

Catalog Number	
Notes	Type

HET

Explosion Proof LED Linear with Emergency Backup



FEATURES

- High Lumen output up to 115 Lm/W
- Shock and Vibration resistant
- Mounting: Wall/ceiling and drop brackets
- Emergency 90 minute backup (UL924)
- Light weight compact design

INTENDED USE

The HET is designed and listed for CI D1 explosion, hazardous, marine and wet locations. This product is ideal for retrofitting High Pressure Sodium (HPS) and Metal Halide (MH) fixtures for increased energy savings and maintenance.

CONSTRUCTION

- Copper-free aluminum housing
- Borosilicate glass tubes
- Powder coat black
- All exposed fasteners are stainless steel
- Thermal shock and impact resistant glass lens
- 1/2" NPT Hubs
- Weights:
 - P1/P2 (2 row, 2'): 28 lbs.
 - P3/P4 (2 row, 4'): 40 lbs.
 - P5/P6 (3 row, 4'): 45 lbs.
 - P7/P8 (4 row, 4'): 80 lbs.

ELECTRICAL

- 120-277VAC, 347VAC, 480VAC
- 10Kv surge protector built in - Standard
- 24 hour charge time for EM option battery backup
- 6 inch, 3-wire pigtail
- 0-10V dimming driver is standard, dims to 10%

LISTINGS

- UL844 / CSA-C22.2 No.137 (Hazardous)
 - CI D1 Grps C,D
 - CI D2 Grps A,B,C,D
 - CII D1, Grps E,F,G
 - CII D2, Grps E,F,G
 - CIII
 - Simultaneous Presence
 - Zone 1, Grp IIA and IIB
 - Paint Spray Listed
 - T-Code: C1 D1 =T6 (refer to table on page 2)

LISTINGS (cont.)

- -20°C to 40°C Ambient
- RH Ambient Humidity 10% to 90%
- UL1598 / CSA-C22.2 No.250 (Wet/Damp)
- UL1598A (Marine Outside)
- UL924 (Battery Backup)-optional
- Lumen Maintenance (L70) >60,000 hrs. (reported)

OPTICAL

- CRI >90
- Two available CCT: 4000K and 5000K
- Borosilicate glass tubes
- Diffused polycarbonate shield available

Warranty

5-year limited warranty on the fixture. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

The product images shown are for illustration purposes only and may not be an exact representation of the product.

Specifications subject to change without notice.

ORDERING INFORMATION

Example: HET P1 MV 4K FP V9 WG

Series	LED Performance Package	Voltage	Color Temperature	Lens	Shroud	Options
HET ‡	P1 2,770 nominal Lumens, 24W	MV Multiple voltage (120V - 277V)	4K 4000K CCT	NO Clear glass lens	V9 Vented ‡	EM Emergency battery backup ‡
	P2 3,920 nominal Lumens, 34W		5K 5000K CCT	FP Diffused poly lens	E9 Enclosed	WM Wall / ceiling mount for row fixtures only (P7, P8). ‡
	P3 5,670 nominal Lumens, 43W	HV 347/480V				PY Polycarb shield ‡
	P4 8,020 nominal Lumens, 64W					WG Wire guard
	P5 9,400 nominal Lumens, 73W					
	P6 11,060 nominal Lumens, 86W					
	P7 11,350 nominal Lumens, 87W					
	P8 16,050 nominal Lumens, 128W					

NOTE: ‡ indicates option chosen has ordering restrictions. Options are sorted alphanumerically.

Accessories: Order as separate catalog number.	
HETPS22	polycarbonate shield for 2' x 2 row
HETPS42	polycarbonate shield for 4' x 2 row
HETPS43	polycarbonate shield for 4' x 3 row
HETPS44	polycarbonate shield for 4' x 4 row
HETWG22	wire guard for 2' x 2 row
HETWG42	wire guard for 4' x 2 row
HETWG43	wire guard for 4' x 3 row
HETWG44	wire guard for 4' x 4 row
HETWCM23	wall/ceiling kit for 2 or 3 row fixtures
HETDMK23	drop mount kit for 2 or 3 row fixtures
HETDMK4	drop mount kit for 4 row fixtures

‡ Option Value Ordering Restrictions & Notes	
Option value	Restriction
EM	Only available when MV option is selected with either P3 or P4 options
HET	0-10V Dimming driver is standard. Dimming leads will be capped inside the end chamber opposite from the chamber where the power leads are located.
PY	Not available with V9, vented shroud.
V9	Not available with PY, polycarb shields.
WM	This option is only valid for row fixtures only (P7, P8). All other packages P1-P6 can select a mounting kit accessory such as HETWCM23 or HETDMK23

Performance

Source	Length / Rows	Input Current (A)		Wattage	CCT	Lumen Output* (Lm)	
		Voltage (VAC) 120-277	Voltage (VAC) 277-480			Clear**	Diffused**
P1	2 Ft. - 2 Row	.20 - .09	.09 - .05	24	4,000K & 5,000K	2,770	2,470
P2		.28 - .12	.12 - .07	34		3,920	3,500
P3	4 Ft. - 2 Row	.36 - .16	.16 - .09	43		5,670	5,070
P4		.53 - .23	.23 - .13	64		8,020	7,160
P5	4 Ft. - 3 Row	.57 - .25	.25 - .14	68		9,400	8,390
P6		.67 - .29	.29 - .17	80		11,060	9,870
P7	4 Ft. - 4 Row	.73 - .31	.31 - .18	87		11,350	10,130
P8		1.07 - .46	.46 - .27	128		16,050	14,330

*Nominal values
**Same for both CCTs

Operating Temperature Codes (40° C Ambient)					
CI D1	CI D2	CII D1	CII D2	CIII	CI & CII Simultaneous Presence
T6=85°C	T6=85°C	T4=135°C	T4=135°C	T4=135°C	T4=135°C

Emergency Lumen Output

LED Performance Package	Voltage	Lens	Lumen Output
P3 or P4	MV	NO	2,330
P3 or P4	MV	FP	2,100

NOTE 1: Both tubes are illuminated when unit operates in emergency power (battery) mode.
NOTE 2: Push to test button and charging status indicator lamp are visible from the front of unit when equipped with EM option.

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DIMENSIONS

