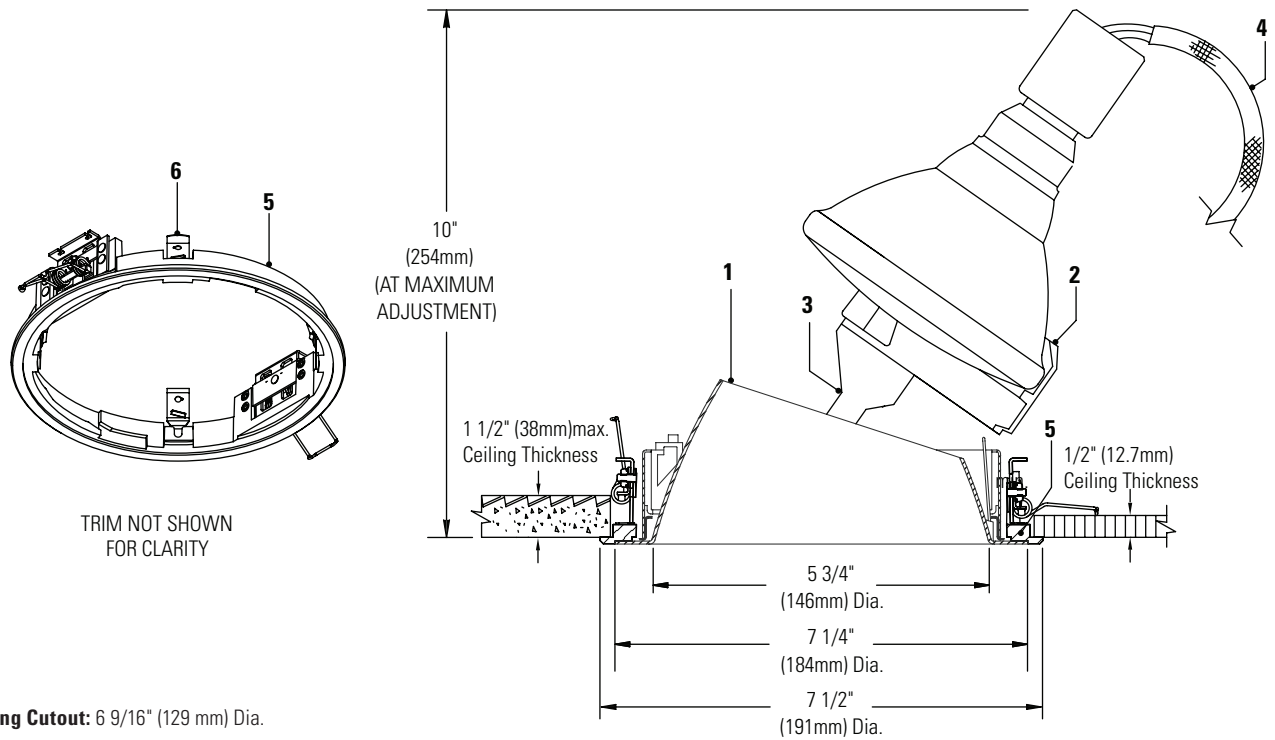


# LIGHTOLIER® Calculite® HID Downlight C6P38MHAEXP



Ceiling Cutout: 6 9/16" (129 mm) Dia.

**Ordering Information**

Reflector Trim	Installation Ring	Gear Harness	Lamp Data
C6P38MHACCDPEXP Etched glass with matching flange	C6XRMM	BKMHPU70	CDM-R PAR38 70W Max

**Features**

- 1. Reflector Trim:** Low brightness, anodized aluminum with integral flange polished to match inside of cone.
- 2. Lamp Holder Assembly:** Unitized optics insure alignment of lamp and aperture cone. Integral C-shaped media holder accepts up to two 4 3/4" dia. media.
- 3. Trim Adjustment Mechanism:** Provides 40° vertical tilt, 360° + horizontal rotation; lockable. EZ-Aim Helical Drive System provides fast and accurate hot aiming with Philips screwdriver.
- 4. Gear Harness:** Electronic metal halide ballast with lamp socket and wiring harness. ORDER SEPARATELY. See separate specification sheet for details.
- 5. Installation Ring:** Cast aluminum ring is painted matte white and has two 17ga. stainless steel springs that engage in upright position during installation. One touch snap action secures ring in ceiling cutout. ORDER SEPARATELY. See separate specification sheet for details.
- 6. Trim Retention Springs:** Rust resistant springs secure reflector/housing for quick, toolless installation (quantity of 4).

