

## PRODUCT SPECIFICATIONS

### Electrical

**Ballast:** Universal 120/277 Volt electronic solid state (see ordering information below for details), high power factor and reliable starting to -30°C  
**Lamp Holder:** Medium base heavy duty 4kv porcelain socket with nickel plated brass screw shell

### Mechanical

**Adjustability:** Yoke assembly provides 355° rotation and up to 45° tilt of lamp

**Housing:** Heavy gauge cold rolled steel with white or black finish

• Universal housing design installs in suspended grid, plaster or drywall

**Mounting Bracket:** Mounting brackets have 3" vertical adjustment and accept proprietary Tru-Lock bar hangers, 1 1/2" C-channel and flat linear bars (ordered as accessories) or 1/2" EMT, 3/4" and 1 1/2" lathing channel (by others)

**Trim:** All units are furnished with a heavy gauge white baked enamel trim

### Labels and Listings

UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Product specifications subject to change without notice.

## DESIGNER COVE™ PAR30/38 METAL HALIDE

OPEN APERTURE with White Trim Flange

39W, 70W PAR30

**DC301, DC302, DC303**

70W, 100W PAR38

**DC381, DC382, DC383**

ELECTRONIC BALLAST

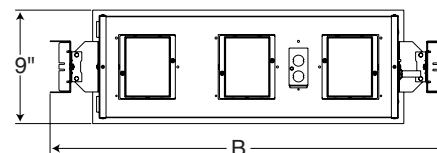
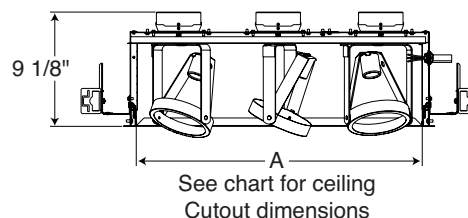
Type	Cat. No.
_____	_____
_____	_____
Project: _____	
Notes: _____	

# of Lamps	Ceiling Cutout	A	B
3	23 3/4" x 8 1/4"	23 5/8"	31 1/2"
2	15 7/8 x 8 1/4"	15 3/4"	23 5/8"
1	8 1/4" x 8 1/4"	8 1/8"	16"

## ENGINEERING DATA

Voltage	120V-HPF			277V-HPF			347V-HPF Canada			
	Lamp Wattage	39E	70E	100E	39E	70E	100E	39E	70E	100E
Total input power	44W	78W	110W	44W	78W	110W	45W	78W	110W	
Operating AMPS	0.37	0.67	0.94	0.17	0.29	0.42	0.14	0.23	0.32	
ANSI Code	M130	M143	M140	M130	M143	M140	M130	M143	M140	
		M98	M90		M98	M90		M98	M90	

## DIMENSIONS



## ORDERING INFORMATION: Rough-in, reflector and accessories each ordered separately.

Example: **DC301-39EMH-BL-120F**

Fixture #	Wattage/Lamp	Finish	Options
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>DC301</b> 1-Lamp unit; PAR30	<b>39EMH</b> 39W, PAR30 Metal Halide	<b>WH</b> White <b>BL</b> Black	† <b>347</b> 347 Volt *** <b>F</b> Fuse and Fuse Holder (Where *** = voltage)
<b>DC302</b> 2-Lamp unit; PAR30	<b>70EMH</b> 70W, PAR30 Metal Halide		† <b>CP</b> Chicago Plenum
<b>DC303</b> 3-Lamp unit; PAR30	<b>100EMH</b> 100W, PAR30 Metal Halide		
<b>DC381</b> 1-Lamp unit; PAR38	<b>70EMH</b> 70W, PAR38 Metal Halide		
<b>DC382</b> 2-Lamp unit; PAR38	<b>100EMH</b> 100W, PAR38 Metal Halide		
<b>DC383</b> 3-Lamp unit; PAR38	<b>100EMH</b> 100W, PAR38 Metal Halide		

Example: **HB-TL**

Accessories	
<input type="text"/>	
<b>HB-TL</b>	25" Tru-Lock grid ceiling bar hangers, Pair
<b>HB-52</b>	52" C-Channel Bar Hangers, Pair
<b>HB-28</b>	28" C-Channel Bar Hangers, Pair
<b>LB-27</b>	27" Linear Bar Hangers, Pair

ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

† Consult Factory for Availability

02/17 Rev.1



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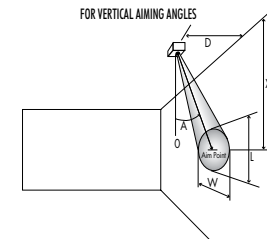
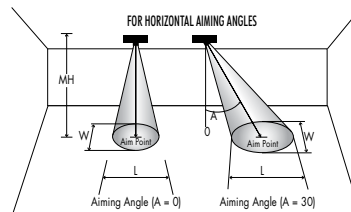
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OPEN APERTURE with White Trim Flange

