



Specification

customer : _____

Product name : _____ SKD Polaris Street Light

Product Model : _____ LD-BJX

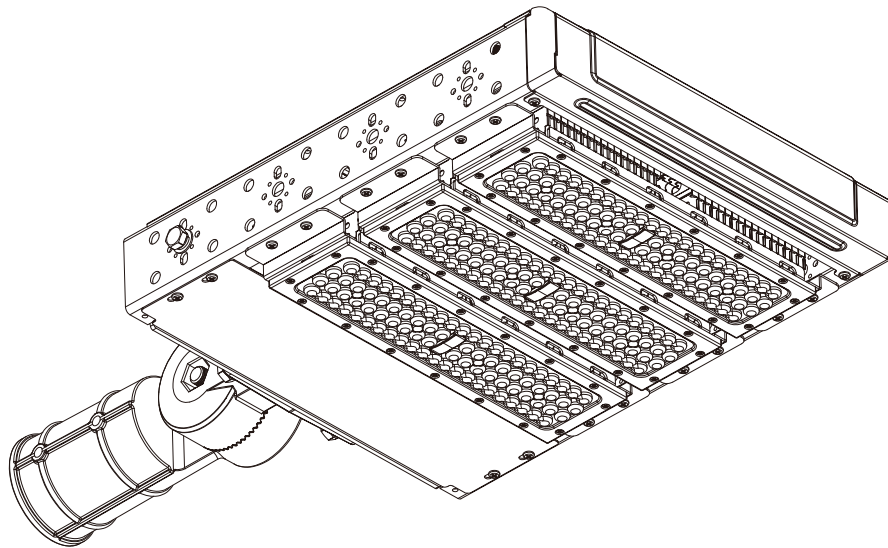
Product features

The entire luminaire adopts powder coating technology, delivering a bright finish that resists fading and corrosion over time, making it ideal for harsh outdoor environments.

Featuring a professional thermal management system with internal and external ventilation channels, it significantly enhances heat dissipation and extends the overall lifespan of the light.

Equipped with screw-fastened installation and multiple adjustable bracket points, it allows for at least 315° of flexibility, enabling versatile beam angle adjustments to suit various lighting needs.

