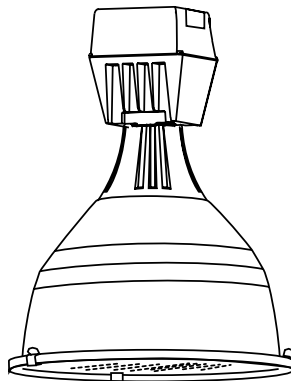


Industrial

HCE high bay

Aluminum reflector
210–315W PSMH



Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

The Day-Brite / CFI HCE high bay features an enclosed, spun aluminum reflector with a clear tempered glass lens for use in applications requiring enclosed protection.

Ordering guide

Example: HCE210P2T-WEB-ADV A16 16/17BE

Ballast Assembly	Wattage	Lamp Source	Voltage	Ballast Options	Options	Optical	Lens Assembly
HCE		P	—	WEB-ADV —		A16	16/17BE
HCE	210 315	P Pulse Start Ceramic Metal Halide	12 120 2T 208/240/277 34 347 48 480	WEB-ADV Electronic Ballast	CUL UL Listing to meet CSA standards Q Quartz Standby QTD Quartz Time Delay WDF Wired Double Fuse ⁴⁵ WSF Wired Single Fuse ⁴⁶ NFZ Non Food Zone B Socket Position B	A16 Open 16" Aluminum Reflector	16/17BE Bottom Enclosure for A16

Accessories (order separately)

CH Cover Half for Power Hook (use with PB)
 PB Power Box for Power Hook (use with CH)
 HP12-3 3' Hook-Cord-Plug Assembly 120V
 HP25-3 3' Hook-Cord-Plug Assembly 208-240V
 HP27-3 3' Hook-Cord-Plug Assembly 277V
 HP48-3 3' Hook-Cord-Plug Assembly 480V
 HMR Suspension Hook Male
 SCB3 Ballast Retainer Chain 3'
 WGN16/17 Wire Guard
 (Refer to Section 18000 for additional accessories.)

Footnotes

⁴⁵Use with 208, 240, and 480 volt.
⁴⁶Use with 120, 277, and 347 volt.

General Notes

- All accessories are field installed.
- All options factory installed.
- Ballast assembly and optical assembly to be ordered and shipped separately.

WARNING: Refer to and follow the lamp manufacturer's warnings and instructions.

HCE High bay

Aluminum reflector, 210–315W PSMH

Application

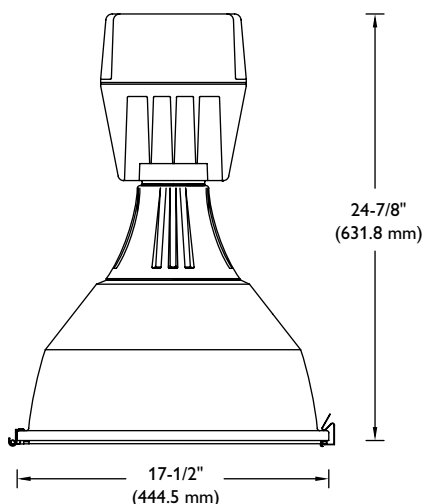
- The HCE high bay features an enclosed, spun aluminum reflector with a clear tempered glass lens for use in applications requiring enclosed protection.

Construction/Finish

- UL 1598 Listed suitable for damp location and 50°C ambient for 315W, 55°C ambient for 210W.
- Advance Electronic Ballast.
- Philips Master Color Elite CDM lamp with 90 CRI.

- 3/4" threaded cast aluminum nut and hub for easy, positive mounting.
- Heavy wall, two piece die cast aluminum housing with white polyester powder finish.
- Die cast aluminum neck provides positive mounting of reflector to ballast assembly.
- Precision spun heavy gauge aluminum reflector with clear anodized finish.
- Hinged door with tempered glass lens.
- Large wiring access with captive retainer screw.

Dimensions



Energy Data

2T Input Watts

210 Watts–229 Watts
315 Watts–343 Watts

Note: For 120V add 15 Watts.

HCE High bay

Aluminum reflector, 210-315W PSMH

315W PSMH

Efficiency – 72.6%

LER – 80

Catalog No.		HCE315P2T-B-A16-16/17BE-C73	Candlepower		Light Distribution				Average Luminance			
Test No.		28103	Angle	Avg. Candela	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross
Wide Spread S/MH		2.0	0	6075	0-30	7139	18.9	26.0	45	76371	76651	81093
Lamp Type		315WCMH	5	6372	0-40	13443	35.6	49.0	55	47599	53671	53683
Lumens/Lamp		37800	10	7041	0-60	23539	62.3	85.8	65	34514	36728	35419
Ballast Factor		1.0	15	7876	0-90	27424	72.6	100.0	75	29999	30237	31107
Input Watts		344	20	8592					85	29147	28128	29774
			25	9094								
			30	9848								
			35	10222								
			40	9634								
			45	8081								
			50	6021								
			55	4338								
			60	3100								
			65	2200								
			70	1590								
			75	1154								
			80	778								
			85	370								

Comparative yearly lighting energy cost per 1000 lumens – **\$3.75** based on 3000 hrs. and \$.08 pwr KWH.

The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Coefficients of Utilization														
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)														
Ceil	80				70				50					
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10
RCR														
0	86	86	86	86	84	84	84	84	81	81	81	77	77	77
1	79	76	73	71	78	75	72	70	72	69	67	69	67	65
2	73	67	62	59	71	66	61	58	63	60	57	61	58	55
3	67	59	54	49	65	58	53	49	56	52	48	54	50	47
4	61	53	47	42	59	52	46	42	50	45	41	48	44	40
5	56	47	41	36	55	46	40	36	45	39	35	43	39	35
6	52	42	36	31	50	42	36	31	40	35	31	39	34	31
7	48	38	32	28	47	38	32	27	37	31	27	35	31	27
8	44	35	29	24	43	34	28	24	33	28	24	32	28	24
9	41	32	26	22	40	31	26	22	30	25	22	30	25	21
10	39	29	23	20	38	29	23	19	28	23	19	27	23	19

ADDITIONAL TEST NUMBERS

HCE315P2T-WEB-ADV-B-A16-16/17BE – 27977



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

