

astech

ALBERT SMITH TECHNOLOGIES

Features

- Patented “Independent Pixel Heat Sink” resulting in unrivalled heat dissipation
- Replaceable LED plate for easy maintenance
- Easily accessible high efficiency power supply
- Customizable lens distribution & color temperature depending on application requirements (optional)
- Unique lightweight aluminum housing design
- Electro-statically applied polyester powder coat finish
- IP65 weather protection
- Highly efficient global brand LEDs for exceptional quality, reliability and lumen maintenance



Optical Performance

- Color temperature: 4000K, 5000K
- IESNA types IIM, IIS, III, V
- Customizable beam pattern

Electrical Specifications

- Power input: 120-277 VAC 50/60Hz
- Power factor: ≥90%
- THD <20% at full load
- 0-100% dimming control(optional)
- 347 VAC (optional)

Test & Certifications

- ETL certified
- UL standard 1598 & 8750 and 1012
- CSA C22.2 No.107.1 and No.250.0
- LM79, LM80
- RoHS compliant (optional)



Conventional 250 W HPS

Cobra Head LED 120W



LED Performance Specifications

400mA Fixture Operating at 25°C

Lens Type	Model(Leds)	Initial Delivered Lumens – Nominal@4000K	Initial Delivered Lumens – Nominal@5000K	System Watts 120-277V	Total Current @ 120V	Rating			Model(Leds)	Initial Delivered Lumens – Nominal@4000K	Initial Delivered Lumens – Nominal@5000K	System Watts 120-277V	Total Current @ 120V	Rating			Compares with (approx. only)	
						B	U	G						B	U	G		
N18	C0830-50W(40leds)	4377	4864	53	0.45	3	1	1	C0830-100W (80leds)	8730	9700	106	0.87	3	2	2	70W MH	150W MH
	C0830-80W(60leds)	6523	7248	80	0.66	3	2	2	C0830-160W(120leds)	13029	14477	160	1.31	4	3	2	100W MH	250W MH
N27	C0830-50W(40leds)	4338	4820	53	0.44	1	1	1	C0830-100W (80leds)	8648	9608	106	0.87	2	2	2	70W MH	150W MH
	C0830-80W(60leds)	6488	7210	80	0.66	2	2	2	C0830-160W(120leds)	12955	14394	160	1.32	3	3	3	100W MH	250W MH
N31	C0830-50W(40leds)	4341	4823	53	0.44	1	1	1	C0830-100W (80leds)	8663	9625	106	0.87	2	2	2	70W MH	150W MH
	C0830-80W(60leds)	6469	7187	80	0.66	2	1	2	C0830-160W(120leds)	12996	14440	160	1.32	3	2	3	100W MH	250W MH
N34	C0830-50W(40leds)	4365	4850	53	0.45	1	1	1	C0830-100W (80leds)	8672	9636	106	0.87	2	2	2	70W MH	150W MH
	C0830-80W(60leds)	6495	7216	80	0.66	2	1	2	C0830-160W(120leds)	12964	14405	160	1.32	3	2	3	100W MH	250W MH

ASTECH (a Division of the Albert Smith Group)

59 Taylor St Bulimba Qld 4171, Ph. 07 33959888 FX. 07 38910713

EMAIL: enquiries@asgroup.com.au WEB: www.albertsmithgroup.com.au

ABN. 42345973910