UL CERTIFIED ®
SAFETY US·CA
E495046
LUMINAIRE

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

P/N: AST-HB18-240WS1XYA1-abcde

Note:

AST= Company name;

HB18 = Product series, LED High Bay Light;

240W= 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
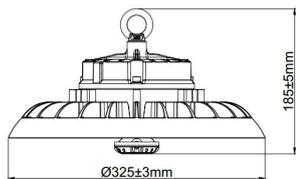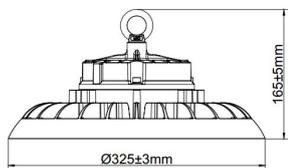   or Motion PIR sensor or not

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

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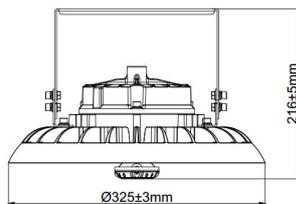aluminum shade provided or not.

DIMENSIONS
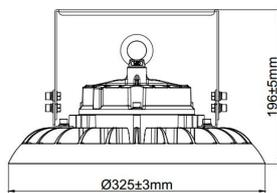
Pendent

Surface-mounted

165±5mm
Ø325±3mm

196±5mm
Ø325±3mm

185±5mm
Ø325±3mm

216±5mm
Ø325±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;
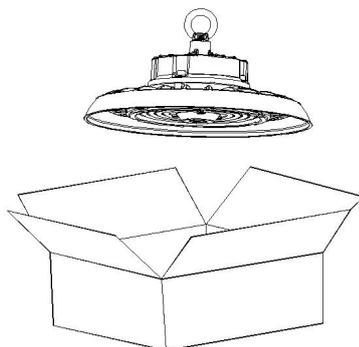
➢ Gymnasium and supermarkets, etc.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	240W
	Color Temperature	3000K-6500K
	Lumen (Tolerance : -10%)	31700LM-34800LM
	Efficacy (Tolerance : -3%)	132LM/W-145LM/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-FHB200YAIV or SS-240CNL-260BH
	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	400PCS
	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	340*340*145mm	1 PC	2.6KG	3.3KG
Surface-mounted	340*340*145mm	1 PC	3.3KG	4.2KG

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

LIGHT DISTRIBUTION TESTING PARAMETERS

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.