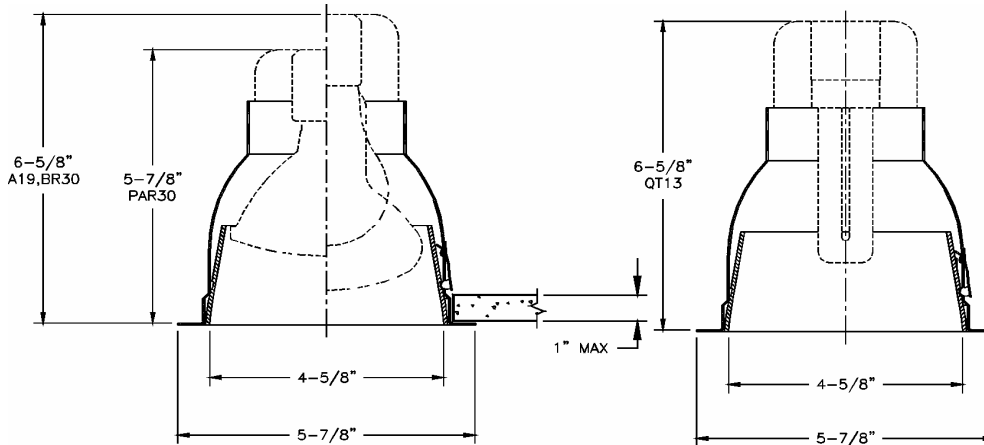




5 1/4" Aperture  
Specular Alzak Cone

Lytecaster  
Recessed Downlight

**1005CL**



Ceiling Opening : 5 1/4"

Complete fixture consists of Reflector Trim & Frame-in Kit. Select each separately

**REFLECTOR TRIM**

|                |                       |
|----------------|-----------------------|
| <b>1005CL</b>  | Specular Clear Alzak  |
| <b>1005GD</b>  | Specular Gold Alzak   |
| <b>1005BA</b>  | Specular Black Alzak  |
| <b>1005CCD</b> | Comfort Clear Diffuse |

**INC FRAME-IN-KIT**

|              |                     |
|--------------|---------------------|
| NON-IC       | <b>1002</b>         |
| REMODELER    | <b>1003RS-CDN</b>   |
| IC           | <b>1002IC</b>       |
| IC AIRSEAL   | <b>1004IC-CDN</b>   |
| NON-IC       | <b>1004IC-CDN</b>   |
| IC REMODELER | <b>1004ICRS-CDN</b> |
| NON-IC       | <b>1004ICRS-CDN</b> |
| IC AIRSEAL   | <b>1004ICX-CDN</b>  |

**LAMP**

|           |            |            |
|-----------|------------|------------|
| 100W A-19 | 85W BR-30  | 75W PAR-30 |
| 100W A-19 | 85W BR-30  | 75W PAR-30 |
| 75W BR-30 | 75W PAR-30 | 40W A-19   |
| 65W BR-30 | 50W PAR-30 | 40W A-19   |
| 85W BR-30 | 75W PAR-30 | 60W A-19   |
| 65W BR-30 | 50W PAR-30 | 40W A-19   |
| 85W BR-30 | 75W PAR-30 | 60W A-19   |
| 75W PAR30 | 85W BR30   | 60W A19    |

**CFL FRAME-IN-KIT**

|        |                      |
|--------|----------------------|
| NON-IC | <b>1002FH1</b>       |
| NON-IC | <b>1002FH3</b>       |
| NON-IC | <b>1002Q113VF120</b> |
| NON-IC | <b>1002Q113VF347</b> |
| IC     | <b>1002FH1C</b>      |

**LAMP**

| LAMP       | VOLT            | BASE           |
|------------|-----------------|----------------|
| 1 X 13W QT | 120V HPF        | GX23-2         |
| 1 X 13W QT | 347V HPF        | GX23-2         |
| 1 X 13W QT | 120V Electronic | G24q-1 (4 pin) |
| 1 X 13W QT | 347V Electronic | G24q-1 (4 pin) |
| 1 X 13W QT | 120V HPF        | GX23-2         |

**Features**

**Reflector:** Hydroformed aluminum, .032" thick ; Anobrite (anodic-processed) semi-specular finish for permanent reflectivity; white trim flange.

