

# ALPHA ATX

## CORE HIGHBAY



The all new Australian Made Alpha ATX Core High Bay range is designed to replace conventional high bay lighting such as metal halide or induction lighting used in indoor and outdoor applications. The Alpha ATX Core High Bay offers the highest efficacy in its class in order to maximise energy savings over the warranted lifetime.



### SPECIFICATIONS

<b>LED</b>	<b>7YR</b>	<b>UP TO 26,200 LUMENS</b>	<b>5000K 4000K 3000K</b>	<b>75CRI</b>	<b>172 lm/W</b>	<b>FOOD GRADE</b>	<b>L80 &gt;120,000HRS</b>	<b>IP66</b>
SUPERIOR LIGHT	WARRANTY	HIGH LIGHT OUTPUT	COLOUR TEMPERATURE	COLOUR RENDERING INDEX	HIGH EFFICACY	SUITABLE FOR FOOD APPLICATION	REPORTED LED LIFETIME	INGRESS PROTECTION

PRODUCT CODE	ATX-165DA	ATX-165	ATX-125	ATX-90
NOMINAL POWER	165W	165W	125W	90W
LINE CURRENT (230 VAC)	0.76A	0.76A	0.57A	0.41A
INRUSH CURRENT	COLD START 65A ( $t_{width} = 425 \mu s$ measured at 50% $I_{peak}$ ) at 230VAC; Per NEMA 410			
VOLTAGE RANGE	100 - 305 VAC 50 - 60Hz			
POWER FACTOR	>0.95			
OPERATING TEMPERATURE	-40°C to 50°C			
GROSS WEIGHT	8.8KG			
NET WEIGHT	6.9KG			
BOX DIMENSIONS	350 x 350 x 445MM			
POWER CABLE	3M SILICONE CABLE WITH 3-PIN AU MAINS PLUG			
IP RATING	IP66			
WARRANTY PERIOD	5 years	7 years		
LIGHTING CONTROL	1-10V, PWM, DALI	FIXED OUTPUT (CAN BE CUSTOMISED ON REQUEST)		

MODEL	ACCESSORY CONFIGURATION	CLEAR LENS			DIFFUSE LENS		
		5000K 70CRI	4000K 80CRI	3000K 80CRI	5000K 70CRI	4000K 80CRI	3000K 80CRI
ATX-90	FLUX (LM)	15,500	14,200	13,550	14,950	13,700	13,100
	EFFICACY (LM/W)	172	158	151	166	153	146
ATX-125	FLUX (LM)	20,650	18,900	18,050	19,950	18,250	17,450
	EFFICACY (LM/W)	165	151	144	160	146	140
ATX-165	FLUX (LM)	26,200	24,000	22,900	25,300	23,200	22,100
	EFFICACY (LM/W)	158	145	138	153	141	134
ATX-165DA	FLUX (LM)	25,200	23,100	22,050	24,350	22,300	21,300
	EFFICACY (LM/W)	153	140	134	148	135	129
CONFIGURATION CODE		50	40	30	50-D	40-D	30-D

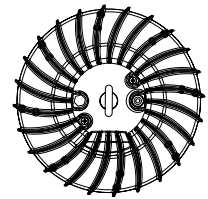
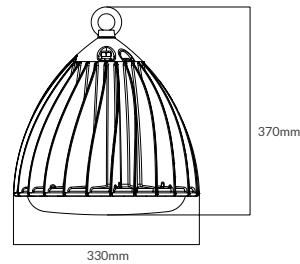
# ALPHA ATX

## CORE HIGHBAY



### MECHANICAL SPECIFICATION

- Housing manufactured from low copper die-cast passivated aluminium with an epoxy powder coat protective finish
- 304 stainless steel fixings
- Extreme temperature resistant silicone cable suitable for use in cold store and freezer applications
- Designed for food grade compliance



### LED RELIABILITY

- Mid power 3030 2D LEDs tested and certified to IES LM-80:2008
- Reported LED lifetime certified to IES TM-21:2011 for L90 > 54,000hrs at 50°C ambient temperature

MODEL	PROJECTED TM-21 LIFETIME @ 50°C AMBIENT TEMPERATURE (HRS)		
	L70	L80	L90
ALPHAV2-90	205,900	130,100	63,300
ALPHAV2-125	200,200	126,500	61,500
ALPHAV2-165	193,500	121,700	59,400
ALPHAV2-165DA	195,800	123,700	60,100

### CERTIFICATIONS

EN 60598-1:2015	General requirements for luminaires
EN 60598-2-1:1989	Particular requirements of luminaires
EN 62471:2008	Photobiological safety of lamps and lamp systems
EN 62493:2015	Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 55015:2013 + A1:2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61547:2009	Equipment for general lighting purposes. EMC immunity requirements
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) Part 3-2: Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).
EN 61000-3-3:2013	Electromagnetic compatibility (EMC) Part 3-3: Limitation of voltage supply systems for equipment with rated current ≤ 16A

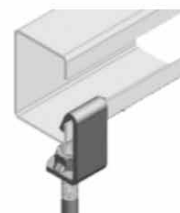
### MOUNTING OPTIONS



MOUNTING EYE



CEILING PLATE



EZYSTRUT THREADED ROD