product appearance



Polaris Street Light



Parking Lot



Parks and Green Space



Municipal Road



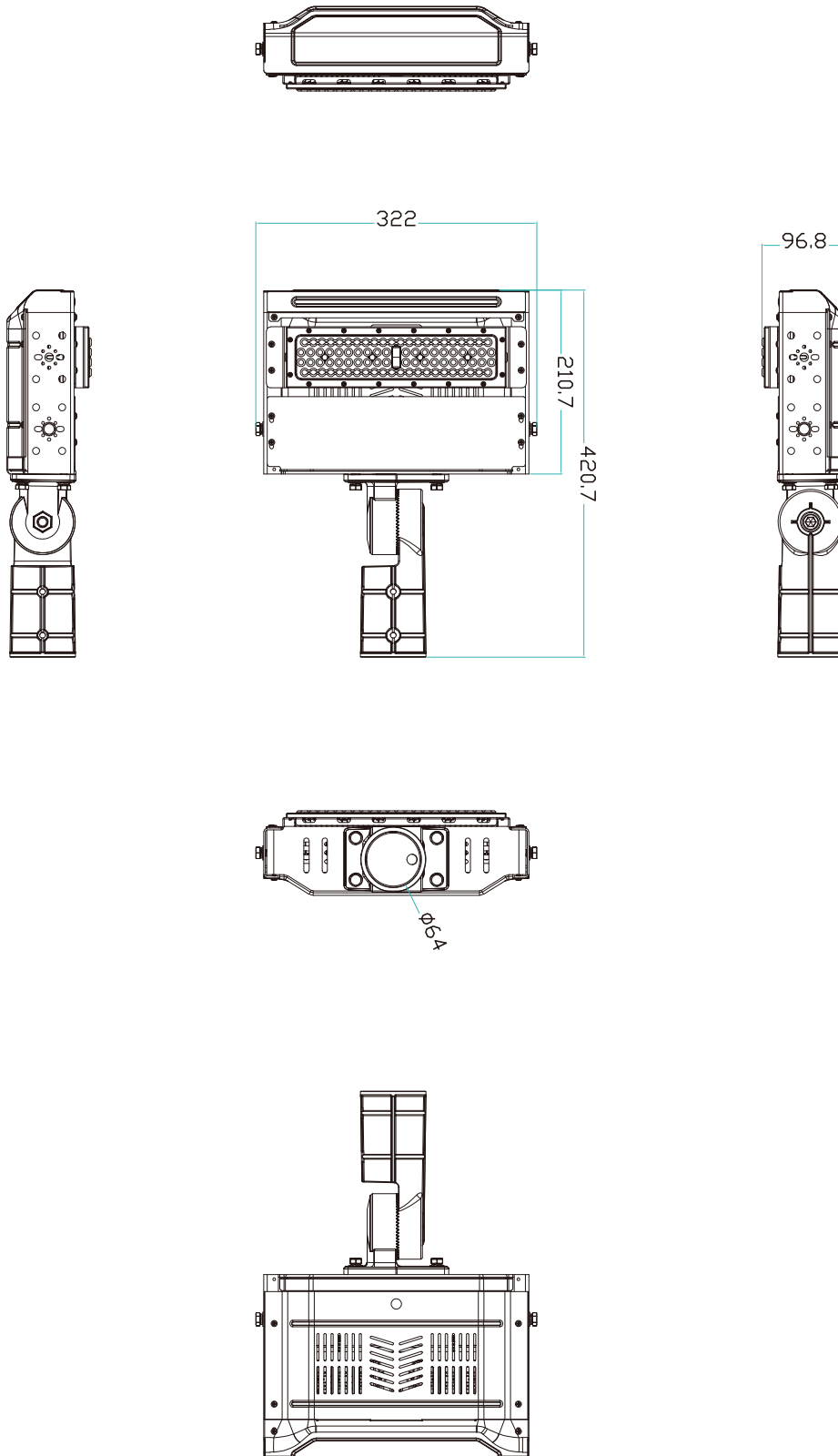
Residential and Garden Landscaping



Boutique Hotel & Resort Access Roads

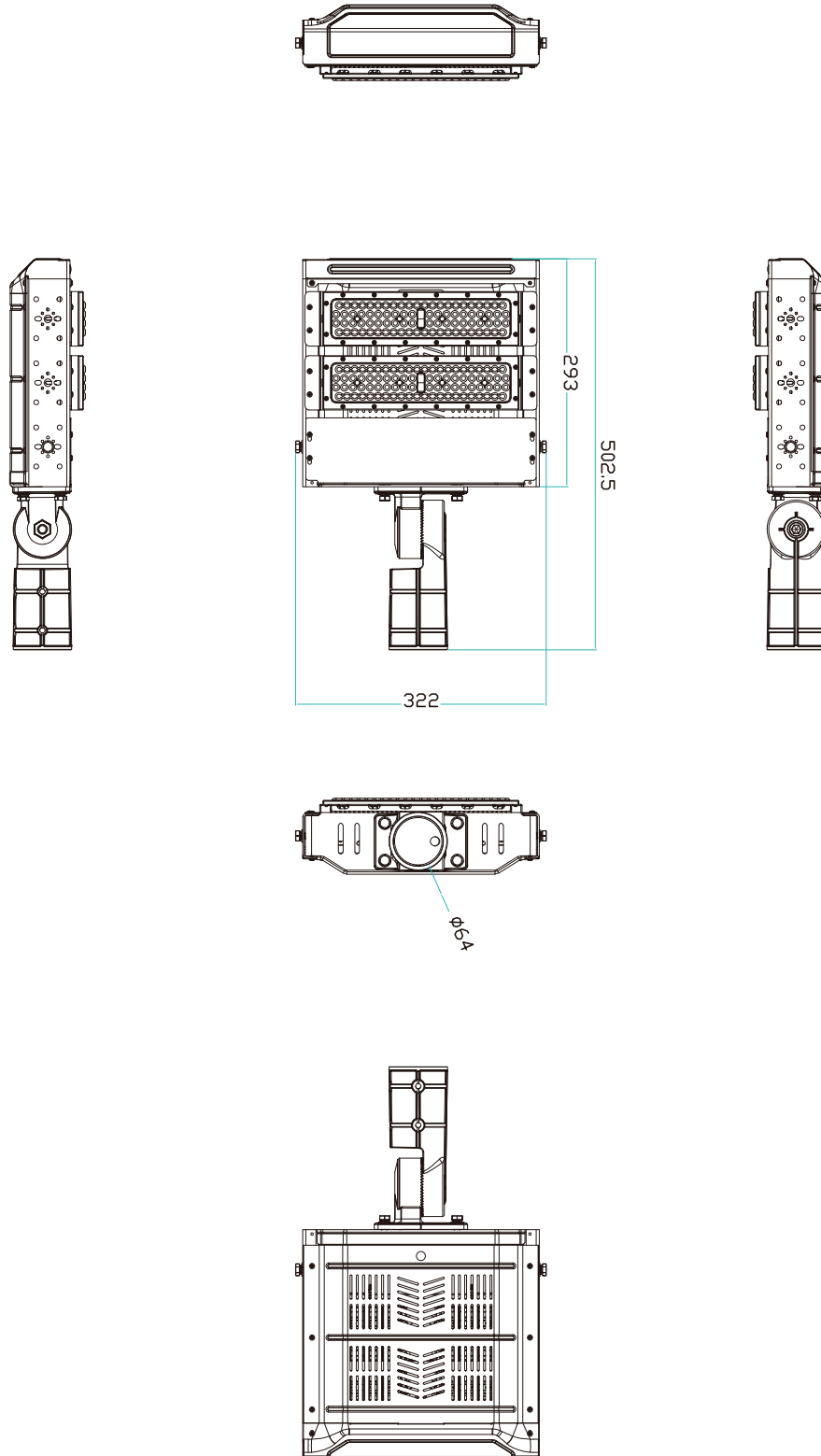
Specifications and Dimensions

LD-BJX-0100-N01S



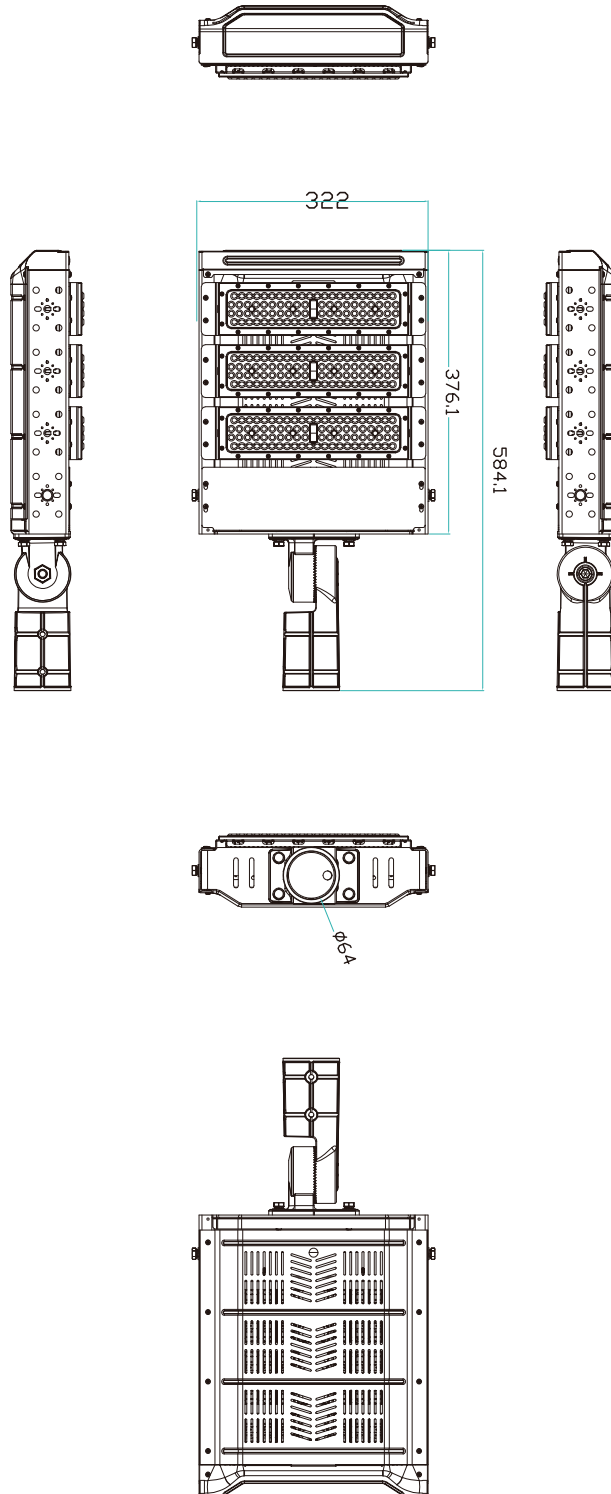
Specifications and Dimensions

LD-BJX-0160-N01S



Specifications and Dimensions

LD-BJX-0240-N01S



Product Parameters

Model	LD-BJX-0100-N01S	LD-BJX-0160-N01S	LD-BJX-0240-N01S
Power	100W	160W	240W
LED Specifications	2835/3030/This LED module adopts the 84-in-1 packaging technology		
CCT	3000K/4000K/5000K/6000K		
lens angle	TP II /TPIII/TPIV		
Luminous flux ($\pm 5\%$)	15000lm	24000lm	36000lm
Efficiency	150lm/W		
CRI	>70		
Input voltage	120-277V		
Input frequency	50/60Hz		
Power factor	>0.90		
Total Harmonic Distortion	<15%		
Power Efficiency	$\geq 93\%$		
Surge Protection Ratin	6KV line to line/6KV line to ground		
Operating Humidity	10-90%RH		
IP Grade	IP65		
Main material	Aluminum alloy/iron		
Exterior Color	Silvery		

※For fixed Class I luminaires, the overvoltage protective device shall disconnect the circuit in accordance with IEC 61643-11.

