

CW8242 (Wall Mount)

| Complete Fixture Ceiling Mount | | | Lamp |
|--------------------------------|--|-------------|---|
| CS8242HUCL | Clear Iridescence Free Reflector, White Housing | 120V - 277V | (2) 26/32/42W Triple Tube 4-Pin (Amalgam) |
| Complete Fixture Wall Mount | | | Lamp |
| CW8242HUCL | Clear Iridescence Free Reflector, White Housing | 120V - 277V | (2) 26/32/42W Triple Tube 4-Pin (Amalgam) |

Features

- Reflector:** 16 ga. Specular Alzak® aluminum, 55° visual cutoff to lamp and lamp image, wide distribution. Iridescence Free finish.
- Housing:** Seamless, heavy-gauge aluminum. Two part construction provides ventilation. Returned edge precisely seats reflector. Matte white finish.
- Ballast:** Mounted on support bracket, can be easily removed for service.
- Socket Bracket:** Die-formed steel. Attaches to reflector for correct optical alignment.
- Stem Kit:** Cat. No. FA CSA36: Provided with 1/2 dia. stem and 5 1/2 dia. canopy. Self aligning swivel provides maximum 40° vertical adjustment. Installs over 4" octagonal outlet box. Stem can be cut to length on site. Matte white baked enamel finish.
- (Optional) Turbo Louver:** (not shown) Specular clear Alzak® aluminum deep reflector with removable radial louver assembly combines good efficiency with a shield aperture, 50° cutoff to lamp.
- Crossbar:** Install over 4 octagonal or rectangular outlet box.
- Bracket:** One piece cast aluminum with integral backplate.

Electrical

Note: For ballast electrical data and latest lamp/ballast compatibility refer to "Ballast" specification sheet for complete electrical data.

UL listed for 90° C supply conductors.

Options and Accessories

- Fuse (Slow Blow) Add Suffix **F**
- Turbo Louver Add Suffix **TB**

Reflector Finishes: Consult Factory

Other Housing Finishes: Consult Factory

Labels

UL listed for damp locations, I.B.E.W.

Alzak® is a registered trademark of ALCOA.

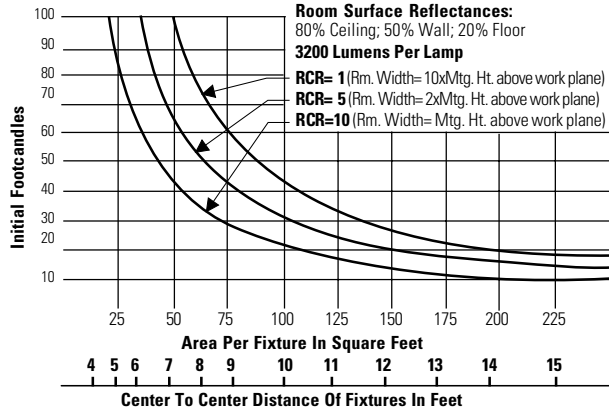
| Job Information | Type: |
|------------------|-------|
| Job Name: | |
| Cat. No.: | |
| Lamp(s): | |
| Notes: | |

Lightolier a Genlyte Thomas Company www.lightolier.com
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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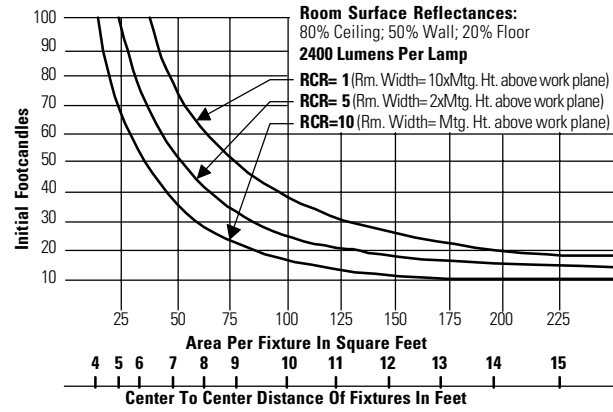


42W Quick Calculator



This quick calculator chart determines the number and spacing of 2 Ft. - 42 Watt PL-T units with clear reflector: for any level of illumination.

