



Delta Comfort



KEY ADVANTAGES

- Maximize energy savings and lower maintenance costs
- A new generation of self-developed multi-angle T2/T3/T4 lenses, offering high-efficiency lighting, comfort and safety
- 4 sizes to provide the most accurate solution for numerous road and urban applications
- Tool-free access with a clear, perceptible click upon closing
- Die-cast aluminum heat sink with smooth surface design to ensure high-quality heat dissipation and automatic cleaning function
- Optional NEMA or ZHAGA socket function, realize energy saving needs
- Wide range of operating temperatures

TYPES OF APPLICATION

- URBAN & RESIDENTIAL STREETS
- BRIDGES
- BIKE & PEDESTRIAN PATHS
- RAILWAY STATIONS & METROS
- CAR PARKS
- SQUARES & PEDESTRIAN AREAS
- ROADS & MOTORWAYS



BRIDGES



URBAN &
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CAR PARKS



SQUARES &
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AREAS



ROADS &
MOTORWAYS





GENERAL INFORMATION

Driver included	Yes
CE mark	Yes
RoHS compliant	Yes
Safety features	Open circuit protection Short circuit protection Overvoltage protection
Testing standard	LM-79 -19 (all measurements in ISO17025 accredited laboratory)

HOUSING AND FINISH

Housing	Die-cast Aluminium
Optic	Polycarbonate
Protector	Tempered Glass
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	Dual-color gray
Tightness level	IP 66
Impact resistance	IK 08
Vibration test	Yes

OPERATING CONDITIONS

Operating temperature range (Ta)	-20°C to + 50°C
Operating Humidity	10-90%RH
Mounting Option	Side entry or Vertical pole mounted
Warranty	5 years

PERFORMANCE

Power	60W/100W/150W/200W
Efficacy	Up to 170lm/w
Power Efficiency	≥90%
Start Time	≤0.25

ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	120-265V 50/60Hz
Power factor (at full load)	0.95
Surge protection options (kV)	10KV-Line-Line / 10KV-Line-Earth 20KV Optional
Electromagnetic compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Control protocol(s)	1-10V, Photocell & others (Optional)
Socket	Zhaga (optional) NEMA 3/5/7-pin (optional)
Total Harmonic Distortion(THD)	IEC 61000-3-2 Class C <10% at full load
Driver Type	Constant current(CC)

OPTICAL INFORMATION

LED Type	SMD2835
Beam Angle	T2 / T3 / T4
Recommended installation height	4m to 12m
Color Tolerance	Ra70 ≤7 Ra80 ≤5
LED colour temperature	3000K / 4000K / 5000K / 6500K
Colour rendering index (CRI)	CRI>70 standard CRI>80 optional
Upward Light Output Ratio (ULOR)	0%

LIFETIME OF THE LEDS @ TA 25°C

All configurations	
L70B50	> 100,000h
Switching Cycles	> 100,000 times



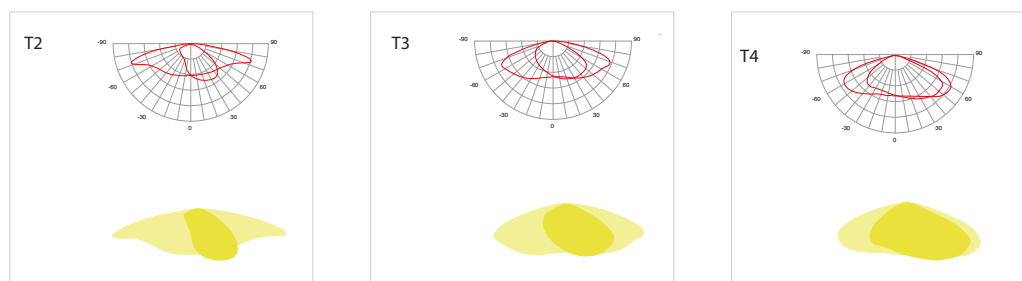
STANDARD VERSION

POWER	LUMENS	EFFICACY
60W	10,200LM	170LM/W(Ra70)
	9,600LM	160LM/W(Ra80)
100W	17,000LM	170LM/W(Ra70)
	16,000LM	160LM/W(Ra80)
150W	25,500LM	170LM/W(Ra70)
	24,000LM	160LM/W(Ra80)
200W	34,000LM	170LM/W(Ra70)
	32,000LM	160LM/W(Ra80)