39W, 70W PAR30; 70W, 100W PAR38

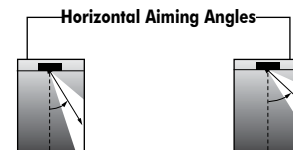
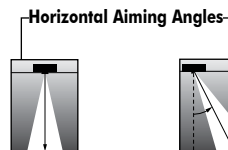
**DC301, DC302, DC303, DC381, DC382, DC383**

ELECTRONIC BALLAST



**CBCP** • Centerbeam candlepower  
**FC** • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Lamp	Beam Type	Beam Spread°	Rated Life	CBCP	0°		30°			30°			45°							
					MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
39W PAR30L Ceramic Arc Metal Halide	SP	10°	9000	44000	10	440	1.7	1.7	286	2.3	2.0	5	220	8.7	3.6	1.7	622	5.0	1.8	1.2
					12	306	2.1	2.1	198	2.8	2.4	6	153	10.4	4.3	2.1	432	6.0	2.1	1.5
					14	224	2.4	2.4	146	3.3	2.8	7	112	12.1	5.0	2.4	317	7.0	2.5	1.7
	FL	30°	9000	7400	8	116	4.3	4.3	75	5.9	5.0	3	103	5.2	8.2	3.2	291	3.0	3.5	2.3
					10	74	5.4	5.4	48	7.3	6.2	4	58	6.9	10.9	4.3	164	4.0	4.6	3.0
					12	51	6.4	6.4	33	8.8	7.4	5	37	8.7	13.7	5.4	105	5.0	5.8	3.8
14	38	7.5	7.5	25	10.2	8.7	6	26	10.4	16.4	6.4	73	6.0	6.9	4.5					
70W PAR30L Ceramic Arc Metal Halide	SP	10°	9000	68000	12	472	2.1	2.1	307	2.8	2.4	5	340	8.7	3.6	1.7	962	5.0	1.8	1.2
					14	347	2.4	2.4	225	3.3	2.8	6	236	10.4	4.3	2.1	668	6.0	2.1	1.5
					16	266	2.8	2.8	173	3.7	3.2	7	173	12.1	5.0	2.4	491	7.0	2.5	1.7
	FL	40°	9000	10000	8	156	5.8	5.8	101	8.1	6.7	3	139	5.2	14.5	4.4	393	3.0	5.0	3.1
					10	100	7.3	7.3	65	10.2	8.4	4	78	6.9	19.3	5.8	221	4.0	6.7	4.1
					12	69	8.7	8.7	45	12.2	10.1	5	50	8.7	24.2	7.3	141	5.0	8.4	5.1
14	51	10.2	10.2	33	14.2	11.8	6	35	10.4	**	8.7	98	6.0	10.1	6.2					
70W PAR38 Ceramic Arc Metal Halide	SP	15°	10000	50000	12	347	3.2	3.2	226	4.2	3.6	5	250	8.7	5.6	2.6	707	5.0	2.7	1.9
					14	255	3.7	3.7	166	4.9	4.3	6	174	10.4	6.7	3.2	491	6.0	3.2	2.2
					16	195	4.2	4.2	127	5.6	4.9	7	128	12.1	7.8	3.7	361	7.0	3.8	2.6
	WFL	60°	10000	5000	8	78	9.2	9.2	51	13.9	10.7	2	156	3.5	**	4.6	442	2.0	6.9	3.3
					10	50	11.5	11.5	32	17.3	13.3	3	69	5.2	**	6.9	196	3.0	10.4	4.9
					12	35	13.9	13.9	23	20.8	16.0	4	39	6.9	**	9.2	110	4.0	13.9	6.5
14	26	16.2	16.2	17	24.2	18.7	5	25	8.7	**	11.5	71	5.0	17.3	8.2					
100W PAR38 Ceramic Arc Metal Halide	SP	15°	12500	70000	14	357	3.7	3.7	232	4.9	4.3	8	137	13.9	8.9	4.2	387	8.0	4.3	3.0
					18	216	4.7	4.7	140	6.4	5.5	10	88	17.3	11.1	5.3	247	10.0	5.4	3.7
					22	145	5.8	5.8	94	7.8	6.7	12	61	20.8	13.3	6.3	172	12.0	6.4	4.5
	WFL	60°	12500	7000	26	104	6.8	6.8	67	9.2	7.9	16	34	**	17.8	8.4	97	16.0	8.6	6.0
					8	109	9.2	9.2	71	13.9	10.7	2	219	3.5	**	4.6	619	2.0	6.9	3.3
					10	70	11.5	11.5	45	17.3	13.3	3	97	5.2	**	6.9	275	3.0	10.4	4.9
12	49	13.9	13.9	32	20.8	16.0	4	55	6.9	**	9.2	155	4.0	13.9	6.5					
14	36	16.2	16.2	23	24.2	18.7	5	35	8.7	**	11.5	99	5.0	17.3	8.2					

The beam spread in degrees and the beam "L" and "W" in the above tables are computed at 50% of centerbeam candlepower and represent areas of "effective illumination."

\*\*Due to steep aiming angle, length of beam extends beyond 25'.