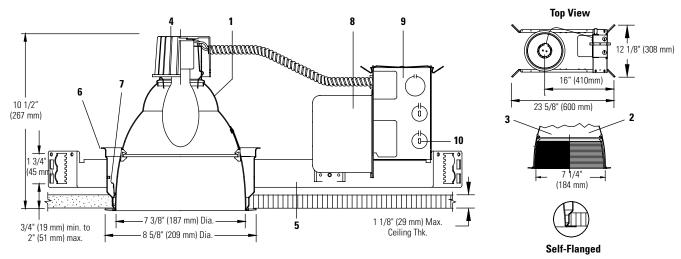


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7 3/8" Aperture Open Reflector Metal Halide/HPS



Ceiling Cutout: 8" (203 mm) Dia.

Complete Fixture consists of Reflector Trim & Frame-In Kit. Select each separately.

Reflector Trim		Frame-In Kit	Lamp
DL7V CLW DL7V CLP	Specular Clear, White Self-Flange Specular Clear, Polished Self-Flange	DL7V 70HA DL7V 10HA	70W ED17/BD17 (Coated) Metal Halide 100W ED17/BD17 (Coated) Metal Halide
DL7V CL	Specular Clear, White Trim Ring	DL7V 70SA	70W ED17/B17 (Diffuse) HPS
DL7V MG DL7V BK	Multi-Groove, White Trim Ring Specular Black, White Trim Ring	DL7V 10SA	100W ED17/B17 (Diffuse) HPS

Features

- Reflector: Specular Alzak Clear® aluminum (with U. fading finish), 16 ga. 45° visual cut-off to lamp and lamp image. Reflector supplied with self-flanged or white molded trim ring (field paintable). For other finishes, consult factory.
- Multi-Groove Baffle: One piece seamless aluminum. Sharply detailed concentric rings, black finish. Permanently fastened to specular clear reflector.
- Black Cone: Specular black Alzak® aluminum (with U.V. resistant, non fading finish). Permanently fastened to specular clear reflector.
- 4. Socket Cup: Heat dissipating die-cast aluminum with medium base pulse rated porcelain socket with nickel plated screw shell. Positive locking attachment, without tools, to reflector assures proper optical alignment of lamp.
- 5. Mounting Frame: Die-formed steel, 16 ga. vertically oriented for maximum rigidity. Comes with 4 mounting brackets to accept standard 3/4" or 1 1/2" lathing channels (by others), 1/2" EMT tubing (by others) or optional Lightolier mounting bars (1950 or 1951).
- Mounting Ring: Die-formed steel, 20 ga. Designed for vertical adjustment from inside of fixture, black finish.
- Retaining Springs: Rust resistant springs simplify reflector/housing removal for inspection and maintenance.
- 8. Ballast/Junction Box Assembly: Ballast and splice box on 16 ga. plate. Ballast assembly is accessible from below without tools.
- Junction Box: 16ga. steel. Can be inspected from below. UL listed for maximum of (8) No. 12 AWG, 90°C through branch circuit conductors.
- 10. Thermal Protector: Meets NEC and UL requirements. Thermal insulation shall not be installed within 3" (76mm) of the recessed fixture enclosure, wiring compartment, or ballast, and shall not be so installed above the fixture so as to entrap heat and prevent the free circulation of air.

Electrical

Ballast: 120/277V, magnetic, lag type high reactance autotransformer, high power factor, encased and filled with a special thermally conductive insulation material for heat dissipation and quiet operation.

Electrical (continued)

Ballast	ANSI Code	Voltage	Max. Amps	Input Watts	
70W MH	M98	120/277	1.90/0.80	95	
100W MH	M90	120/277	2.60/1.15	130	
70W HPS	S62	120/277	1.45/0.65	94	
100W HPS	S54	120/277	2.20/0.95	128	

Options and Accessories

Mounting Bars: 1950 - 18" Set of (2), 1951 - 27" set of (2).

T-Bar Anchor Clips: 1956 (set of 4). For use with mounting bars.

Slope Ceiling Adapter: 7920 (see SCA specification sheets)

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

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

 $\label{lem:chicago} \textbf{Chicago Air Plenum:} \ \mathsf{Add} \ \textbf{LC} \ \mathsf{to} \ \mathsf{Frame-In} \ \mathsf{Kit}.$

Electronic MH Ballast: Consult Factory. EB1=120V, EB2=277V.

Labels

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

Alzak® is a registered trademark of ALCOA.

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

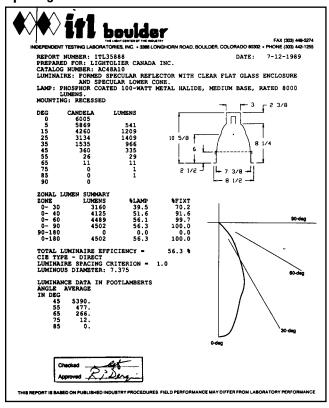
Lightolier a Genlyte Thomas Company www.lightolier.com 631 Airport Road, Fall River, MA 02720 ◆ (508) 679-8131 ◆ Fax (508) 674-4710 We reserve the right to change details of design, materials and finish. © 2002 Genlyte Thomas Group LLC (Lightolier Division) ◆ A0902



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Clear Cone

Spacing Ration = 1.0

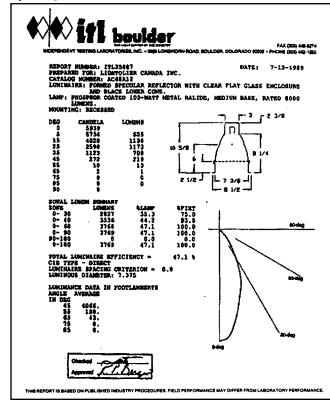


Coefficients of Utilization % Effective Ceiling Cavity Reflectance % Wall Reflectance 50 30 10 50 10 10 | .63 .62 .57 .54 .54 .51 .50 .47 .50 .48 .51 .49 .46 .49 .45 .43 .45 .43 .45 .43 .46 .44 .40 .45 .42 .40 .40 .38 .40 .38 .42 .39 .38 .41 .38 .36 .40 .37 .36 .37 .36 .41 .36 .40 .38 .35 .34 20% Floor Cavity Reflectance Conversion Factor: 70W/100W ED17 Metal Halide, and 70W/100W Ed17 HPS:

7 3/8" Aperture Open Reflector Metal Halide/HPS

Black cone

Spacing Ration = 0.9



Coefficients of Utilization % Effective Ceiling Cavity Reflectance % Wall Reflectance 50 10 50 0 10 50 30 10 | 50 30 .53 .50 .52 .87 .47 .46 .45 .43 .43 .82 .42 .39 .79 .42 .40 .39 .40 .37 .39 .78 .40 .38 .37 .40 .38 .76 .74 .38 .35 .37 .37 .35 .35 .35 .33 .35 .35 .35 .33 .32 .33 .73 .33 .32 .33 .31 .36 20% Floor Cavity Reflectance Conversion Factor: 70W/ 100W ED17 Metal Halide and 70W/100W Ed17 HPS: Black, C.U.; Multi-Grove, C.U. x 0.9.

Job Information

Type: