



Client:	
Order #:	
Project:	
Type:	

DESCRIPTION

TUFO is a compact, round, budget-friendly high bay that combines great performance with premium aesthetics. The stylish exterior design is very adaptable and can be seamlessly integrated into various environments. Designed to provide maximum durability and reliability, while supporting Hook, Pendant, and surface mount installation methods. The TUFO comes standard with 40K and 50K color temperature switch, and 4 power selections, reducing inventory and stocking requirements. Optional emergency battery backups and control options. It's ideal for a variety of commercial and industrial lighting applications such as warehouses, manufacturing, and stadiums.

FEATURES

- Casting thermally conducts LED heat to optimize performance and long life.
- Light engines are available in color tunable version, the CCT can be changed with three CCT selections (30K, 40K, 50K).
- With corrosion-resistant powder coating that provides protection and architectural appearance while adapting well to the environment.
- Scalable Lumen Packages from 6,200 to 36,000 Lumens.
- Anti-UV poly carb lens is designed to shape the light uniformity and controls the glare light.

PERFORMANCE DATA

CRI / CCT

80+ CRI, 3000K, 4000K, 5000K

Projected Lifetime

>50,000 Hours (L70)

Dimming

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

Operating Temperature

-40°C to +50°C Ambient

Warranty

5 year Standard
10 year Optional

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 (Use with Sensors)

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)

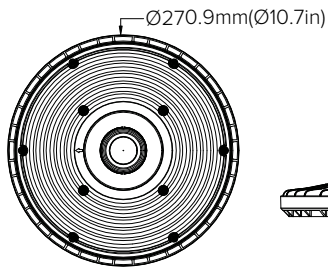
EMERGENCY BATT. BACKUP	
EM16	16 Watt 90 Min. Emerg. Batt. (100WS, 150WS)
EM25	25 Watt 90 Min. Emerg. Batt. (210WS, 230WS)
POWER CORD	
C6	6 FT SJTW 18/3 Black Power Cord, 3 inch ROJ w/ 1/2 Inch Strip (Standard)
MOUNTING ACCESSORIES	
SMB	Surface Mount U Bracket
LHKM	Locking Hook Mount (Standard)
WARRANTY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

¹ Delivered Lumens (5000K)

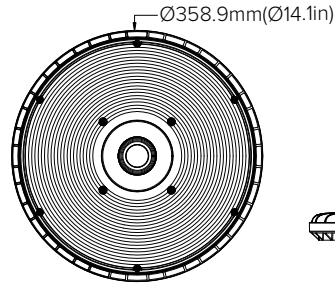
² 5 Year Warranty is Standard unless specified

DIMENSION

unit: mm/inch



100W/150W



210W/230W

MOUNTING



LHKM - Hook Mount

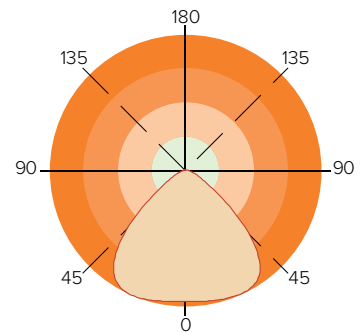


Threaded housing accepts
Conduit Pendant Mount



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



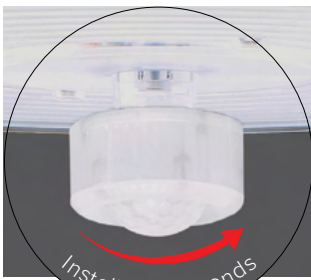
Aluminum Reflector



Pc Reflector

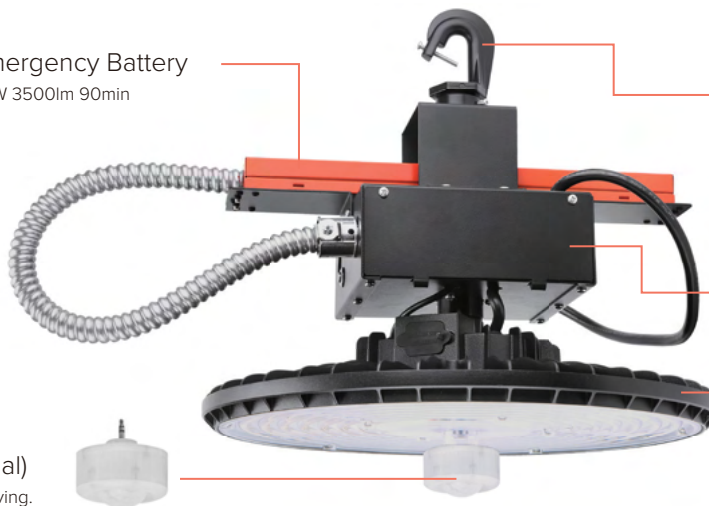
MSANT12VMH01

ACCESSORIES (Optional)



