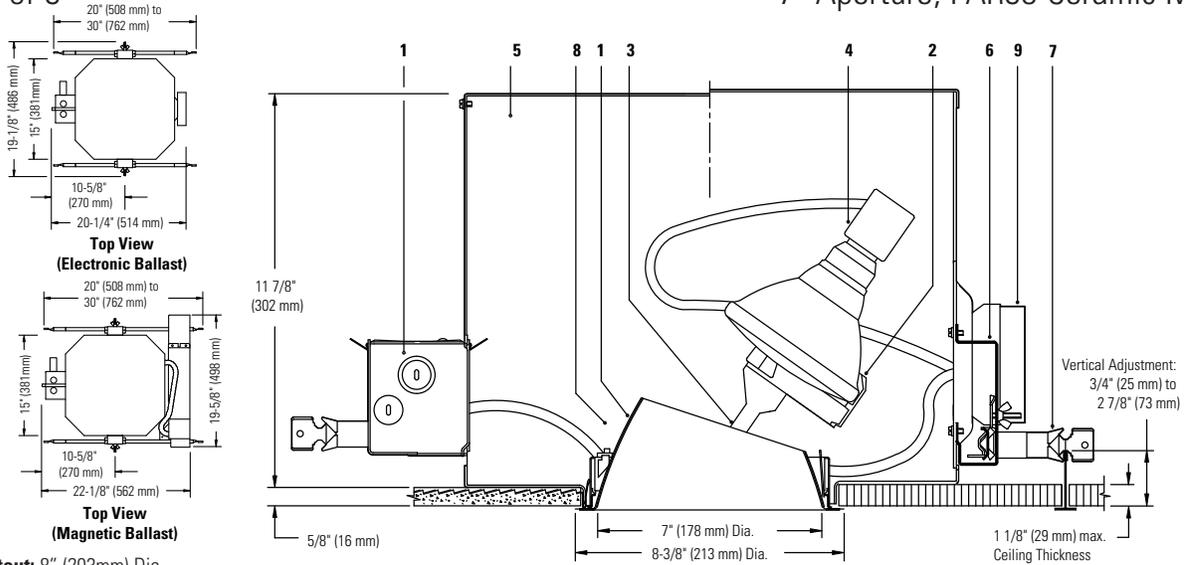




# Calculite® HID Adjustable Accent **C7P38MHA**



Ceiling Cutout: 8" (203mm) Dia.

Reflector Trim	Frame-In Kit	Lamp (Ceramic MH)
<b>C7P38MHA CLW</b> Specular Clear, White Painted Flange.	<b>C7A70P38E1</b> Electronic 120V / <b>C7A70P38E2</b> Electronic 277V	70W PAR38
<b>CLP</b> Specular Clear, Matching Flange.	<b>C7A10P38E1</b> Electronic 120V / <b>C7A10P38E2</b> Electronic 277V	100W PAR38
<b>CCDW</b> Comfort Clear Diffuse, White Painted Flange.	<b>C7A15P38E1</b> Electronic 120V / <b>C7A15P38E2</b> Electronic 277V	150W PAR38
<b>CCDP</b> Comfort Clear Diffuse, Matching Flange.	Magnetic 120V/277V	70W PAR38
<b>CCZW</b> Champagne Bronze, White Painted Flange.	Magnetic 120V/277V	100W PAR38
<b>CCZP</b> Champagne Bronze, Matching Flange.	Magnetic 120V/277V	150W PAR38

## Features

- Reflector Trim:** Low brightness, anodized aluminum with integral flange in painted white or polished to match inside of cone.
- Lamp Holder Assembly:** Unitized optics insure alignment of lamp and aperture cone. Integral C-shaped media holder accepts up to two 4 3/4" media.
- Trim Adjustment Mechanism:** Provides 45° vertical tilt, 360°+ horizontal rotation; lockable. EZ-Aim Helical Drive System provides fast and accurate hot aiming with Philips screwdriver.
- Socket:** Medium base porcelain socket with nickel plated screwshell, pulse rated.
- Frame Housing:** Steel, 0.029" (22-Ga.), matte black finish.
- Frame Vertical Adjustment Mechanism:** Accommodates mounting to virtually any ceiling system using pre-installed mounting bars, or 1/2" EMT tubing (by others). Single locking feature secures all adjustments. Alignment holes and markings allow fixture to be pre-set prior to installation. Final adjustment can be made from below from inside fixture.
- Mounting Bars:** Galvanized steel, 0.048" (18-ga.), pre-installed telescoping bars extend to 30" long and lock securely into position. Built-in locking tabs provide positive attachment to common T-bar systems. Self-centering feature simplifies installation in 24" O.C. grid systems. Attaches to steel or wood joists without accessories.
- Retention Springs:** Rust resistant springs secure trim for quick, tool-less installation.
- Ballast / Cover Assembly:** Accessible from below and removable without tools for inspection and ballast replacement.
- Junction Box:** 0.059" (16-ga.) galvanized steel. UL listed for 8 No. 12 AWG, 90°C through branch circuit conductors. Allows inspection from below.
- Thermal Protector:** (Not Shown) Meets NEC and UL requirements. Do not install insulation above nor within 3" (76mm) of any part of the luminaire.

