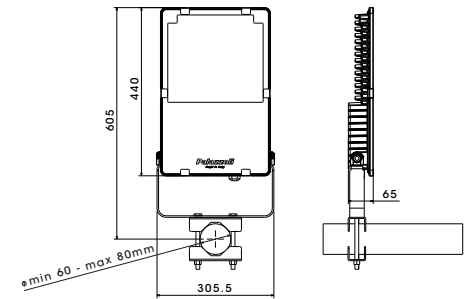
Pole-top mounting with accessories



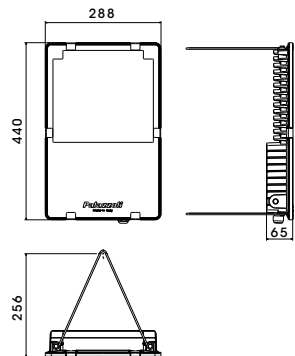
Wall mounting with projecting bracket



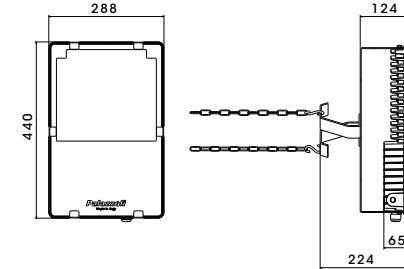
Pole mounting with collar



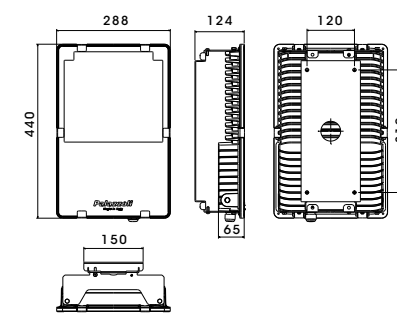
Double chain suspension



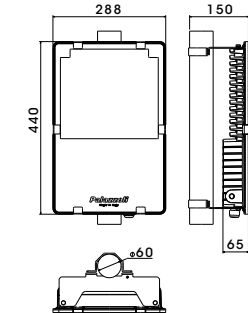
Adjustable double chain suspension



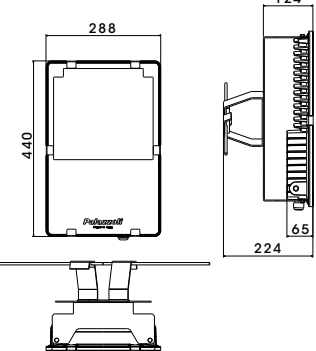
Ceiling mounting



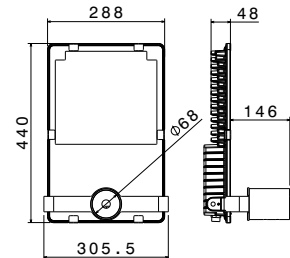
Horizontal pole mounting



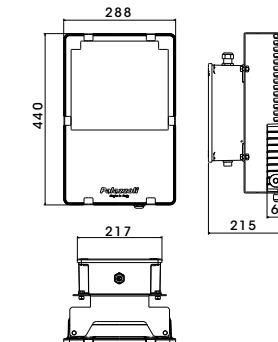
Catenary wire suspension



Integrated pole-top mounting



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 steel 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 B10 @ 110,000h CRI ≥ 70	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	8-10 kV surge protection	8-10 kV surge protection
						
	4100 - 12200 lm	13230 - 26460 lm	9250 - 27750 lm	4625 - 21761 lm	5220 - 19575 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 performance, impact resistance for sports facilities).



TIGUA  
by Palazzoli

*Lighting to save*

[palazzoli.com](http://palazzoli.com)

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Tel. +39 030 2015.1 - Fax +39 030 2015.258  
[export@palazzoli.com](mailto:export@palazzoli.com)

**Palazzoli**