UL CERTIFIED®
SAFETY US·CA
E495046

ADENPAL LLC
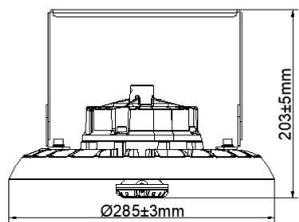info@apledworld.com
www.apledworld.com
+1 713-471-6021

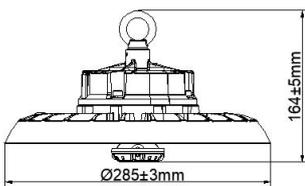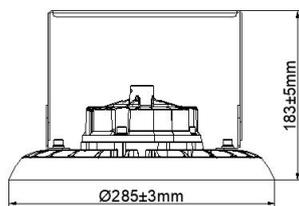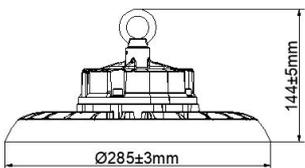## P/N: AST-HB18-150WS1XYA1-abcde

Note:

AST= Company name;

HB18 = Product series, LED High Bay Light;

150W= Rating Power;

S1= Driver manufacturer, LiFUD or SOSEN series;

"X" can be any alphabet for manufacturer of LED;

"Y"can be "T1-T9""CP"for Diffuser type;

A1= Version number;

"a"can be any two letters to represent lamp colors; BH=Black,
     WH=White, or Customized;

"b" can be "S" or blank for Surge-protective Device
provided or not;

"c" can be "M"or blank for Motion mircowave Sensor,provided
     or Motion PIR sensor or not

"d" can be any digits for CCT, 30-65K(3000-6500K)

"e" can be "RP", "RA" or blank for Thermoplastic shade,
aluminum shade provided or not.

DIMENSIONS

Pendent

144±5mm

Ø285±3mm

164±5mm

Ø285±3mm

Surface-mounted

183±5mm

Ø285±3mm

203±5mm

Ø285±3mm

ADVANTAGE

- ➢ UL cUL certificate.
- ➢ Lumileds or Samsung Chip, high CRI.
- ➢ Input voltage 120-277VAC.
- ➢ Output constant current lever can be adjusted through output cable with 0-10V.
- ➢ 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.
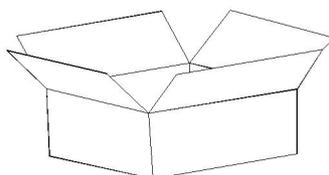- ➢ Green and eco-friendly without mercury.

APPLICATION

- ➢ Warehouse, factory and workshops;
- ➢ Highway toll station and gas station;
- ➢ Exhibition hall;
- ➢ Gymnasium and supermarkets, etc.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	150W
	Color Temperature	3000K-6500K
	Lumen (Tolerance : -10%)	19800LM-21400LM
	Efficacy (Tolerance : -3%)	132LM/W-143LM/W
	CRI	>80
	Color Consistency	＜6 Steps (or ＜6 SDCM)
	UGR	＜28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)
	Diffuser Type	PC Lens
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Flicker Percent	＜10%
	Driver Brand	China Brand Driver (0-10V dimming)
	Driver Model	LF-FHB150YAⅣ or SS-150CNL-E260BH
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV
	Dimming	0-10V dimming standard
	Optional Accessory	Motion Sensor, PIR sensor，Surge-protective Device
MATERIALS	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	240 PCS
	Housing	Die-cast aluminum
	Housing Color	Black, White, or Customized
	Waterproof Rating	WET（IP65）
OTHERS	Operating Temperature	Without Motion Sensor: -40℃ TO 50℃
		With Motion Sensor: -30℃ TO 50℃
	Storage Temperature	-40℃ TO 80℃
	Operating Humidity	20％ - 90％ RH
	Storage Humidity	10％ - 95％ RH
	Warranty	5 years

PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	300*300*130mm	1 PC	1.8KG	2.5KG
Surface-mounted	300*300*130mm	1 PC	2.4 KG	3.1KG

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

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.