



Client:	
Order #:	
Project:	
Type:	

DESCRIPTION

TUFO High Bay is a compact, round, budget-friendly high bay that delivers strong performance with a sleek, modern design suitable for a wide range of environments. Built for durability and reliability, it supports hook, pendant, and surface mount installations. Standard features include selectable 4000K/5000K color temperatures and four power settings to simplify inventory management. Optional emergency battery backup and control options make it ideal for warehouses, manufacturing facilities, and stadiums.

FEATURES

- Scalable lumen packages ranging from 6,200lm – 36,000lm
- 80+CRI, selectable CCT 4000K and 5000K
- Sensor ready port for easy sensor installation (PIR or Microwave)
- Mounting: Hook mount (standard), Conduit or Surface mount with U-Bracket
- Optional for Emergency Battery Backup

CONSTRUCTION & ELECTRICAL

- Anti-UV prismatic translucent lens
- Universal 120-277VAC or 120-347VAC or 347/480V input voltage
- 12V Aux Power and 0-10V dimming for a dimming range of 100% to 10%
- UL cUL wet location listed
- Corrosion-resistant powder coating that provides protection

PERFORMANCE DATA

CRI / CCT

80+ CRI, 4000K, 5000K

Projected Lifetime

>50,000 Hours (L70)

Dimming

10% down to 100%
0-10V Dimming Standard,

Operating Temperature

Operating Temperature Range:
-40°C to 45°C (-40°F - + 113°F) or -40°C to 50°C (-40°F - + 122°F)

- Note: Operating with emergency battery temperature range: 5°C to 50°C (+41°F - + 122°F)

Warranty

5 year Standard

ORDERING INFORMATION

TUFO / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____
SERIES SIZE WATTAGE CCT LENS REFLECTOR/REFRACTOR VOLTAGE DRIVER FEATURES CONTROLS EMERG. BATT. POWER CORD MOUNTING ACC. WARRANTY

FIXTURE SERIES	
TUFO	LED UFO High Bay
SIZE	
11	11 inch Nominal Diameter
14	14 inch Nominal Diameter
WATTAGE	
100WS	40W, 60W, 80W, 100W Select. (6,200 - 16,000 lm) (11 In)
150WS	60W, 90W, 120W, 150W Select. (9,800 - 24,000 lm) (11 In)
210WS	84W, 126W, 168W, 210W Select. (13,500 - 32,000 lm) (14 In)
230WS	92W, 138W, 184W, 230W Select. (15,500 - 36,000 lm) (14 In)
CCT	
CS	80+ CRI, 40K, 50K CCT Select.

REFLECTOR/REFRACTOR	
SAF	Spun Aluminum Reflector
PCR	Poly Carb Refractor (100W and 150W Only)
VOLTAGE	
UNV	Universal 120-277VAC
DRIVER FEATURES	
12A	12V Aux Power and 0-10V Dimming (<small>Use with Sensors</small>)

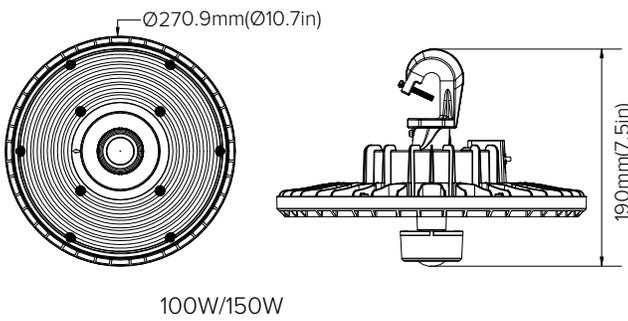
CONTROLS	
SRP	Sensor Ready Port (Standard)
MP	Motion PIR Occupancy, Plug'n'Play
MPBA	Motion PIR Occupancy, Plug'n'Play
MWP	Motion Sensor, Microwave Occupancy
MWPBA	Motion Sensor, Microwave Occ., Plug'n'Play, Bluetooth App Control
HD05R	Sensor Remote Control (Order Separately)

EMERGENCY BATT. BACKUP	
EM16	16 Watt 90 Min. Emerg. Batt. (100WS, 150WS)
EM25	25 Watt 90 Min. Emerg. Batt. (210WS, 230WS)
POWER CORD	
C6	6 FT SJTW 18/3 Black Power Cord, 3 Inch ROJ w/ 1/2 Inch Strip (Standard)
MOUNTING ACCESSORIES	
SMB	Surface Mount U Bracket
LHKM	Locking Hook Mount (Standard)
WARRANTY	
-	5 Year Warranty (Standard)
10Y	10 Year Warranty
10YL	10 Year Warranty with Labor

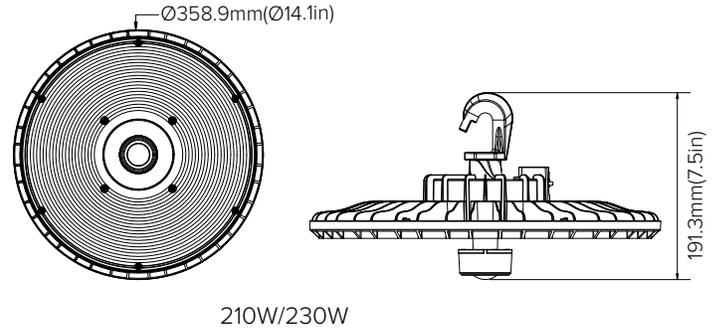
¹ Delivered Lumens (5000K)
² 5 Year Warranty is Standard unless specified

DIMENSION

unit: mm/inch



100W/150W



210W/230W

MOUNTING



LHKM - Hook Mount

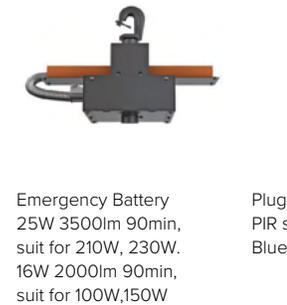
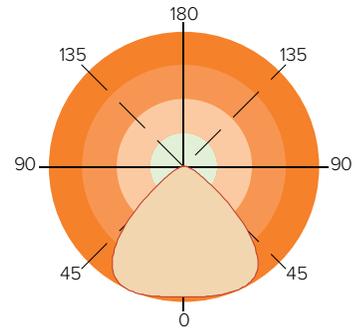


Threaded housing accepts Conduit Pendant Mount



SMB - Surface Mount U-Bracket

PHOTOMETRICS



Emergency Battery
25W 3500lm 90min, suit for 210W, 230W.
16W 2000lm 90min, suit for 100W,150W



Plug-and-Play PIR Sensor
PIR sensor
Bluetooth PIR sensor



Plug-and-Play Microwave Sensor
Bluetooth microwave sensor



U-Bracket
Use for surface mount



Aluminum Reflector



Pc Reflector

MSANT12VMH01

ACCESSORIES (Optional)

Emergency Battery
25W 3500lm 90min



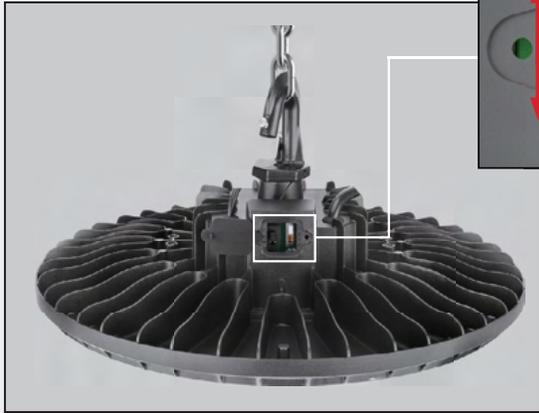
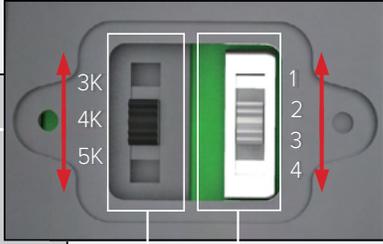
Plug-and-Play Sensor (optional)
Sensor allows for security and energy saving.



Installation accessory
Available for both hook mount, conduit mount and surface mounting with U-bracket(optional).
U-bracket allows to adjust the direction to illuminate any area you need.

Transformer BOX
Transformer can be easily added into the Junction-box and convert to HV models, reducing SKUs and inventory pressure.

Housing
Rugged die-cast housing with corrosion-resistant powder coating for effective protection.

CCT AND WATTAGE SELECTABLE
This fixture has the function of adjusting the lumens output and color temperature on-site.

CCT SELECT

3000K 4000K 5000K

Offer three CCT adjustable (3000K, 4000K, 5000K) or two CCT adjustable (4000K, 5000K)

WATTAGE SELECT

40% 60% 80% 100%

Each model supports 4 positions
wattage regulation :
100%, 80%, 60%, 40%

ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	800	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
		100	347	0.29
		105	347	0.30
		105	480	0.22
1	1150	150	120	1.25
		150	208	0.72
		150	240	0.63
		150	277	0.54
		150	347	0.43
		155	347	0.45
		155	480	0.32
1	1700	210	120	1.75
		210	208	1.01
		210	240	0.88
		210	277	0.76
		210	347	0.61
		215	347	0.62
		215	480	0.45

PERFORMANCE DATA

TUFO 100W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	100W	70	14000lm	140 lm/W	16000lm	160 lm/W	14500lm	145 lm/W
80%	80W	70	11600lm	145 lm/W	13000lm	163 lm/W	12000lm	150 lm/W
60%	60W	70	9000lm	150 lm/W	10000lm	167 lm/W	9400lm	157 lm/W
40%	40W	70	6200lm	155 lm/W	7000lm	175 lm/W	6500lm	163 lm/W

TUFO 150W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	150W	70	22000lm	147 lm/W	24000lm	160 lm/W	22500lm	150 lm/W
80%	120W	70	18000lm	150 lm/W	20000lm	167 lm/W	19000lm	158 lm/W
60%	90W	70	14000lm	156lm/W	15500lm	172 lm/W	14600lm	162 lm/W
40%	60W	70	9800lm	163 lm/W	10800lm	180 lm/W	10000lm	167 lm/W

TUFO 210W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	210W	70	30200lm	144 lm/W	32000lm	152 lm/W	30500lm	145 lm/W
80%	168W	70	24500lm	146 lm/W	26500lm	158 lm/W	25000lm	149 lm/W
60%	126W	70	19000lm	151 lm/W	21000lm	167 lm/W	20000lm	159 lm/W
40%	84W	70	13500lm	161 lm/W	14500lm	173 lm/W	14000lm	167 lm/W

TUFO 230W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	230W	70	34000lm	148 lm/W	36000lm	157 lm/W	35000lm	152 lm/W
80%	184W	70	28000lm	152lm/W	30000lm	163 lm/W	29000lm	158 lm/W
60%	138W	70	22000lm	159 lm/W	24000lm	174 lm/W	23000lm	167 lm/W
40%	92W	70	15500lm	168 lm/W	16500lm	179 lm/W	16000lm	174 lm/W