**Cone:** Hydroformed aluminum, .080" thick.

**Frame-In-Kit**

**Note :** For complete Frame-In-Kit specifications, see sheet 1102, 1102IC, 1103R, 1104IC, 1104ICX, 1104ICR , 1102F et 1102FIC

**Accessories**

**Retaining clips :** 1955 (set of 100) For installation in existing ceilings.

**Extra Wide Flange Trim Ring :** 1957 ; For most 1000 series Reflector Trim. O.D. 7".

**Labels : CSA**

Suitable for damp locations.

WE RESERVE THE RIGHT TO CHANGE DETAILS OF DESIGN, MATERIALS AND FINISH, IN ANY WAY THAT WILL NOT ALTER INSTALLED APPEARANCE OR REDUCE FUNCTION AND PERFORMANCE.

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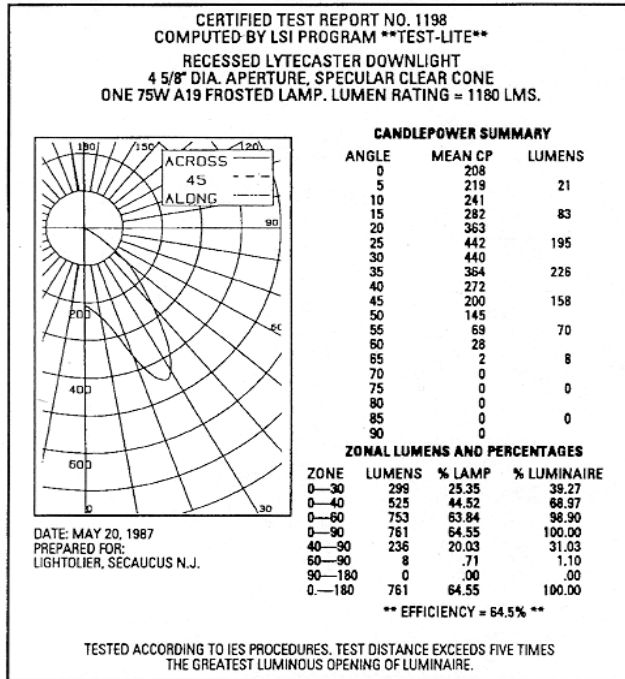
**LIGHTOLIER®**

