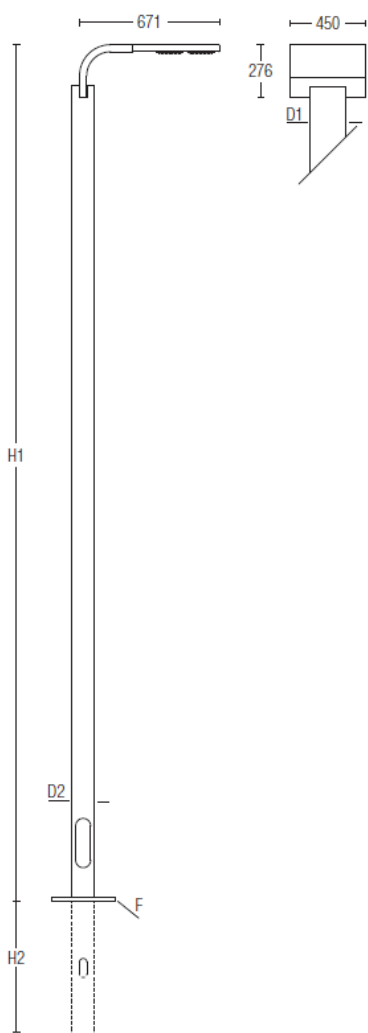
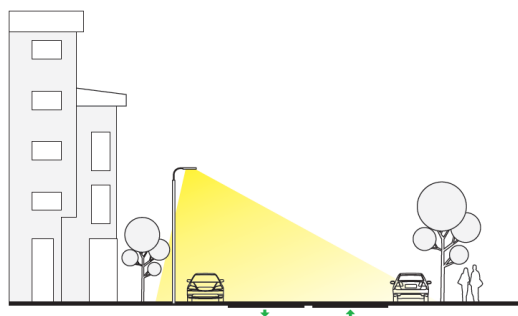


TLA 4 MODULE

LL2013.684



GENERAL HIGHLIGHTS

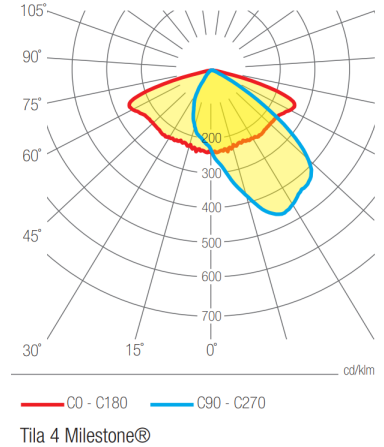
- Equipped with Heper's patented Milestone® EVO LED Module
- Optimized landscapes and road lighting distribution
- Operating Temperature -40°C / $+55^{\circ}\text{C}$
- Superior thermal management with upward aligned LED chips
- Easy installation and maintenance with modular structure
- In compliance with EN 60598, EN 62722

ELECTRICAL PROPERTIES

- Drive current: 700mA, 350mA (optional), 525mA (optional)
- Optimized PCB - Design; aluminum PCB or FR - 4 PCB with touchdown technology
- Energy class: A+
- Power factor: > 0.95
- Input Voltage: 220V - 240V, 120 - 277V (optional) at 50Hz / 60Hz
- Control type: On/Off, 1-10V (optional), DALI (optional).
- DynaDIM (optional), AstroDIM (optional)
- Surge protection: 10kV (optional)

OPTICAL PROPERTIES

- Equipped with Heper's patented Milestone® EVO LED Module
- Indirect lighting with reflector technology
- Homogenous lighting distribution through multifaceted reflectors
- Full cut-off wide light distribution
- Superior glare management with hidden light source
- MacAdam Ellipse 3
- Extreme high power multi LED chips
- Lumen output (absolute photometry): 14000lm - 16000lm
- Color temperature: 3000K, 4000K, 2700K (optional)
- CRI > 70 (4000K), CRI > 80 (3000K)
- Lumen depreciation: L90B50 > 118000 h
- Photobiological safety: Risk Group 0
- Efficacy (absolute photometry): 114 lm/W (4000K at 700mA)
- BUG Rating: B2 - U0 - G1
- ULOR: 0%



BODY HOUSING & FINISH

- Corrosion resistant aluminum housing
- Electrostatic powder coating
- HM1 to HM6 standard colors with optional RAL codes
- Ingress protection: IP66
- Impact protection: IK08

EXTRAS

- Higher CRI LED chips
- Marine grade coating
- Constant Light Output (CLO)
- IP rated terminal box

Finish Options

- HM1 – Special Black
- HM2 – Special Silvery Grey
- HM3 – Special Dark Grey
- HM4 – Special Light Grey
- HM5 – Special White
- Optional RAL codes

Tila 4 Module					
CODE	DESCRIPTION	CCT	DRIVE CURRENT	LUMEN OUTPUT (System)	POWER
LL2013.684	Tila 4 Module	3000 K	350 mA	7000 lm	70 W
LL2013.684	Tila 4 Module	4000 K	350 mA	8000 lm	70 W
LL2013.684	Tila 4 Module	3000 K	500 mA	10000 lm	100 W
LL2013.684	Tila 4 Module	4000 K	500 mA	11000 lm	100 W
LL2013.684	Tila 4 Module	3000 K	700 mA	14000 lm	140 W
LL2013.684	Tila 4 Module	4000 K	700 mA	16000 lm	140 W