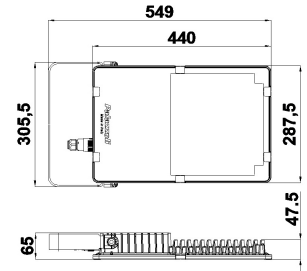
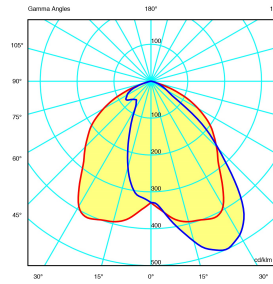
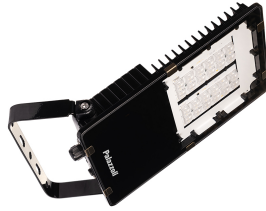




**SERIES TIGUA-EX  
FLOODLIGHT**  
**CODE 837224EX**



### Datasheet

#### Lighting characteristics

Output flux	18000 lm
Luminous flux (T <sub>J</sub> =25°C)	21600 lm
Luminaire power	144W
Output efficiency	125 lm/W
Color temperature	4000 K
Optics type	UV-stabilized polycarbonate lens
Optics	Asymmetric wide 23°
CRI	CRI >= 70 (typical - tolerances according to EN62717)
Color shift	4 MacAdam Step
Photobiological risk EN 62471	RG0 - Exempt Group
UGR index	-
Flicker free	< 1%
Life time	L90 B10 @230.000h T <sub>q</sub> =25°C
Emergency function	Obtainable with UPS/DALI
Emergency flux	-

#### Electrical characteristics

Insulation Class	I
Supply Voltage	160-277 Vac   160-250 Vdc 0/50/60Hz
Control system/dimming	DALI
Surge protection	8kV common mode 6kV differential mode
Power factor	> 0,95
Hole type	Terminal block with cable gland M20
Conductor section max	2,5 mm <sup>2</sup>
Tightening diameter	Min 7 mm; Max 13 mm

#### Mechanical characteristics

Manufacturing material	Low copper aluminium alloy (EN 44300)
Treatment type	Fluorozirconic passivation
Surface finishing	Atoxic, anti UV polyester paint oven polymerized
Colour	Black RAL 9005
Diffuser type	Extraclear tempered glass 4 mm
Protection degree	IP66
Shock resistance	IK08 according to IEC/EN 62262
Corrosivity category	Equivalent to C5(M)/C4(H) (ISO 12944)
Mounting system	Adjustable bracket -135° + 135°
Net Weight	7.1 KG
Working Environment Temp.	Min: -35°C ; Max: +40°C
Warehousing Temperature	Min: -40°C ; Max: +70°C

#### Atex characteristics

Dust Atex execution	-
Gas Atex execution	-

#### Warranties, Reference Standards and Directives

Warranty	2 years extendable to 7
Certification and approval marks	
Directives	
Reference Standards	



The images are purely indicative. The indicated values of luminous flux and declared power have tolerances of +/- 7%. Palazzoli reserves the right to make changes without notice.