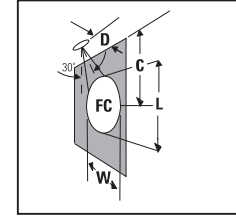
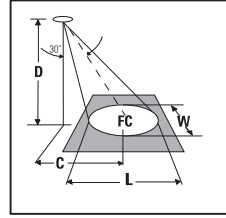
**Certifications and Ratings**



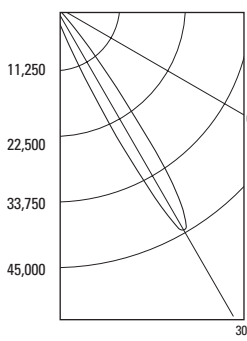
Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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(FC) is initial footcandles at center of beam. Beam length (L) and beam width (W) are to where the candlepower is reduced to 50% of the center beam candlepower. (C) is the distance to the center of the beam.



CANDLEPOWER DISTRIBUTION



**70W PAR38 CERAMIC MH - SPOT**  
 ANGLE WALL  
 0 1337  
 5 1636  
 10 1718  
 15 2789  
 20 6462  
 25 22645  
 30 44477  
 35 28883  
 40 8568  
 45 2013  
 50 459  
 55 59  
 60 0  
 65 0  
 70 0  
 75 0  
 80 0  
 85 0  
 90 0

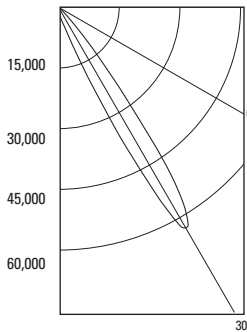
AIMED 30° TOWARD WALL  
 LAMP: 70W PAR38 SP, CERAMIC MH, PHILIPS LUMEN RATING: 4800 LMS.  
 CBCP: 44477  
 BEAM ANGLE: 12  
 AROMAT ELECTRONIC BALLAST  
 DATE: MAR 1, 2004  
 CERTIFIED TEST REPORT NO. 2502FR  
 COMPUTED BY LSI PROGRAM  
 \*\*TEST-LITE\*\*

**30° Aiming Angle Horizontal Surface**

D	C	FC	L	W
6'	3.5'	802	1.7'	1.5'
8'	4.6'	451	2.3'	1.9'
10'	5.8'	289	2.8'	2.4'
12'	6.9'	201	3.4'	2.9'
15'	8.7'	128	4.2'	3.6'

**30° Aiming Angle Vertical Surface**

D	C	FC	L	W
2'	3.5'	1390	1.7'	0.8'
3'	5.2'	618	2.6'	1.3'
4'	6.9'	347	3.5'	1.7'
6'	10.4'	154	5.2'	2.5'
8'	13.9'	87	7.0'	3.4'



**100W PAR38 CERAMIC MH - SPOT**  
 ANGLE WALL  
 0 1811  
 5 2234  
 10 2351  
 15 3868  
 20 9070  
 25 31997  
 30 62926  
 35 40834  
 40 12055  
 45 2768  
 50 567  
 55 0  
 60 0  
 65 0  
 70 0  
 75 0  
 80 0  
 85 0

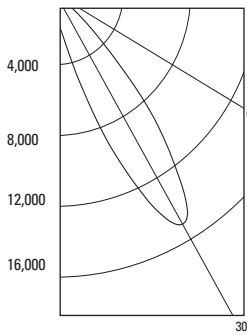
AIMED 30° TOWARD WALL  
 LAMP: 100W PAR38 SP, CERAMIC MH, PHILIPS LUMEN RATING: 4800 LMS.  
 CBCP: 62926  
 BEAM ANGLE: 12  
 AROMAT ELECTRONIC BALLAST  
 DATE: MAR 1, 2004  
 CERTIFIED TEST REPORT NO. 2504FR  
 COMPUTED BY LSI PROGRAM  
 \*\*TEST-LITE\*\*

