ITEM#2552

P/N:AST-UDWP01B-72WXYZA1-abcde

Note:

AST=Company Name;

UDWP01B=Product series, LED wall pack light;

72W=Rating Power;

X=LED manufacturer,

Y=CG,Represents clear flat glass;

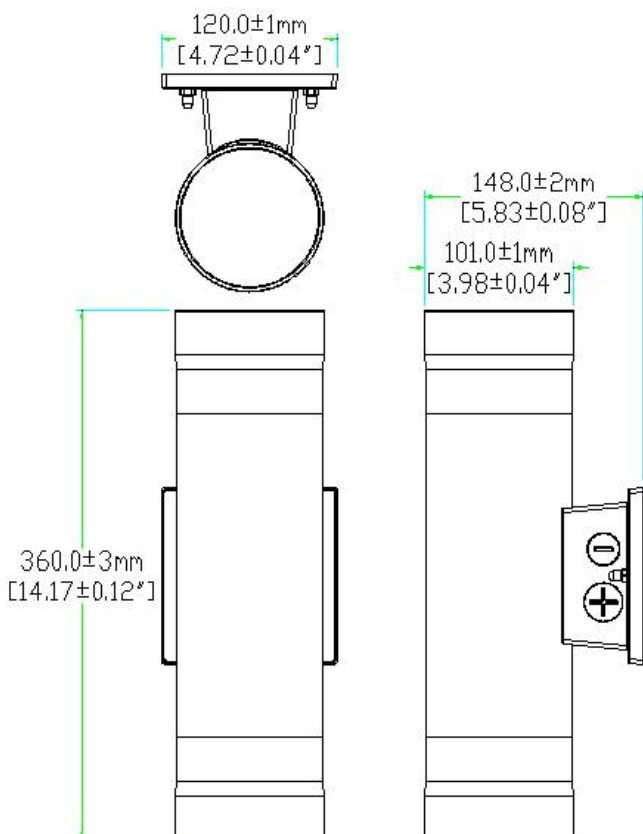A=Input voltage, 120-277VAC;

1=Version number;

"a" can be any two letters for Lamp colors;

"b" can be "S" or blank for Surge-Protective Device provided or not; "c" can be "P" or blank for Photocontrol provided or not;

"d" can be any digits for CCT;

"e" can be "W" or blank for Dimming Module provided or not

DIMENSIONS


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120.0±1mm
[4.72±0.04"]

148.0±2mm
[5.83±0.08"]

101.0±1mm
[3.98±0.04"]

360.0±3mm
[14.17±0.12"]
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ADVANTAGE

- ➤ UL, cUL, certificate
- ➤ Lumileds 2835, high CRI.
- ➤ Input voltage 120-277VAC .
- ➤ No UV or IR in the beam.
- ➤ Easy to install and operate.
- ➤ Energy saving, long lifespan.
- ➤ Light is soft and uniform, safe to eyes.
- ➤ Instant start, NO flickering, NO humming.
- ➤ Green and eco-friendly without mercury.

APPLICATION

- ➤ Entrance lighting,courtyard lighting;
- ➤ Industrial lighting,Outdoor landscape lighting;
- ➤ Building,The hotel;
- ➤ Wall lighting area and so on.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	72W		
	Color Temperature	3000K	4000K	5000K
	Lumen (Tolerance : ±10%)	7200LM	8280LM	7488LM
	Efficacy (Tolerance : ±3%)	100LM/W	115LM/W	104LM/W
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	BUG	B2U5G4		
	Diffuser Type	Glass		
	Beam Angle (50%) (Tolerance : ±15%)	45Degree		
ELECTRICAL	Input Voltage and Frequency	120-277VAC 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<30%		
	Driver Brand	Asmart		
	Driver Model	HB-FL19F080B		
	Driver Surge protection	L−N :6KV, L&N−PE:6KV		
	Dimming	0-10V dimming standard		
	Sensor Type	No Sensor		
	Optional Accessory	NA		
MATERIALS	LED Brand	LUMILEDS		
	LED Type	SMD2835		
	LED QTY	96*2PCS		
	Housing	Die-cast aluminum		
	Housing Color	All Color		
	Waterproof Rating	WET (IP65)		
OTHERS	Operating Temperature	-40℃ TO 45℃		
	Storage Temperature	-40℃ TO 80℃		
	Operating Humidity	20% - 90% RH		
	Storage Humidity	10% - 95% RH		
	Warranty	5 years		

ACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	512*396*190mm [20.16*15.59*7.48inch]	4PCS	9.8 KG [21.59 LBS]	10.6 KG [23.36 LBS]
Inner box	383*123*170mm [15.08*4.84*6.69inch]	1PC	2.3 KG [5.07 LBS]	2.45 KG [5.4 LBS]

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.

LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Voltage: 120.1 V
Power: 65.95 W

Current: 0.555 A
Power Factor: 0.988

Photometric Results

IES Classification: Type I
Total Rated Lamp Lumens: 7672.2 lm
Efficiency: 100%
Upward Ratio: 49%
Central Intensity: 55.3 cd
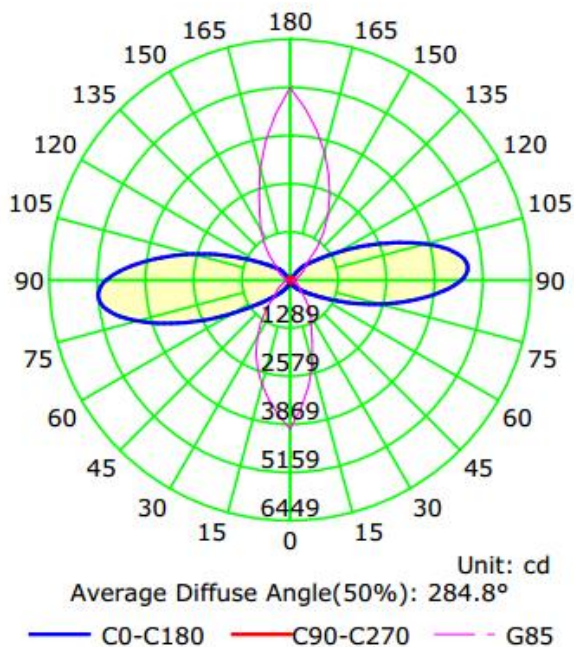Pos of Max. Intensity: H180 V85

Longitudinal Classification: Very Long
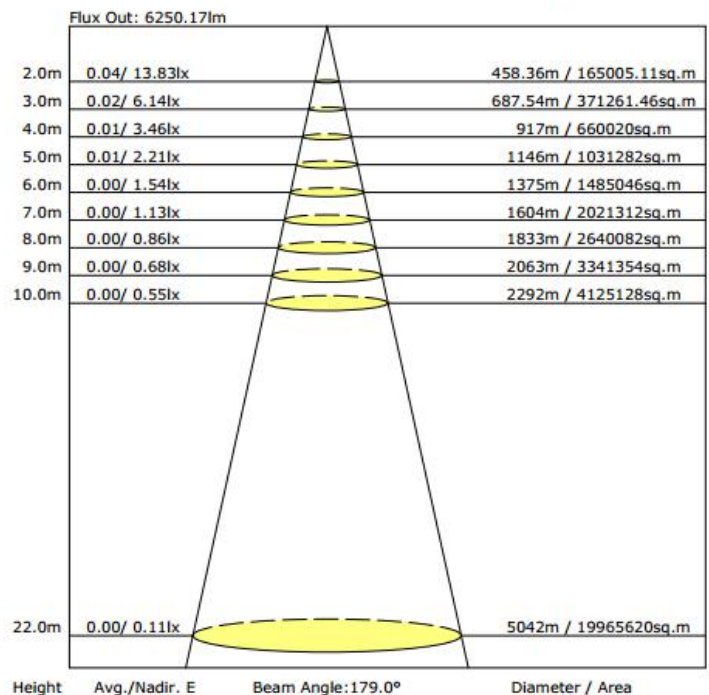Measurement Flux: 7672.2 lm
Downward Ratio: 51%
Luminaire Efficacy Rating (LER): 116.38
Max. Intensity: 5159.41 cd

Luminous Intensity Distribution Curve

165 180 165
150   150
135   135
120   120
105   105
90   90
          1289
75   75
          2579
60   60
          3869
45   45
          5159
30   30
          6449
15   15
      0
Unit: cd
Average Diffuse Angle(50%): 284.8°

—— C0-C180   —— C90-C270   — - G85

The Average Illuminance Effective Figure

Flux Out: 6250.17lm

Height	Avg./Nadir. E		Diameter / Area
2.0m	0.04/ 13.83lx		458.36m / 165005.11sq.m
3.0m	0.02/ 6.14lx		687.54m / 371261.46sq.m
4.0m	0.01/ 3.46lx		917m / 660020sq.m
5.0m	0.01/ 2.21lx		1146m / 1031282sq.m
6.0m	0.00/ 1.54lx		1375m / 1485046sq.m
7.0m	0.00/ 1.13lx		1604m / 2021312sq.m
8.0m	0.00/ 0.86lx		1833m / 2640082sq.m
9.0m	0.00/ 0.68lx		2063m / 3341354sq.m
10.0m	0.00/ 0.55lx		2292m / 4125128sq.m
22.0m	0.00/ 0.11lx		5042m / 19965620sq.m

Beam Angle:179.0°

NOTICE FOR USER

➢ Please turn off power before install or change assembly parts.
➢ The input voltage and lamps should be matched, after connecting the power line,
    Please make sure the wiring section is insulated.
➢ No-professionals, must not install and disassemble the lamps.

TROUBLE SHOOTINGS

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.