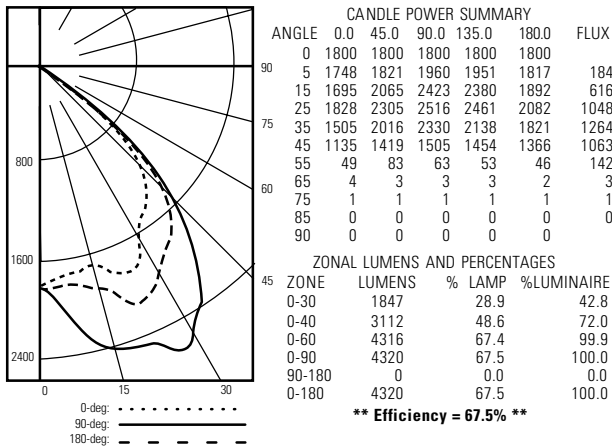
32W Quick Calculator



This quick calculator chart determines the number and spacing of 2 Ft. - 32 W PL-T units with clear reflector: for any level of illumination.
For 26W lamps, multiply F.C. by 0.8.

Spacing Ratio: Along=1.4 Across=1.7

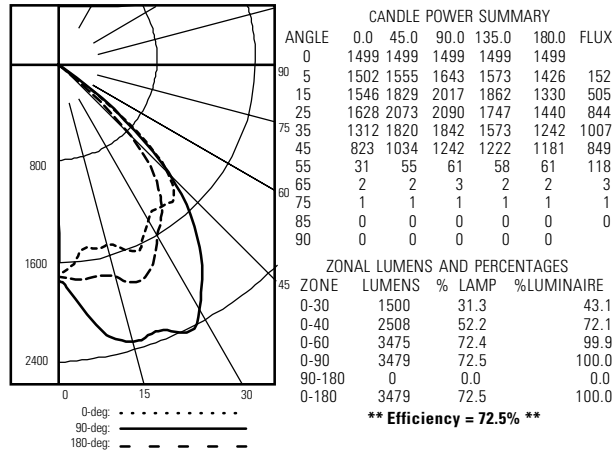
Certified Test Report NO. ITL44463
Independent Testing Laboratories, Inc.
Recessed Calculite Downlight 8038CLIF/8242HE120
8" Aperture Specular Clear Reflector
Two Philips 42-Watt PL-T 42W/4P Triple U-Tube. Compact Fluorescents.
Horizontal Position. Lumen Rating =3200 Lms



Date: Jan 3, 1996
Prepared For: Lightolier, Fall River, MA
Tested According To IES Procedures.
Test Distance Exceeds Five Times the Greatest Luminous Opening Of Luminaire.

Spacing Ratio: Along=1.4 Across=1.6

Certified Test Report NO. ITL44462
(Based on recessed fixture 8038CLW/8232HE120)
Independent Testing Laboratories, Inc.
Recessed Calculite Downlight 8038CLIF/8232HE120
8" Aperture Specular Clear Reflector
Two Philips 32-Watt 32W/35/4P Triple U-Tube. Compact Fluorescents.
Horizontal Position. Lumen Rating =2400 Lms



Date: Dec 4, 1995
Prepared For: Lightolier, Fall River, MA
Tested According To IES Procedures.
Test Distance Exceeds Five Times the Greatest Luminous Opening Of Luminaire.

