

SHOEBOX

PQ-SBHD

SBHD consists of three optional models (S, M, L) with power ranging from 50W to 500W. These lights are suitable for outdoor parking lots, residential areas, streets, sidewalks, outdoor sports fields, campuses, parks, and industrial/commercial areas.

High Light Efficiency of 160 LM/W



SHOEBOX				
MODEL	Color Temperature (CCT)	Power Tunable (TW)	Input Voltage (V)	Options
PQ-SBHD	CCTK = 3000K / 4000K / 5000K	100TW 300TW 500TW	UNIV = 120-347 AC	S = Sensor P = Photocell Blank = No Sensor/Photocell

Catalog Number as an Example: PQ-SBHD-CCTK-300TW-UNIV

CERTIFICATIONS

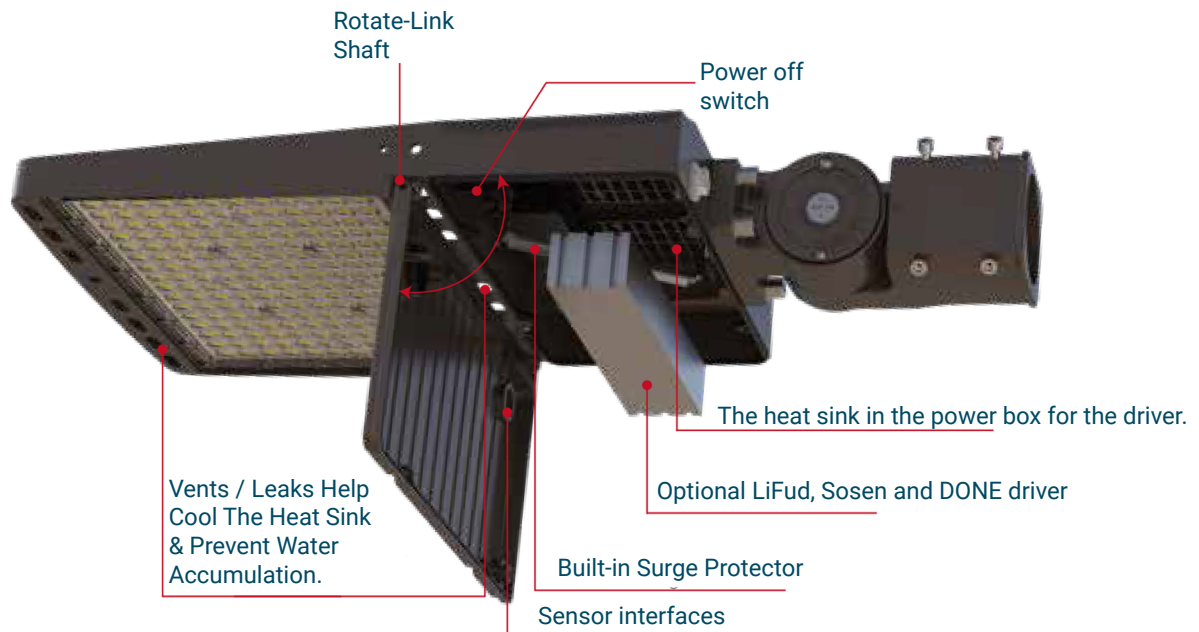


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PQ-SBHD

THE SBHD IN DEPTH

The power box cover is connected to the lamp body with a rotating-link structure. By loosening two screws, the power box can be easily opened without the cover falling off. This convenient design allows for easier manual maintenance operations, improves safety during maintenance and operation, and helps reduce maintenance costs.



Stability Driver & More Solution Optional

The heat sink design in the power box is specifically engineered to ensure the stability of the driver. This design allows for quick and efficient spreading of heat, aiding in heat dissipation. It is compatible with driver brands such as LiFud, Sosen, and DONE, ensuring consistent cooling capacity regardless of the chosen power supply. This provides customers with a range of power options. Additionally, the SBHD utilizes a no-flicker lightning source, ensuring a comfortable and consistent illumination effect throughout the entire light.

Vents Help Cool The Heat Sink & Prevent Water Accumulation

The heat sink in the SBHD is made using the ADC12 die-casting aluminum process, which conducts heat quickly. The design of the heat sink includes vents and encourages air convection, which aids in cooling the heat sink effectively. Additionally, this design feature helps prevent water accumulation, making it suitable for areas with high rainfall.

PIR & Microwave Sensor Optional

Microwave and PIR sensor interfaces are reserved on the cover of the power box, which facilitates the extension of the functions required by customers.

