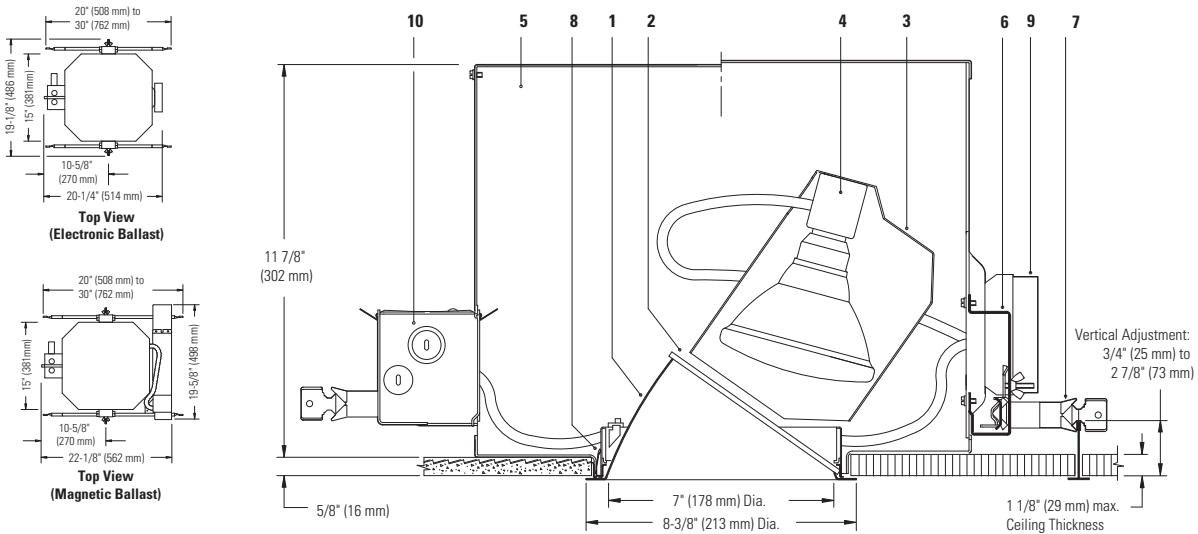


Calculite® HID Lensed Wall Wash C7P38MHL

Page 1 of 2

7" Aperture, PAR38 Ceramic Metal Halide, Lensed



Ceiling Cutout: 8" (203mm) Dia.

Reflector Trim			Frame-In Kit		Lamp (Ceramic MH)	
C7P38MHL	CLW	Specular Clear, White Painted Flange.	C7A70P38E1	Electronic 120V	70W	PAR38 Wide Flood
	CLP	Specular Clear, Matching Flange.	C7A70P38E2	Electronic 277V	70W	PAR38 Wide Flood
	CCDW	Comfort Clear Diffuse, White Painted Flange.	C7A10P38E1	Electronic 120V	100W	PAR38 Wide Flood
	CCDP	Comfort Clear Diffuse, Matching Flange.	C7A10P38E2	Electronic 277V	100W	PAR38 Wide Flood
	CCZW	Champagne Bronze, White Painted Flange.		Magnetic 120V/277V	70W	PAR38 Wide Flood
	CCZP	Champagne Bronze, Matching Flange.		Magnetic 120V/277V	100W	PAR38 Wide Flood

Features

- Reflector Trim:** Low brightness, anodized aluminum integral flange in painted white or polished to match inside of cone.
- Directional Spread Lens:** High temperature, tempered glass. Precisely fits onto cone; replaceable.
- Kick Reflector:** 0.040" (16 ga.) aluminum. Clear anodized "Kick" reflector with directional spread lens distributes light smooth for vertical surface wall washing.
- 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., encased, 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

Magnetic Ballast: 120V/277V Dual Voltage, 60HZ Encased and potted, H8-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

Options and Accessories

Fuse (magnetic ballast): Add suffix **F1** or **F2** to FIK (F1=120V F2=277V)

Chicago Plenum: Consult Factory.

