

**Ceiling Cutout:** 10 1/16" (256mm) Dia.

Reflector Trim	Frame-In Kit	Lamp (Enclosed, Coated)
<b>C9E28W CLW</b> Specular Clear, White Painted Flange.	<b>C917MHPSU</b> Magnetic Pulse Start 120V/277V	175W ED28, BT28 PS MH
<b>CLP</b> Specular Clear, Matching Flange.	<b>C925MHPSU</b> Magnetic Pulse Start 120V/277V	250W ED28, BT28 PS MH
<b>CCDW</b> Comfort Clear Diffuse, White Painted Flange.	<b>C917MHU</b> Magnetic 120V/277V	175W ED28, BT28 MH
<b>CCDP</b> Comfort Clear Diffuse, Matching Flange.	<b>C925MHU</b> Magnetic 120V/277V	250W ED28, BT28 MH
<b>CCZW</b> Champagne Bronze, White Painted Flange.		
<b>CCZP</b> Champagne Bronze, Matching Flange.		

## Features

- Upper Reflector:** Clear anodized aluminum, 0.040" (16 ga.). Provide wide distribution for general lighting and wall wash.
- Downlight/Wall Washer Reflector:** Anodized aluminum, 0.040" (16 ga.). 40° visual cut-off to lamp. Provide vertical surface wall washing and downlighting.
- Lamp Shield:** High-temperature glass as required by code.
- Socket Cup:** Heat dissipating, die-cast aluminum, pre-wired with mogul base porcelain socket with nickel plated screw shell. Postive locking attachment without tools to reflector assures proper optical alignment of lamp.
- Mounting Frame:** 0.048" (18-ga.) galvanized steel includes pre-installed mounting bars.
- Mounting Ring:** 0.048"(18-ga.) galvanized steel. Designed for vertical adjustment from above or below for ceilings from 0" to 2" thick. Center-line notches allow consistent alignment of multiple fixtures.
- Retention Springs:** Rust resistant springs secure cone for quick, tool-less installation.
- Frame Vertical Adjustment:** Vertical adjustment mechanism accommodates mounting to virtually any ceiling system using mounting bars (provided, or 1/2" EMT tubing (by others). Single locking feature secures all adjustments. Alignment holes and markings allow fixture to be preset prior to installation.
- Mounting Bars:** 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.
- Ballast:** Pulse Start
- Junction Box:** 0.048" (18-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

**Magnetic Ballast:** 120V/277V dual voltage, 60 Hz., enclosed and potted, HX-HPF circuit type, high power factor, sound rating "B" (175W), -20° F minimum starting temperature, Type 1 Outdoor rating.

Ballast	ANSI Code	Voltage	Max. Amps	Input Watts
175W PS MH	M137	120/277	2.20/0.90	205
250W PS MH	M138	120/277	2.80/1.20	290
175W MH	M57	120/277	2.00/0.90	205
250W MH	M58	120/277	2.60/1.10	290

## Options and Accessories

**Auxiliary:** Add suffix **A** to Frame-In Kit and Reflector Trim.

**Emergency:** Add suffix **E** to Reflector Trim and Frame-In Kit. See Spec. Sheet "A/E".

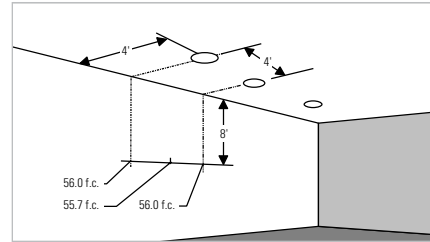
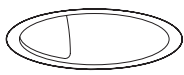
**Fuse** (magnetic ballast): Add suffix **F1** or **F2** to Frame in Kit (F1=120V, F2=277V).