## Electrical

**Electronic Ballast:** 120V or 277V, 50/60 Hz., enclosed, high power factor, T.H.D. <15%, thermally and transient protected, RMI/RFI complies with FCC part 18 non-consumer limits, shut-down circuit at end of lamp life, sound rating "A", -5° F minimum starting temperature, Type 1 Outdoor rating.

## Electrical (cont.)

Ballast	ANSI Code	Voltage	Max. Amps	Input Watts
70W MH	M98/M143	120/277	0.67/0.28	78
100W MH	M90/M140	120/277	0.90/0.43	110
150W MH	M102	120/277	1.40/0.61	167

**Magnetic Ballast:** 120/277V dual voltage, 60 Hz., enclosed and potted, HX-HPF circuit type, high power factor, sound rating "B", -20° F minimum starting temperature, Type 1 Outdoor rating.

Ballast	ANSI Code	Voltage	Max. Amps	Input Watts
70W MH	M98/M143	120/277	1.90/0.80	94
100W MH	M90/M140	120/277	2.40/1.10	125
150W MH	M102	120/277	3.70/1.60	180

## Options and Accessories

**Fuse** (magnetic ballast): Add suffix **F1** or **F2** to Frame-In Kit (F1=120V, F2=277V).

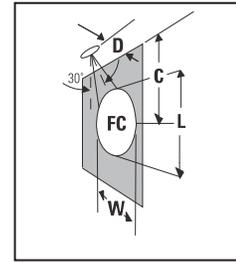
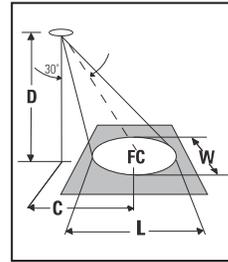
**Chicago Plenum:** Consult Factory.

**Labels:** UL (Suitable For Damp Locations), CSA (magnetic ballast only), I.B.E.W.  
For 150W, install fixtures with minimum spacing: 2 feet from center-to-center of adjacent luminaires; 1/2 inch from top of luminaire to overhead building member; 1 foot from luminaire center to side building member.

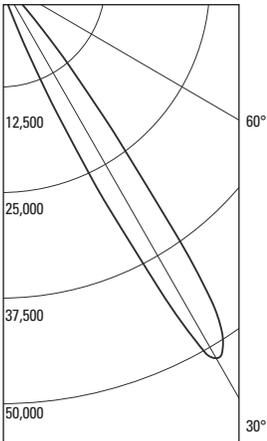
Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	



(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  
 0 591  
 5 494  
 10 777  
 15 1754  
 20 6720  
 25 25893  
 30 51516  
 35 36239  
 40 10746  
 45 2213  
 50 541  
 55 24  
 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: 51516  
 BEAM ANGLE: 12  
 AROMAT ELECTRONIC BALLAST

DATE: FEB 26, 2004  
 CERTIFIED TEST REPORT NO. 2485FR

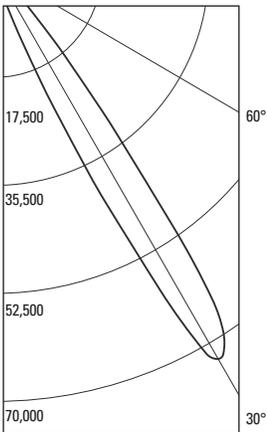
COMPUTED BY LSI PROGRAM  
 \*\*TEST-LITE\*\*

**30° Aiming Angle  
Horizontal Surface**

D	C	FC	L	W
6'	3.5'	929	1.7'	1.5'
8'	4.6'	523	2.3'	1.9'
10'	5.8'	335	2.8'	2.4'
12'	6.9'	232	3.4'	2.9'
15'	8.7'	149	4.2'	3.6'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
2'	3.5'	1610	1.7'	0.8'
3'	5.2'	716	2.6'	1.3'
4'	6.9'	402	3.5'	1.7'
6'	10.4'	179	5.2'	2.5'
8'	13.9'	101	7.0'	3.4'