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

Emergency Battery
25W 3500lm 90min



Installation accessory

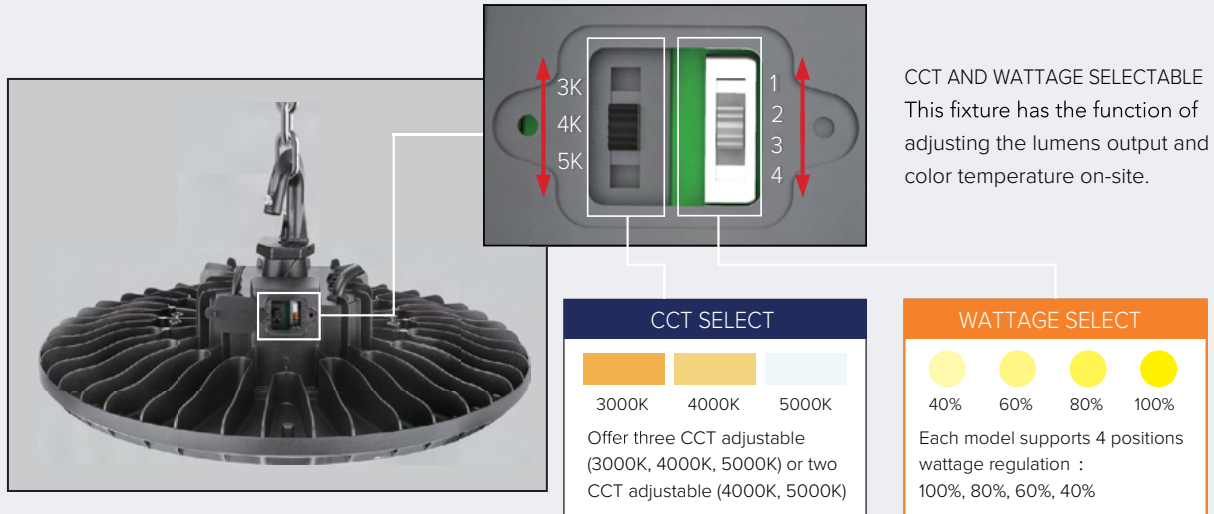
Available for both hook mount, conduit mount and surface mounting with U-bracket(optional).
U-bracket allows to adjust the direction to illuminate any area you need.

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.



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	1280	160	120	1.33
		160	208	0.77
		160	240	0.67
		160	277	0.58
		160	347	0.46
		165	347	0.48
		165	480	0.34
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
1	1750	230	120	1.92
		230	208	1.11
		230	240	0.96
		230	277	0.83
		230	347	0.66
		235	347	0.68
		235	480	0.49
1	1850	235	120	1.96
		235	208	1.13
		235	240	0.98
		235	277	0.85
		235	347	0.68
		240	347	0.69
		240	480	0.50

PERFORMANCE DATA

TUFO 100W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
		70	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	
		70	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 160W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
		70	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	160W	70	25500lm	159 lm/W	28000lm	175 lm/W	27000lm	169 lm/W
80%	128W	70	21200lm	166 lm/W	22800lm	178 lm/W	22000lm	172 lm/W
60%	96W	70	16500lm	172 lm/W	17500lm	182 lm/W	17000lm	177 lm/W
40%	64W	70	11300lm	177 lm/W	12000lm	188 lm/W	11600lm	181 lm/W

TUFO 210W								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
		70	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	
		70	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

TUFO 235W (Single CCT only)								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
		70	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	235W	70	37000lm	157 lm/W	40000lm	170 lm/W	40000lm	170 lm/W
80%	188W	70	31000lm	165 lm/W	33000lm	176 lm/W	33000lm	176 lm/W
60%	141W	70	24000lm	170 lm/W	25500lm	181 lm/W	25500lm	181 lm/W
40%	94W	70	16500lm	176 lm/W	17500lm	186 lm/W	17500lm	186 lm/W