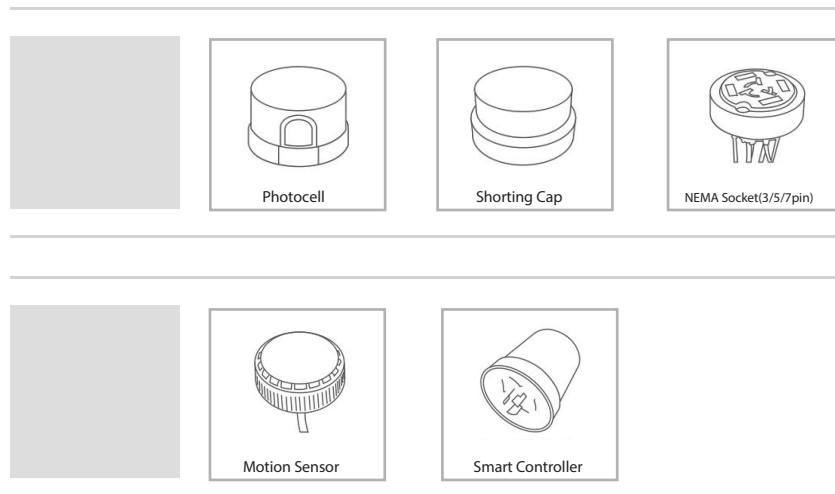
PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
60W	L535*W220*H130mm	1PCS/CTN	0.0153m ³	2.3kg	2.9kg	1699pcs	4313pcs
100W	L655*W245*H130mm	1PCS/CTN	0.0209m ³	3.1kg	3.8kg	1244pcs	3157pcs
150W	L670*W285*H130mm	1PCS/CTN	0.0249m ³	3.4kg	4.2kg	1044pcs	2650pcs
200W	L770*W285*H130mm	1PCS/CTN	0.0286m ³	3.8kg	4.8kg	909pcs	2307pcs

LIGHT DISTRIBUTIONS



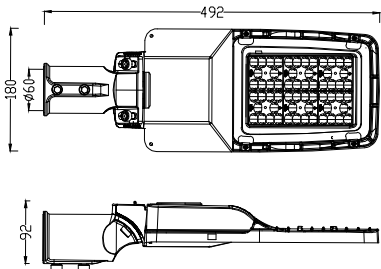
OPTIONAL ACCESSORIES



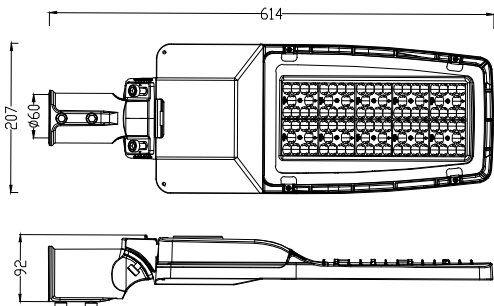
DELTA COMFORT | CHARACTERISTICS

 Connecting the cable requires an IP65 Tightness level

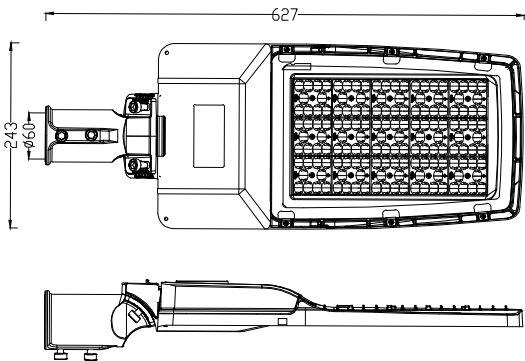
60W



100W



150W



200W