Coefficients Of Utilization

| Room Cavity Ratio | % Effective Ceiling Cavity Reflectance | | | | | | | | | | | | | | | | | | |
|-------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|--|
| | 80 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 | | | |
| | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 1 | .74 | .72 | .70 | .72 | .70 | .69 | .69 | .68 | .67 | .67 | .66 | .65 | .65 | .64 | .63 | .62 | | | |
| 2 | .67 | .64 | .61 | .66 | .63 | .61 | .64 | .61 | .59 | .62 | .60 | .58 | .60 | .58 | .57 | .56 | | | |
| 3 | .61 | .57 | .54 | .60 | .57 | .54 | .58 | .55 | .53 | .57 | .54 | .52 | .55 | .53 | .51 | .50 | | | |
| 4 | .56 | .51 | .48 | .55 | .51 | .48 | .54 | .50 | .47 | .52 | .49 | .46 | .51 | .48 | .46 | .45 | | | |
| 5 | .51 | .46 | .43 | .50 | .46 | .43 | .49 | .45 | .42 | .48 | .44 | .42 | .47 | .44 | .41 | .40 | | | |
| 6 | .47 | .42 | .38 | .46 | .42 | .38 | .45 | .41 | .38 | .44 | .40 | .38 | .43 | .40 | .37 | .36 | | | |
| 7 | .43 | .41 | .37 | .46 | .41 | .37 | .45 | .40 | .37 | .44 | .40 | .37 | .43 | .39 | .36 | .35 | | | |
| 8 | .39 | .35 | .31 | .39 | .34 | .31 | .38 | .34 | .31 | .37 | .34 | .31 | .37 | .33 | .31 | .30 | | | |
| 9 | .36 | .32 | .28 | .36 | .31 | .28 | .35 | .31 | .28 | .35 | .31 | .28 | .34 | .31 | .28 | .27 | | | |
| 10 | .34 | .29 | .26 | .33 | .29 | .26 | .33 | .29 | .26 | .32 | .28 | .26 | .32 | .28 | .26 | .25 | | | |

20% Floor Cavity Reflectance

Coefficients Of Utilization

| Room Cavity Ratio | % Effective Ceiling Cavity Reflectance | | | | | | | | | | | | | | | | | | |
|-------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|--|
| | 80 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 | | | |
| | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | |
| 1 | .79 | .77 | .75 | .78 | .76 | .74 | .75 | .73 | .72 | .72 | .71 | .70 | .69 | .68 | .68 | .66 | | | |
| 2 | .72 | .69 | .66 | .71 | .68 | .65 | .69 | .66 | .64 | .66 | .64 | .62 | .64 | .62 | .61 | .60 | | | |
| 3 | .66 | .62 | .58 | .65 | .61 | .58 | .63 | .59 | .57 | .61 | .58 | .56 | .59 | .57 | .55 | .54 | | | |
| 4 | .60 | .55 | .52 | .59 | .55 | .51 | .58 | .54 | .51 | .56 | .53 | .50 | .55 | .52 | .49 | .48 | | | |
| 5 | .55 | .50 | .46 | .54 | .49 | .46 | .53 | .49 | .45 | .51 | .48 | .45 | .50 | .47 | .44 | .43 | | | |
| 6 | .50 | .45 | .41 | .50 | .45 | .41 | .48 | .44 | .41 | .47 | .43 | .40 | .46 | .43 | .40 | .39 | | | |
| 7 | .46 | .41 | .37 | .46 | .41 | .37 | .45 | .40 | .37 | .44 | .40 | .37 | .43 | .39 | .36 | .35 | | | |
| 8 | .42 | .37 | .34 | .42 | .37 | .34 | .41 | .37 | .33 | .40 | .36 | .33 | .40 | .36 | .33 | .32 | | | |
| 9 | .39 | .34 | .31 | .39 | .34 | .31 | .38 | .34 | .30 | .37 | .33 | .30 | .37 | .33 | .30 | .29 | | | |
| 10 | .36 | .31 | .28 | .36 | .31 | .28 | .35 | .31 | .28 | .35 | .31 | .28 | .34 | .30 | .28 | .26 | | | |

20% Floor Cavity Reflectance. For 26W lamps, multiply C.U. by 1.1.

Job Information Type:

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