

LINEAR Highbay



INDOOR SERIES



PRODUCT OVERVIEW

The **AL TSA Linear High Bay** has a long lifespan of over 50 000 hrs, With excellent heat dissipation and low power consumption it is perfect for industrial environments. It is IP65 rated with the option to IP67. It is easy to install and has a very neat appearance.

The **AL TSA Linear High Bay** uses PHILLIPS 3030 LED chip sets and a Mean-well driver.

Quality comes standard...



Hours
LIFESPAN



IP65
INDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Industrial Areas	Workshops
Commercial Areas	Store Rooms
Warehouses	Logistic Centres

CONSTRUCTION DETAILS

Aluminium Housing	Black,White,Silver Finish
Powder Coated	IP65 Ingress Protection
PC Lens	IK08 Impact Resistance

FEATURES

High Reliability LED Chipsets
High Reliability Power Supply
Anti-Vibration Brackets optional
Strengthened for torsional stability
Certified ETL, CETL, DLC, CE, Rohs

Linear Highbay



TECHNICAL DATA | TYPE A

MODEL No.:	POWER (W)	LUMEN (lm/W)	BEAM ANGLE	SIZE TYPE A (mm)	LED TYPE
LHB/50/*/**/***	50	130	30°60°90°/30°x70°/60°x90°/65°x145°/60°x120°	353x115x144	Philip 3030
LHB/100/*/**/***	100	130	30°60°90°/30°x70°/60°x90°/65°x145°/60°x120°	620x115x144	Philip 3030
LHB/150/*/**/***	150	130	30°60°90°/30°x70°/60°x90°/65°x145°/60°x120°	887x115x144	Philip 3030
LHB/200/*/**/***	200	130	30°60°90°/30°x70°/60°x90°/65°x145°/60°x120°	1154x115x144	Philip 3030
LHB/300/*/**/***	250	130	30°60°90°/30°x70°/60°x90°/65°x145°/60°x120°	1421x115x144	Philip 3030
LHB/400/*/**	300	130	30°60°90°/30°x70°/60°x90°/65°x145°/60°x120°	947x230x173	Philip 3030

Colour Temperature: 2200-3000K (02) / 4000K (04) / 6000K (06)



TECHNICAL DATA | TYPE D

MODEL No.:	POWER (W)	LUMEN (lm/W)	BEAM ANGLE	SIZE TYPE D (mm)	LED TYPE
LHB/50/*/**/***	50	130	30°45°90°120°/30°x70°/90°x120°	300x140x112	Philip 3030
LHB/100/*/**/***	100	130	30°45°90°120°/30°x70°/90°x120°	600x140x112	Philip 3030
LHB/150/*/**/***	150	130	30°45°90°120°/30°x70°/90°x120°	900x140x112	Philip 3030
LHB/200/*/**/***	200	130	30°45°90°120°/30°x70°/90°x120°	1200x140x112	Philip 3030
LHB/250/*/**/***	300	130	30°45°90°120°/30°x70°/90°x120°	900x300x120	Philip 3030

TECHNICAL DATA | Honey Comb



MODEL No.:	POWER (W)	LUMEN (lm/W)	BEAM ANGLE	SIZE (mm)	LED TYPE
LHB/100/*/**/***	100	140	60°90°120°/60°x90°	623x138x104	2835
LHB/120/*/**/***	120	140	60°90°120°/60°x90°	923x138x104	2835
LHB/150/*/**/***	150	140	60°90°120°/60°x90°	923x138x104	2835
LHB/200/*/**/***	200	140	60°90°120°/60°x90°	1223x138x104	2835

Linear Highbay

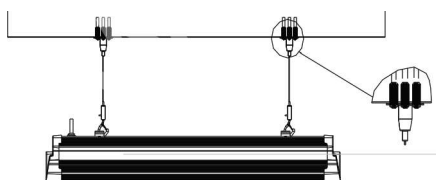
MECHANICAL DATA

Lamp Description:	Philips 3030 Hongli 2835					
Operating Temperature:	-20°C ~ 50°C					
Housing Material:	Aluminium					
Lens Material:	PC					
Housing Finish:	Black/Silver/White (RED/BLUE)					
IP Rating:	IP65					
Mounting Configuration:	Suspended/Surface					
Glare Rate:	UGR 22					
Type A Sizes:	353x115x144	620x115x144	887x115x144	1154x115x144	1421x115x144	947x230x173
Wattage:	50W	100W	150W	200W	250W	300W
Type D Sizes:	300x140x112	600x140x112	900x140x112	1200x140x112	900x300x120	
Wattage:	50W	100W	150W	200W	300W	