**100W PAR38 CERAMIC MH - SPOT**

ANGLE WALL  
 0 754  
 5 617  
 10 1017  
 15 2401  
 20 9437  
 25 36599  
 30 72897  
 35 51255  
 40 15140  
 45 3051  
 50 684  
 55 0  
 60 0  
 65 0  
 70 0  
 75 0  
 80 0  
 85 0  
 90 0

AIMED 30°. TOWARD WALL

LAMP: 100W PAR38 CERAMIC MH, PHILIPS  
 LUMEN RATING: 6800 LMS.

CBCP: 72897  
 BEAM ANGLE: 12  
 AROMAT ELECTRONIC BALLAST

DATE: FEB 26, 2004  
 CERTIFIED TEST REPORT NO. 2488FR

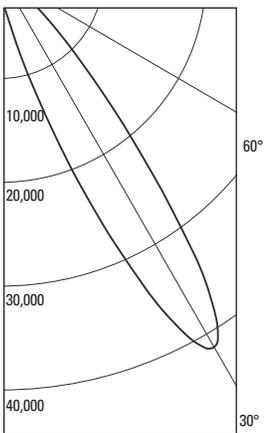
COMPUTED BY LSI PROGRAM  
 \*\*TEST-LITE\*\*

**30° Aiming Angle  
Horizontal Surface**

D	C	FC	L	W
8'	4.6'	740	2.3'	1.9'
10'	5.8'	473	2.8'	2.4'
12'	6.9'	329	3.4'	2.9'
15'	8.7'	210	4.2'	3.6'
20'	11.5'	118	5.6'	4.9'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
3'	5.2'	1012	2.6'	1.3'
4'	6.9'	570	3.5'	1.7'
6'	10.4'	253	5.2'	2.5'
8'	13.9'	142	7.0'	3.4'
12'	20.8'	63	10.4'	5.0'



**150W PAR38 CERAMIC - SPOT**

ANGLE WALL  
 0 2034  
 5 2897  
 10 4305  
 15 9181  
 20 19173  
 25 33229  
 30 41456  
 35 32864  
 40 17863  
 45 8682  
 50 3530  
 55 544  
 60 62  
 65 18  
 70 0  
 75 0  
 80 0  
 85 0  
 90 0

AIMED 30°. TOWARD WALL

LAMP: 150W PAR38 SP CERAMIC MH, SYLVANIA  
 LUMEN RATING: 9100 LMS.

CBCP: 41456  
 BEAM ANGLE: 18  
 AROMAT ELECTRONIC BALLAST

DATE: APR 7, 2004  
 CERTIFIED TEST REPORT NO. 2583FR

COMPUTED BY LSI PROGRAM  
 \*\*TEST-LITE\*\*

**30° Aiming Angle  
Horizontal Surface**

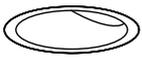
D	C	FC	L	W
8'	4.6'	421	3.4'	2.9'
10'	5.8'	269	4.3'	3.7'
12'	6.9'	187	5.1'	4.4'
15'	8.7'	120	6.4'	5.5'
20'	11.5'	67	8.5'	7.3'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
3'	5.2'	576	4.1'	1.9'
4'	6.9'	324	5.5'	2.5'
6'	10.4'	144	8.2'	3.8'
8'	13.9'	81	11.0'	5.1'
12'	20.8'	36	16.4'	7.6'

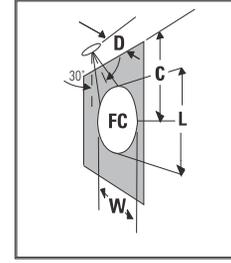
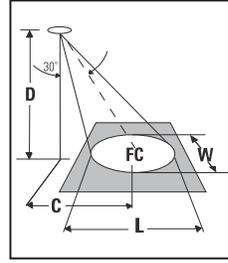
**Job Information** **Type:**

Lightolier a Genlyte company [www.lightolier.com](http://www.lightolier.com)  
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
 We reserve the right to change details of design, materials and finish.  
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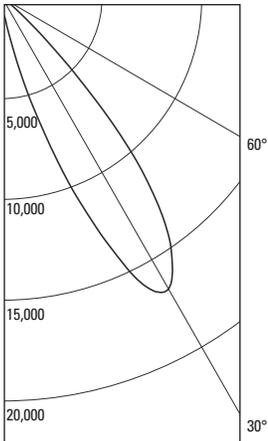