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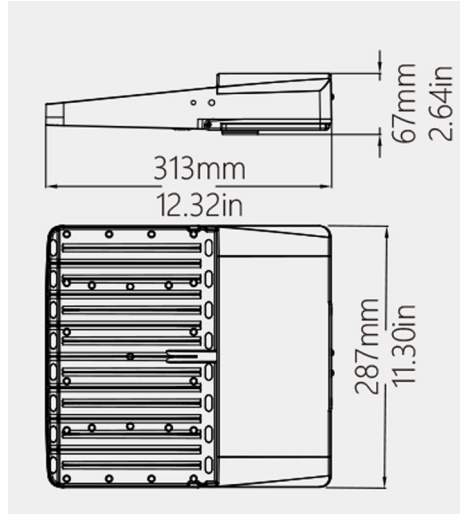
SPECIFICATIONS			
Models	(S) 100TW	(M) 300TW	(L) 500TW
Power (TW)	100 / 80 / 65 / 50	300 / 240 / 200 / 150	500 / 400 / 300 / 240
Light Efficiency	160Lm/W		
Lumen Flux	8,000 - 16,000Lm	24,000 - 48,000Lm	38,400 - 80,000Lm
CCT Tunable	3000K-4000K-5000K		
Beam Angle	T3-M, T4-S, T5-S		
CRI	Ra≥70		
Percent Flicker (%)	< 20%		
SDCM	≤6		
Input Voltage	AC120-347V		
Power Factor	≥0.90		
THD	≤20%		
Surge Protection	No		
Protection against electric	Class I		
IP	IP65		
IK	IK08		
Operating Temp Range	-40°C to +45°C (-40°F to +113°F)		
Intelligent control	1-10V Dimming		
Lifetime	50,000 Hrs		
Dimension (mm/in)	313*287*67 mm 12.32*11.30*2.52 in	421*310*69 mm 16.57*12.20*2.71 in	680*309*71 mm 26.77*12.17*2.80 in
Warranty	5 years		
Certifications	CE / CB / ERP / UL / DLC / RoHS		
LED	Lumileds		
Driver	LiFud, Sosen, DONE		
Structure	Die-casting/High Thermal Conductivity AL		
Finish	Powder coated		
Lens	PC		
Color	Bronze		

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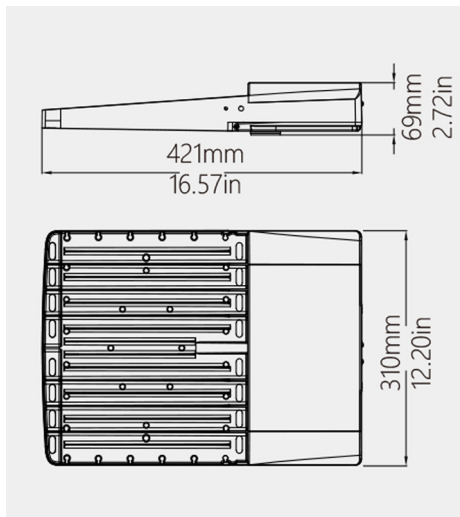
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DIMENSIONS (UNITS: MM & IN)

