



SKYBEAM

LED Street Light

Up to 150lm/W | 70W/100W/120W/150W/200W



Dimming
Control



Microwave
Sensor

CE CB RoHS

**5 Years
Warranty**

APPLICATIONS

- ✓ Highway
- ✓ Residential
- ✓ Side Road
- ✓ Township Road
- ✓ Urban Area

FEATURES

- ✓ Smooth surface, not easy to accumulate dust.
- ✓ Instant on/ off; No UV/ flickering.
- ✓ Integrated design for lens and heat sink.
- ✓ ADC12 die-casting material enables better heat dissipation.
- ✓ Stylish design with through-hole, better for air convection.
- ✓ .ies/. ldt files are available.

Separated gear compartment

The driver is accessed by unclipping the separated gear without tools.



Smart controls compartment

A wide range of optional control solutions are supplied to meet all needs and environments including wireless options i.e. photocell, microwave sensor, DALI D4i etc.. with Nema or Zhaga sockets. The CLO lighting controls will extend the LED lifetime and reduce maintenance requirements.



Aesthetics and concise design

Capturing the aesthetics' clean simplicity, the concise style is characterized with smooth finishes ensuring no dust accumulation. The powder coated texturized light grey aids to blend into the surroundings.



Universal spigot adaptor

The pre-assembled spigot adaptor can be reversed and used as post-top or as a side entry mounted option. Different diameters are available (T60 as standard, and T42/T76 optional)



Tilt adjustment

The rotational tilt adjustment ranges from -15° to +15° in 5° increments to optimize lighting distribution and uniformity.



PRODUCT DATA

General Information

LED Type	Lumileds
Light Efficacy	150lm/W
CCT	3000K/4000K/5700K
CRI	70
LED Lifespan	153,000h@L70B10 96,000h@L80B10 46,000h@L90B10
Power Supply	Philips
Type of Driver	Isolated/ Non-isolated
Protection class IEC	class I /class II
Warranty	5 Years Warranty
Certificate	CE,CB, ROHS

Application Conditions

Operating Temperature	-30 °C to +50 °C
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Approval and Application

Ingress protection code	IP66
Mech. impact protection code	IK08
Surge protection	10KV of Surge Protection Device (Standard)

Light Distribution Curve



Operating and Electrical

Input voltage	220-240Vac/100-277Vac
Input Frequency	50/60Hz
Inrush current	-
Power Factor	≥0.93

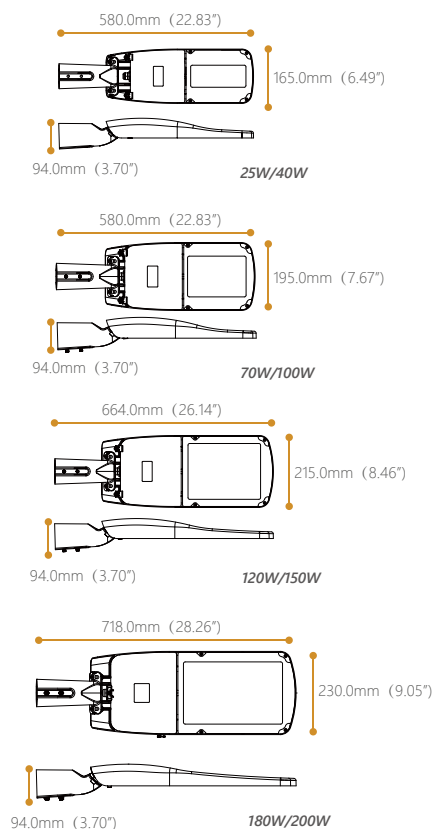
Mechanical and Housing

Structure Material	Die casting ADC12
Finish Material	Powder coated
Lens Material	(PC)Polycarbonate
Glass Material	Tempered glass
Fixture Color	Grey RAL9006
Mounting Option	Side-Entry/Pole Mounting

Controls and Dimming

Dimmable	Yes
Intelligent Control	0/1-10V Dimming

Drawing



PRODUCT PARAMETER

Model Number	Power Consumption (±10%)	Input voltage	CRI	Light Efficiency	Luminous Flux (lm) (±10%) @3000K @4000K @5700K			Beam Angle	Correlated Color Temperaure	LED Type	Drvier Type
T10144 SKYBEAM-LED-70-57-PC	70W	100-277Vac	70	150lm/W	9800	10500	10500	Type I Type II Type III Type IV Type V	3000K 4000K 5700K	Lumileds 2835	Philips
T10145 SKYBEAM-LED-100-57-PC	100W				14000	15000	15000				
T10146 SKYBEAM-LED-120-57-PC	120W				16800	18000	18000				
T10147 SKYBEAM-LED-150-57-PC	150W				21000	22500	22500				
T10148 SKYBEAM-LED-200-57-PC	200W				28000	30000	30000				

ACCESSORIES

Standard



Reversible spigot _T60
optional: T76/ T42

Customized



Photocell _ NEMA



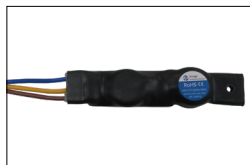
NEMA socket _ 3pin



NEMA socket _ 5pin



Dummy cap _ NEMA



10V built-in SPD



Photocell _ Zhaga