**Chicago Plenum:** Consult Factory.

## Labels

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

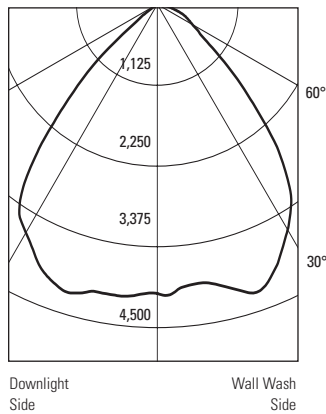
Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	



**Lighting Data - Example**  
 C9E28WCLW illumination on the wall 8' down from the ceiling is 56.0 f.c. beneath and 55.7 f.c. between fixtures.

**CANDLEPOWER DISTRIBUTION**

**175W ED28** G.E. MH COATED, LUMEN RATING = 12900 LMS., ADVANCE BALLAST/ PULSE START MAGNETIC, CL FINISH REFLECTOR, REPORT NO. 2551FR



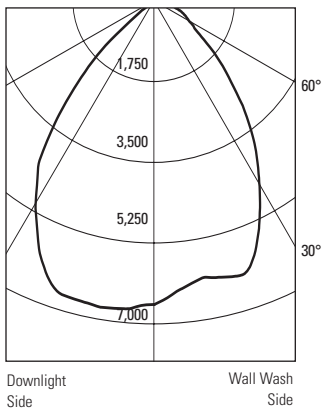
**Multiple Units - Footcandles On Wall**  
 4' from Wall - 4' On Center

Distance From Ceiling in Feet	4' On Center		
	Left	Center	Right
2	37.4	35.5	37.4
4	60.0	56.2	60.0
6	67.1	68.2	67.1
8	56.0	55.7	56.0
10	43.7	43.3	43.7
12	34.2	34.3	34.2
14	27.5	27.7	27.5
16	22.9	22.9	22.9
18	19.6	19.5	19.6
20	17.0	16.9	17.0
22	15.2	15.1	15.2
24	13.7	13.6	13.7
26	12.7	12.6	12.7
28	12.2	12.1	12.2

**Multiple Units - Footcandles On Wall**  
 6' from Wall - 6' On Center

Distance From Ceiling in Feet	6' On Center		
	Left	Center	Right
2	13.5	12.4	13.5
4	20.0	18.6	20.0
6	27.7	26.1	27.7
8	31.7	31.8	31.7
10	30.0	30.4	30.0
12	26.3	26.1	26.3
14	22.4	22.2	22.4
16	19.1	19.1	19.1
18	16.3	16.4	16.3
20	14.0	14.2	14.0
22	12.3	12.4	12.3
24	10.8	10.9	10.8
26	9.8	9.8	9.8
28	9.2	9.2	9.2

**250W ED28** PHILIPS MH COATED, LUMEN RATING = 19475 LMS., UNIVERSAL BALLAST, CL FINISH REFLECTOR, REPORT NO. 2550FR



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

Distance From Ceiling in Feet	4' On Center		
	Left	Center	Right
2	55.3	52.0	55.3
4	76.2	72.6	76.1
6	86.0	82.9	86.0
8	76.2	73.3	76.2
10	62.2	60.5	62.2
12	50.1	49.5	50.1
14	40.9	40.7	40.9
16	34.3	34.1	34.3
18	29.5	29.2	29.5
20	25.7	25.5	25.7
22	23.1	22.9	23.1
24	20.9	20.7	20.9
26	19.4	19.2	19.4
28	18.8	18.7	18.8

**Multiple Units - Footcandles On Wall**  
 6' from Wall - 6' On Center

Distance From Ceiling in Feet	6' On Center		
	Left	Center	Right
2	20.0	18.1	20.0
4	28.8	26.9	28.8
6	35.4	33.8	35.4
8	39.8	38.7	39.8
10	39.4	37.7	39.4
12	35.9	34.4	35.9
14	31.6	30.7	31.6
16	27.4	27.0	27.4
18	23.8	23.7	23.8
20	20.7	20.7	20.7
22	18.3	18.4	18.3
24	16.3	16.4	16.3
26	14.9	14.9	14.9
28	14.0	14.0	14.0

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

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

Lightolier a Genlyte Thomas Company www.lightolier.com  
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