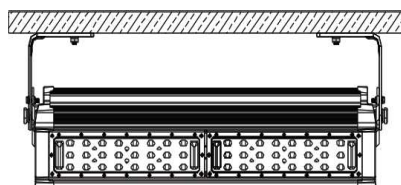
ELECTRICAL DATA

FEATURES		
Driver:	Turefull Meanwell	EMC Applicable
Electrical Class:	Class 1	Motion Sensor
Nominal Voltage Range:	100 - 277 VAC	DALI Control
Power Factor:	>0.95	1-10V Control
THD:	12%	Triac Dimmable
Surge Protection:	Standard 1000V- Optional 3000V	Stainless and Mild Steel Mount Bracket
Battery Backup:	20% 30 - 90 Minutes	
Photocell:	External	
Cable Entry:	Side	

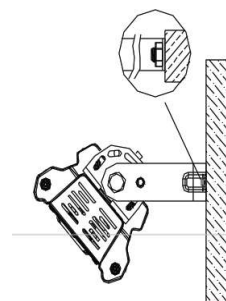
SENSOR PARAMETERS



Suspended

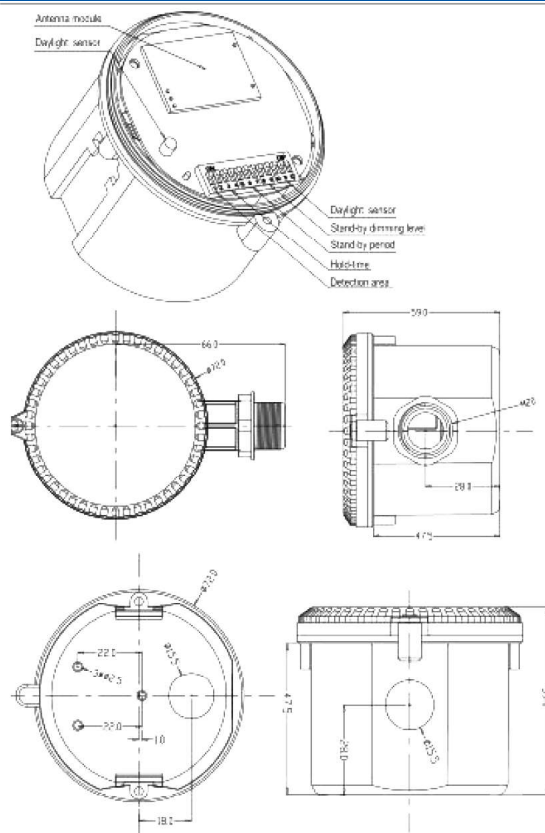


Surface



Wall

Linear Highbay

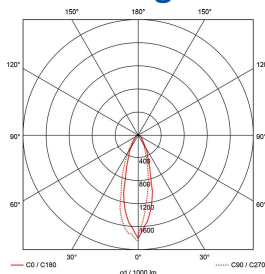


SENSOR PARAMETERS

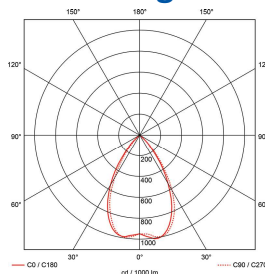
Operating voltage	120~277Vac, 50Hz/60Hz
Rated load	400W@120Vac, 800W@220-277Vac (inductive) 800W@120Vac, 1200W@220-277Vac (resistive)
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.8W(standby), <1.5W(operation)
Detection zone	Max.(D x H): 16m x 15m
Detection sensitivity	100% / 50%
Hold time	5s / 30s / 90s / 3min / 20min / 30min
Daylight sensor	50lux / 100lux / 200lux / Disable
Stand-by period	5s / 5min / 10min / 30min / 1h / +∞
Stand-by dimming level	10% / 20% / 30% / 50%
Mounting height	15m Max.
Motion detection	0.5~3m/s
Detection angle	150°(wall installation), 360°(ceiling installation)
Operating temperature	-35℃~70℃

ILLUMINATION DATA

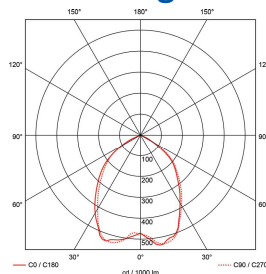
30 Degree



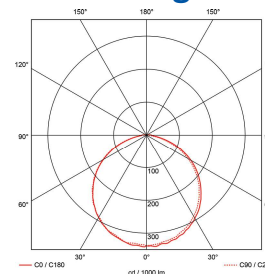
60 Degree



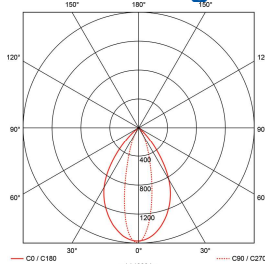
90 Degree



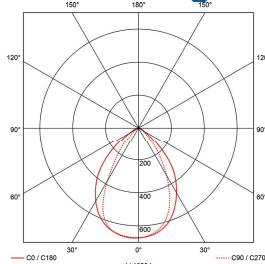
120 Degree



30x70 Degree



60x90 Degree



60x100 Degree