※The switch shall break the L wire or both L and N wires

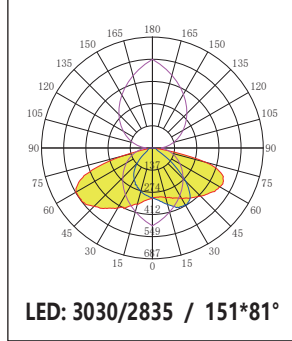
※Ra tolerance: ± 2

Outdoor lens angle

Lens angl:
252×70×6.6mm



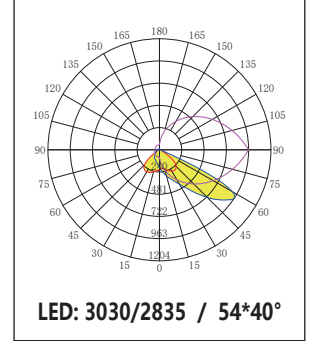
TPII
Lens angle 151*81°



Lens angl:
252×70×6.6mm



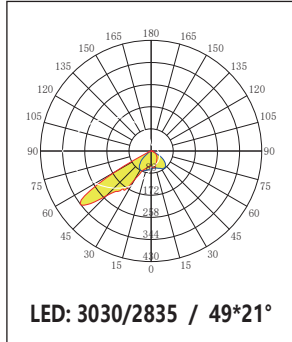
TPIII
Lens angl 54*40°



Lens angl:
252×70×6.6mm



TPIV
Lens angl 49*21°



Precautions

1. This product must be installed by a professionally qualified electrician. Please read the installation instructions carefully before installation.
2. Use the power voltage and current specified for the luminaire; otherwise, it will cause irreparable damage to the luminaire.
3. Wiring: Please wire correctly in accordance with the specifications. The wiring must be secure and tight. During transportation, due to vibration, to prevent screw loosening, a comprehensive inspection of the wiring screws for the internal wiring must be conducted before turning on the luminaire.
4. Type Z Connection: If the external flexible cable or cord of the luminaire is damaged, it must be replaced by the manufacturer or a professionally qualified engineer.
5. Earthing: Ensure that the luminaire is properly earthed.
6. Operating Environment: The luminaire must be used in a normal operating environment. If the operating environment exceeds the allowable range, the luminaire will not function properly and may cause other hazards.
7. Before performing maintenance, installation or replacement of the luminaire, ensure that the power supply has been disconnected. The power supply can only be turned on after ensuring that the luminaire is properly installed. This luminaire must not be used in violation of any fire safety regulations.
8. Installation and Operation
 - (1) Avoid rough handling and installation. Never lift or pull the luminaire's input cable for handling or installation to prevent man-made damage such as dropping.
 - (2) Please note the diameter range, temperature resistance and flame-retardant properties of the incoming cable.
 - (3) During normal operation of the luminaire, there is no risk of leakage of toxic and harmful substances. In case of accidental damage to the luminaire or at the end of its service life, please dispose of it in accordance with local environmental protection regulations.