



Durable design and high brightness, which can reach up to 137 LPW, with 360 degree beam angle. This working light is eco-friendly and energy saving. It has heat sink structure design, prolonging the service life yard saving 80% power energy. Adopts constant current isolating power source design, easy and safe to use, long lifespan.

PRODUCT DESCRIPTION

- Small Size and lighter weight, easy to use.
- Durable plating cage and hook, no risk of color fading, rustin distorting.
- IP65 waterproof & dust proof, keeps the moisture and dust off the lamp.
- 6000V Surge Voltage ensure the lamp is safe in the storm weather.
- The glue irrigating internal driver realizes the even heat dissipation.
- Suitable for the construction areas or any work areas.
- UL cUL DLC 4.0 listed.

P/N: AST-CHB02-100WXYSB1

Note:

AST= Company name

CHB02 = Product series, Work light

100W = Rating Power

X = LED manufacturer

A = Lumileds

B = SAMSUNG

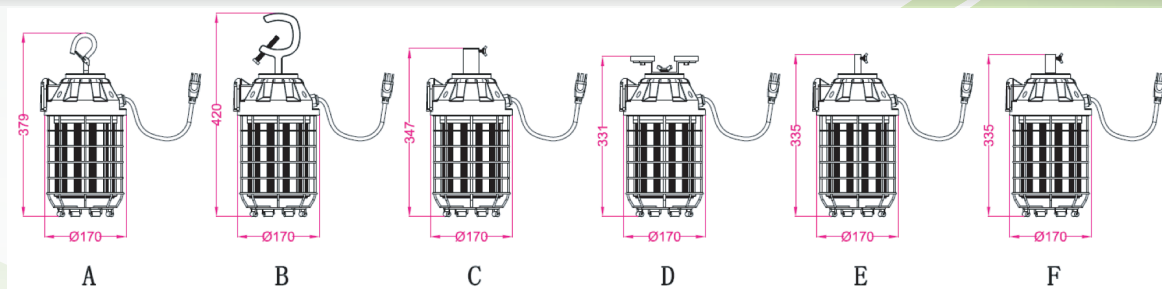
Y = Cover type, C for Clear cover, F for Frosted cover

S = Socket

B1 = Version number



Category	A	B	C	D	E	F
Stent Type	Hook Mount	Industry Hook Mount	Round Pipe Mount	Magnet Mount	1/4 NPT Stem Mount	5/8 NPT Stem Mount





SPECIFICATIONS

OPTICAL	Input Power	100W
	Lumen	13000 - 13700 LM (Clear) / 12500 - 13200 (Frosted)
	Lumen Efficacy	130 - 137 LPW (Clear) / 125 - 132 LPW (Frosted)
	Color Temperature	2700-6500K
	CRI	>80
	Viewing Angle	266 Degree
ELECTRICAL	Input Voltage	100~277v Ac 50/60Hz
	PF	≥0.9
	THD	≤20%
MATERIALS	LED Brand	Lumileds / SAMSUNG
	LED Type	SMD2835
	LED QTY	288 PCS
	Housing	PC + Aluminum
	Housing Color	Special orange
	Cover	Clear / Frosted
	Waterproof Rating	IP64
OTHERS	Operating Temperature	-20°F TO 45°F
	Operating Humidity	20 - 70 RH
	Storage Temperature	-30°F TO 80°F
	Storage Humidity	10 - 75 RH
	Warranty Time	10 Year