# Calculite® HID Adjustable Accent **C7P38MHA**

(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 - FLOOD**

ANGLE WALL	
0	709
5	847
10	1629
15	4807
20	9810
25	14813
30	16669
35	14611
40	10249
45	4291
50	1058
55	250
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: 16669  
BEAM ANGLE: 23  
AROMAT BALLAST

DATE: FEB 25, 2004  
CERTIFIED TEST REPORT NO. 2486FR

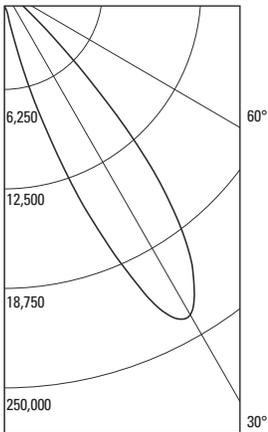
COMPUTED BY LSI PROGRAM  
\*\*TEST-LITE\*\*

**30° Aiming Angle  
Horizontal Surface**

D	C	FC	L	W
6'	3.5'	301	3.3'	2.8'
8'	4.6'	169	4.4'	3.8'
10'	5.8'	108	5.5'	4.7'
12'	6.9'	75	6.6'	5.6'
15'	8.7'	48	8.3'	7.0'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
2'	3.5'	521	3.7'	1.6'
3'	5.2'	232	5.6'	2.4'
4'	6.9'	130	7.4'	3.3'
6'	10.4'	58	11.2'	4.9'
8'	13.9'	33	14.9'	6.5'



**100W PAR38 CERAMIC MH - FLOOD**

ANGLE WALL	
0	981
5	1177
10	2285
15	6787
20	13875
25	20962
30	23592
35	20676
40	14497
45	6056
50	1477
55	332
60	23
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: 23592  
BEAM ANGLE: 23  
AROMAT BALLAST

DATE: FEB 25, 2004  
CERTIFIED TEST REPORT NO. 2487FR

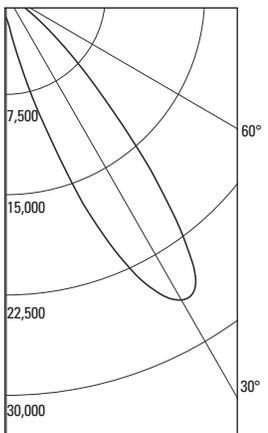
COMPUTED BY LSI PROGRAM  
\*\*TEST-LITE\*\*

**30° Aiming Angle  
Horizontal Surface**

D	C	FC	L	W
8'	4.6'	239	4.4'	3.8'
10'	5.8'	153	5.5'	4.7'
12'	6.9'	106	6.6'	5.6'
15'	8.7'	68	8.3'	7.0'
20'	11.5'	38	11.0'	9.4'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
3'	5.2'	328	5.6'	2.4'
4'	6.9'	184	7.4'	3.3'
6'	10.4'	82	11.2'	4.9'
8'	13.9'	46	14.9'	6.5'
12'	20.8'	20	22.3'	9.8'



**150W PAR38 CERAMIC MH - FLOOD**

ANGLE WALL	
0	1762
5	2391
10	4357
15	8688
20	16112
25	23137
30	26411
35	24532
40	16493
45	8922
50	4288
55	1074
60	17
65	0
70	0
75	0
80	0
85	0
90	0

AIMED 30° TOWARD WALL

LAMP: 150W PAR38 FL CERAMIC MH, SYLVANIA  
LUMEN RATING: 9100 LMS.

CBCP: 26411  
BEAM ANGLE: 24  
AROMAT BALLAST

DATE: APR 6, 2004  
CERTIFIED TEST REPORT NO. 2582FR

COMPUTED BY LSI PROGRAM  
\*\*TEST-LITE\*\*

**30° Aiming Angle  
Horizontal Surface**

D	C	FC	L	W
8'	4.6'	268	4.6'	3.9'
10'	5.8'	172	5.8'	4.9'
12'	6.9'	119	6.9'	5.9'
15'	8.7'	76	8.6'	7.4'
20'	11.5'	43	11.5'	9.8'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
3'	5.2'	367	5.9'	2.6'
4'	6.9'	206	7.9'	3.4'
6'	10.4'	92	11.8'	5.1'
8'	13.9'	52	15.7'	6.8'
12'	20.8'	23	23.6'	10.2'

**Job Information**

**Type:**