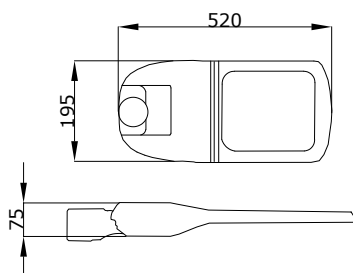


Strada-LED 81

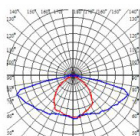
220V 240V	IP66		ECODESIGN COMPLIANT	CE	RoHS	Ta -25° +60°C
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item: ST81H9T1-830

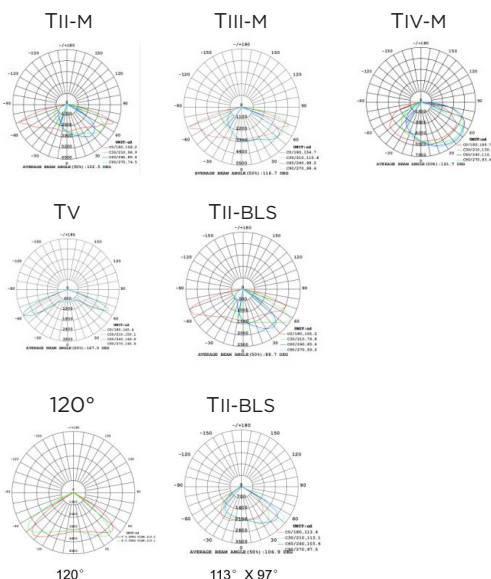
LED street light, IP66,
81W, 3000K, CRI>80



standard TI



On request optical system:



Strada-LED is a professional solution for street and parking lot lighting, featuring energy-efficient LEDs and technical optical lenses. Powered by 220-240 V/50-60 Hz, it features an integrated DALI driver for flexible control. A 3000 K light source with a CRI≥80 and SDCM 3 ensures vivid, uniform brightness.

DALI Driver Input: AC 220 V-240 V and Constant Current Output. Made of die-cast aluminum alloy with marine-grade paint (RAL9007 gray, C5 corrosion protection). IP66, IK08, and Class II protection, withstands ambient temperatures up to 60°C. With an L90/B10 lifespan of >90,000 hours. Strada-LED is a durable and long-lasting street lighting solution.

Light source

Light source: SMD LED multichips modules (AL-PCB).
Light source energy class: E (Ecodesign ELR 2019/2015)
Color temperature: 3000K (SDCM3)
Light output of the source: 140 lm/W
Color rendering index: CRI>80
Flow maintenance: L80 B10 90000 h
Useful output flux: 8915.2 lm
Luminous efficiency (LOR): 100%

Electrical data

Driver included: DALI, C.C. (MTBF: 80000h)
Power supply: 220-240Vac 50-60Hz
System power (Pin): 81W
Connection: Cable
Insulation class: II
Active PFC: 0.95
Optional Accessories: Zhaga interface
Protections: thermal, overload, short circuit, open circuit
Functions performed: DALI dim.; On-Off

Mechanical data

Housing: Marine grade die-cast aluminum alloy with RAL9007 gray, C5 corrosion protection paint.
Posizione regolabile della staffa per palo.
LED light source monochrome, optics with street distribution optical polymer lenses.
Protection rate: IP66
Mechanical impact resistance: IK08

Quality marks: CE RhOS (for all components)

Reference Standards:

CEI EN 60598-1, EN 62471, 2009/125/CE, 874/2012/CE, 2014/30/EU, 2014/35/EU, CEI EN 60598-2-2.

Ecodesign Directive ELR 2019/2015