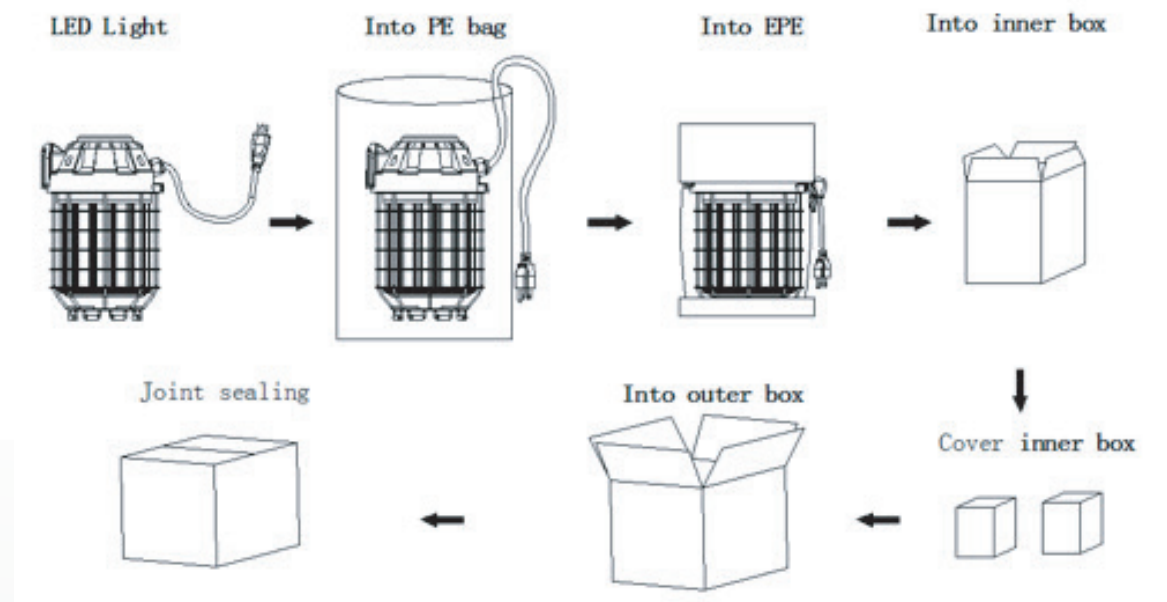




PACKAGE

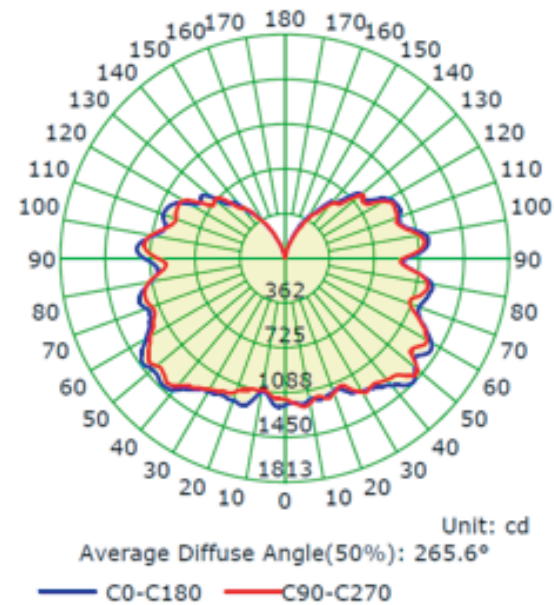
Category	A	B	C	D	E	F
Stent Type	Hook Mount	Industry Hook Mount	Round Pipe Mount	Magnet Mount	1/4 NPT Stem Mount	5/8 NPT Stem Mount
Weight	0.03 kg	0.16 kg	0.04 kg	0.18 kg	0.02 kg	0.03 kg

	Size	Qty/Carton	Net Weight/Carton	Gross Weight/Carton
Inner box	210*210*350 mm	1 PCS	2.17 KG	2.43 KG
Outer box	440*440*370 mm	4 PCS	8.7 KG	10.72 KG

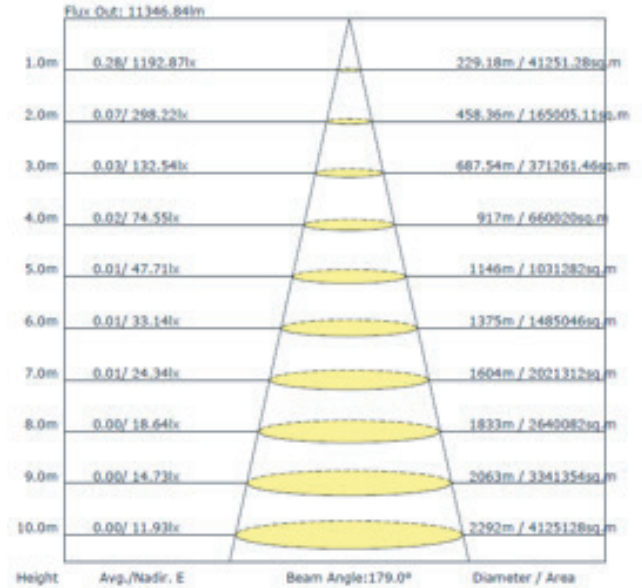




LUMINOUS INTENSITY DISTRIBUTION CURVE



AVERAGE LUMINANCE EFFECTIVE FIGURE



PHOTOMETRIC RESULTS

CIE Class: Semi-Direct
 Downward Ratio: 61%
 Horizontal Diffuse Angle (50%): H265.5
 Vertical Diffuse Angle (50%): V266.3
 Luminaire Efficacy Rating (LER): 118.75
 Max Intensity: 1450.8 cd
 S/MH (C0/C180): 1.73

Efficiency: 100%
 Upward Ratio: 39%
 Central Intensity: 1192.87 cd
 POS of Max. Intensity: H45 V46
 S/MH (C90/C270): 1.74





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