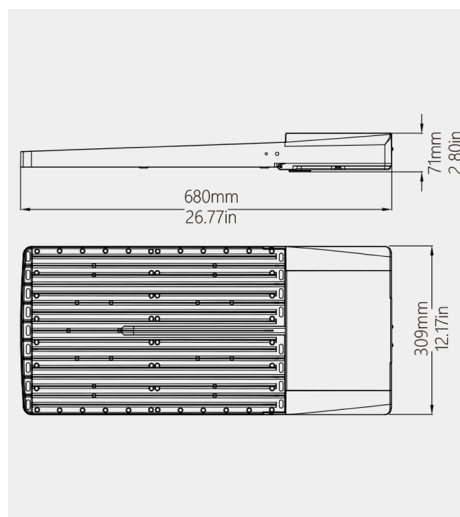
Model-S: 100TW



Model-M: 300TW



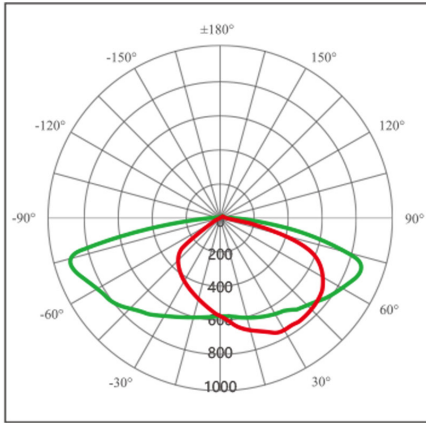
Model-L: 500TW



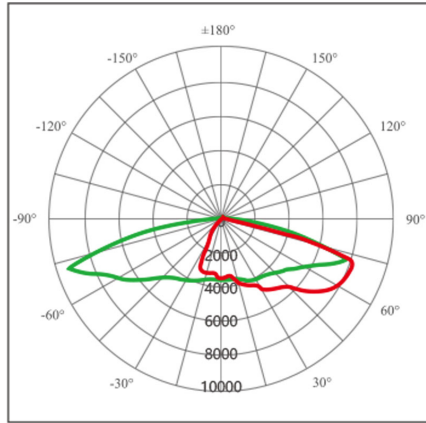
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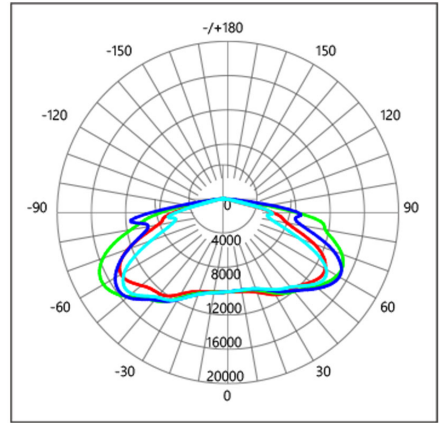
PHOTOMETRY



Type3-M



Type4-S



Type5-S

LIGHT CONTROL SOLUTION OPTIONAL

1. Cost-Effective Light Controlled Accessories 2. Multi-function Light Controlled Accessories



Photocell



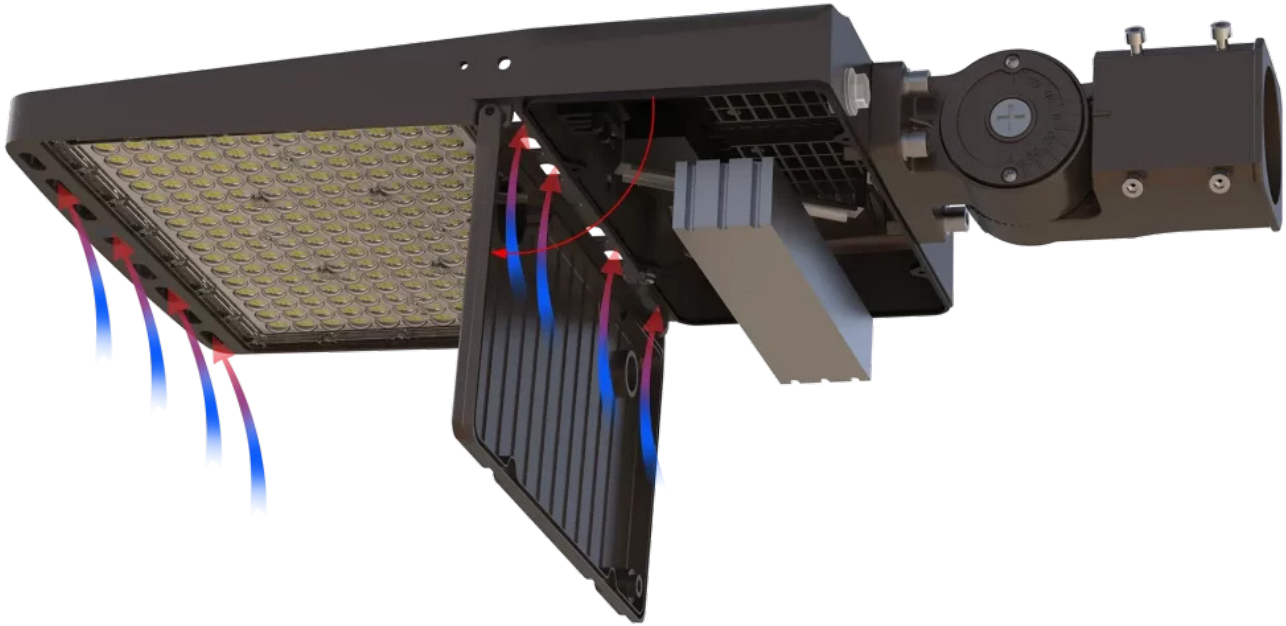
Photocell
+ NEMA

Photocell
3-PIN: Lighting Switch

NEMA+Photocell
3-PIN: Lighting Switch
5-PIN: Expandable DALI or 0-10V Dimming
7-PIN: Expandable DALI and 0-10V Dimming

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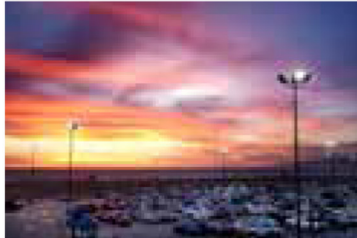
MOUNTING OPTIONS



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APPLICATIONS - OUTDOOR / INDUSTRIAL



Parking Lot



Tennis Court



Industrial sites



Commercial areas



High Way Lighting



Campuses