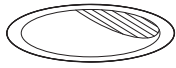
Labels

UL (Suitable for Damp Locations), CSA (magnetic ballast only), I.B.E.W.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Lightolier a Genlyte company
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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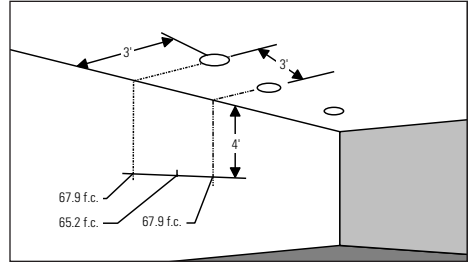
LIGHTOLIER®



Calculite® HID Wall Wash **C7P38MHL**

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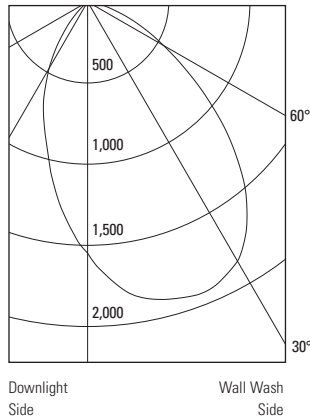
7" Aperture, PAR38 Ceramic Metal Halide, Lensed



Lighting Data - Example
C7P38MHLCLW illumination on the wall 4'
down from the ceiling is 67.9 f.c. beneath
and 65.2 f.c. between fixtures.

CANDLEPOWER DISTRIBUTION

70W PAR38 WIDE FLOOD PHILIPS 3K CERAMIC MH. LUMEN RATING = 4800 LMS., AROMAT ELECTRONIC BALLAST REPORT NO. 2464FR



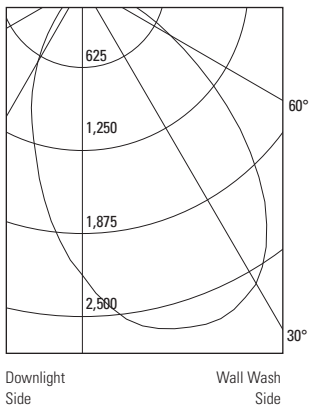
Multiple Units - Footcandles On Wall 3' from Wall - 3' On Center

Distance From Ceiling in Feet	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	26.7	20.9	26.7											
2	62.0	54.0	62.0											
3	75.3	68.3	75.3											
4	67.9	65.2	67.9											
5	55.9	55.1	55.9											
6	44.8	44.4	44.8											
7	36.2	35.9	36.2											
8	29.8	29.6	29.8											
9	25.0	24.9	25.0											
10	21.4	21.3	21.4											
11	18.6	18.6	18.6											
12	16.6	16.5	16.6											
13	15.1	15.0	15.1											
14	14.2	14.1	14.2											

Multiple Units - Footcandles On Wall 4' from Wall - 4' On Center

Distance From Ceiling in Feet	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	10.1	8.2	10.1											
2	25.9	22.2	25.8											
3	38.7	33.8	38.7											
4	43.0	39.1	43.0											
5	40.4	38.5	40.4											
6	35.5	34.7	35.4											
7	30.3	30.0	30.3											
8	25.7	25.5	25.7											
9	21.9	21.8	21.8											
10	18.8	18.7	18.8											
11	16.4	16.4	16.4											
12	14.5	14.4	14.5											
13	13.0	13.0	13.0											
14	12.0	11.9	12.0											

100W PAR38 WIDE FLOOD PHILIPS 3K METAL HALIDE LAMP. LUMEN RATING = 6800 LMS., AROMAT ELECTRONIC BALLAST, REPORT NO. 2465FR



Multiple Units - Footcandles On Wall 3' from Wall - 3' On Center

Distance From Ceiling in Feet	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	36.9	28.7	36.9											
2	87.0	75.7	87.0											
3	106.1	96.2	106.1											
4	95.8	92.0	95.8											
5	78.8	77.7	78.8											
6	63.3	62.6	63.3											
7	51.1	50.6	51.1											
8	42.0	41.8	42.0											
9	35.3	35.1	35.3											
10	30.1	30.0	30.1											
11	26.3	26.2	26.3											
12	23.4	23.3	23.4											
13	21.3	21.2	21.3											
14	20.0	19.9	20.0											

Multiple Units - Footcandles On Wall 4' from Wall - 4' On Center

Distance From Ceiling in Feet	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	13.8	11.1	13.8											
2	36.1	31.0	36.1											
3	54.5	47.4	54.5											
4	60.5	55.1	60.5											
5	57.0	54.4	57.0											
6	50.0	49.0	50.0											
7	42.8	42.4	42.8											
8	36.3	36.0	36.3											
9	30.8	30.7	30.8											
10	26.5	26.5	26.5											
11	23.2	23.1	23.2											
12	20.4	20.4	20.4											
13	18.4	18.3	18.3											
14	16.9	16.9	16.9											

Lighting data above is certified, computed by
LSI Program **Test-Lite**

Job Information

Type:

Lightolier a Genlyte company

www.lightolier.com

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