5 1/4" Aperture  
Specular Alzak Cone

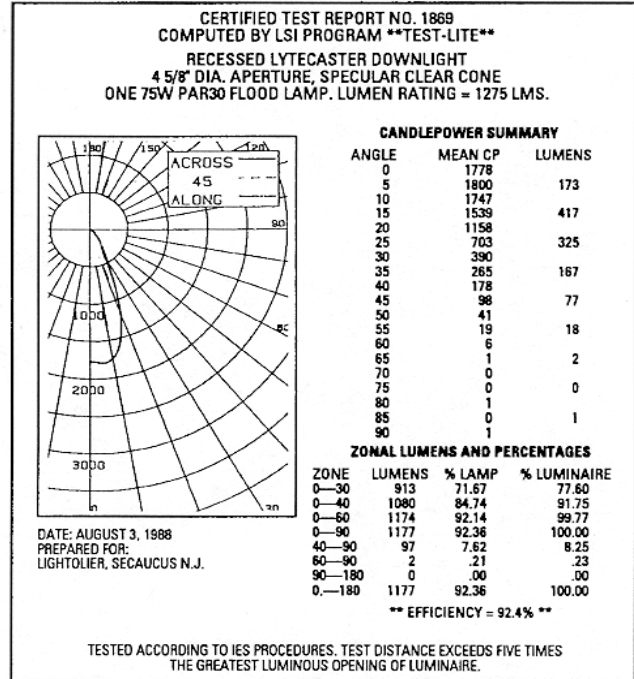
Lytecaster  
Recessed Downlight

1005CL

SPACING RATIO = 1.8



SPACING RATIO = 0.8



COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

| 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  | 0   |
| 1                 | .71                                    | .69 | .68 | .70 | .68 | .66 | .67 | .66 | .64 | .64 | .63 | .62 | .62 | .61 | .61 | .60 |
| 2                 | .65                                    | .63 | .60 | .64 | .62 | .59 | .62 | .60 | .58 | .60 | .58 | .57 | .58 | .57 | .56 | .55 |
| 3                 | .60                                    | .56 | .53 | .59 | .56 | .53 | .57 | .54 | .52 | .56 | .53 | .51 | .54 | .52 | .50 | .49 |
| 4                 | .55                                    | .51 | .48 | .54 | .51 | .47 | .53 | .50 | .47 | .51 | .49 | .46 | .50 | .48 | .46 | .45 |
| 5                 | .50                                    | .46 | .43 | .50 | .45 | .43 | .48 | .45 | .42 | .47 | .44 | .42 | .46 | .44 | .41 | .40 |
| 6                 | .46                                    | .41 | .38 | .45 | .41 | .38 | .44 | .41 | .38 | .43 | .40 | .37 | .42 | .39 | .37 | .36 |
| 7                 | .42                                    | .37 | .34 | .41 | .37 | .34 | .40 | .36 | .33 | .39 | .36 | .33 | .39 | .35 | .33 | .32 |
| 8                 | .38                                    | .33 | .30 | .37 | .33 | .30 | .37 | .33 | .30 | .36 | .32 | .30 | .35 | .32 | .29 | .28 |
| 9                 | .34                                    | .30 | .26 | .34 | .29 | .26 | .33 | .29 | .26 | .32 | .29 | .26 | .32 | .28 | .26 | .25 |
| 10                | .31                                    | .26 | .23 | .31 | .26 | .23 | .30 | .26 | .23 | .30 | .26 | .23 | .29 | .25 | .23 | .22 |

20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 75W A19: Brushed Clear & Gold, C.U. x 0.7; White, C.U. x 0.8; Black, C.U. x 0.45. 1 Lt. 13W Quad Tube: Specular & Brushed Clear & Gold, C.U. x 0.8; White, C.U. x 0.7; Black, C.U. x 0.45.

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

| 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  | 0   |
| 1                 | 1.04                                   | 1.02 | 1.00 | 1.02 | 1.00 | .99 | .98 | .97 | .96 | .95 | .94 | .93 | .92 | .91 | .90 | .88 |
| 2                 | .99                                    | .96  | .93  | .97  | .94  | .92 | .94 | .92 | .90 | .92 | .90 | .88 | .89 | .88 | .86 | .85 |
| 3                 | .94                                    | .90  | .87  | .93  | .89  | .87 | .90 | .88 | .86 | .88 | .86 | .84 | .86 | .85 | .83 | .82 |
| 4                 | .90                                    | .86  | .83  | .89  | .85  | .82 | .87 | .84 | .81 | .85 | .82 | .80 | .83 | .81 | .80 | .79 |
| 5                 | .86                                    | .81  | .78  | .85  | .81  | .78 | .83 | .80 | .77 | .82 | .79 | .77 | .80 | .78 | .76 | .75 |
| 6                 | .82                                    | .78  | .75  | .81  | .77  | .74 | .80 | .77 | .74 | .79 | .76 | .73 | .78 | .75 | .73 | .72 |
| 7                 | .78                                    | .74  | .71  | .78  | .74  | .70 | .76 | .73 | .70 | .75 | .72 | .70 | .75 | .72 | .69 | .70 |
| 8                 | .75                                    | .70  | .68  | .74  | .70  | .67 | .73 | .70 | .67 | .73 | .69 | .67 | .72 | .69 | .66 | .65 |
| 9                 | .72                                    | .67  | .64  | .71  | .67  | .64 | .70 | .66 | .64 | .70 | .66 | .64 | .69 | .66 | .63 | .62 |
| 10                | .68                                    | .64  | .61  | .68  | .64  | .61 | .67 | .64 | .61 | .67 | .63 | .61 | .66 | .63 | .61 | .60 |

20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 75W PAR30 FL: Brushed Clear & Gold, White C.U. x 1.0; Black, C.U. x 0.85. 75W BR30: Specular Clear & Gold, C.U. x 1.0; Brushed Clear & Gold, C.U. x 0.9; White, C.U. x 0.95; Black, C.U. x 0.65.

To convert lighting data for a lower wattage incandescent lamp of the same type, multiply the footcandle (or candlepower) values by the ratio of the lumens of the two lamps. The coefficients of utilization remain the same.

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LIGHTOLIER