**30° Aiming Angle Horizontal Surface**

D	C	FC	L	W
8'	4.6'	639	2.3'	1.9'
10'	5.8'	409	2.8'	2.4'
12'	6.9'	284	3.4'	2.9'
15'	8.7'	182	4.2'	3.6'
20'	11.5'	102	5.6'	4.9'

**30° Aiming Angle Vertical Surface**

D	C	FC	L	W
3'	5.2'	874	2.6'	1.3'
4'	6.9'	492	3.5'	1.7'
6'	10.4'	218	5.2'	2.5'
8'	13.9'	123	7.0'	3.4'
12'	20.8'	55	10.4'	5.0'



**70W PAR38 CERAMIC MH - FLOOD**  
 ANGLE WALL  
 0 1437  
 5 1793  
 10 2357  
 15 4573  
 20 8659  
 25 12824  
 30 15018  
 35 12879  
 40 8864  
 45 4172  
 50 1395  
 55 314  
 60 32  
 65 6  
 70 0  
 75 0  
 80 0  
 85 0  
 90 0

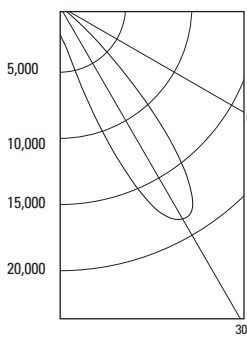
AIMED 30° TOWARD WALL  
 LAMP: 70W PAR38 FL CERAMIC MH, PHILIPS LUMEN RATING: 4800 LMS.  
 CBCP: 15018  
 BEAM ANGLE: 23  
 AROMAT ELECTRONIC BALLAST  
 DATE: MAR 1, 2004  
 CERTIFIED TEST REPORT NO. 2501FR  
 COMPUTED BY LSI PROGRAM  
 \*\*TEST-LITE\*\*

**30° Aiming Angle Horizontal Surface**

D	C	FC	L	W
8'	4.6'	152	4.4'	3.8'
10'	5.8'	98	5.5'	4.7'
12'	6.9'	68	6.6'	5.6'
15'	8.7'	43	8.3'	7.0'
20'	11.5'	24	11.0'	9.4'

**30° Aiming Angle Vertical Surface**

D	C	FC	L	W
3'	5.2'	209	5.6'	2.4'
4'	6.9'	117	7.4'	3.3'
6'	10.4'	52	11.2'	4.9'
8'	13.9'	29	14.9'	6.5'
12'	20.8'	13	22.3'	9.8'



**100W PAR38 CERAMIC MH - FLOOD**  
 ANGLE WALL  
 0 2019  
 5 2563  
 10 3402  
 15 6067  
 20 11329  
 25 16678  
 30 18575  
 35 17427  
 40 12515  
 45 5946  
 50 1594  
 55 235  
 60 22  
 65 0  
 70 0  
 75 0  
 80 0  
 85 0  
 90 0

AIMED 30° TOWARD WALL  
 LAMP: 100W PAR38 FL CERAMIC MH, PHILIPS LUMEN RATING: 6800 LMS.  
 CBCP: 18575  
 BEAM ANGLE: 24  
 AROMAT ELECTRONIC BALLAST  
 DATE: MAR 2, 2004  
 CERTIFIED TEST REPORT NO. 2503FR  
 COMPUTED BY LSI PROGRAM  
 \*\*TEST-LITE\*\*

**30° Aiming Angle Horizontal Surface**

D	C	FC	L	W
8'	4.6'	189	4.6'	3.9'
10'	5.8'	121	5.8'	4.9'
12'	6.9'	84	6.9'	5.9'
15'	8.7'	54	8.6'	7.4'
20'	11.5'	30	11.5'	9.8'

**30° Aiming Angle Vertical Surface**

D	C	FC	L	W
3'	5.2'	258	5.9'	2.6'
4'	6.9'	145	7.9'	3.4'
6'	10.4'	64	11.8'	5.1'
8'	13.9'	36	15.7'	6.8'
12'	20.8'	16	23.6'	10.2'

**Job Information Type:**

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