

Hi-Bay Fixture

T8 Fluorescent 4 and 6-Lamp



FEATURES & SPECIFICATIONS

Attributes

- New Engineered Lighting design features precision formed beveled G320 reflector to achieve maximum light output.
- Delivers either 15,000 lumens from four 32-watt T8 lamps or 23,000 lumens from six lamps. Replaces H.I.D. fixtures on a one-for-one basis.
- Instant on. Unlike most H.I.D. fixtures.
- Optional heavy duty 6ga wire guard or
- Clear lens cover for lamp protection.

Ballast Access Doors

Top side Hinged Panel Doors flip open with surface mounted ballast for easy, in your face, Terminal Block connections

Ballast

High Lumen .99 power factor, Electronic T8 Ballast with 1.15 Ballast factor, Class P, outdoor type 1, 2 ballast for 2 stage control

Lampholders

Snap lock sockets for F32T8 lamps rated 110C, 600volt

Mounting

Fixtures designed for Chain, Gripple, Pendant, or Stem mounting

Housing

Die formed heavy gauge cold rolled steel. 8 preformed shark slot 8fin air vents for air flow. Prepunched slot mounting holes for chain mtg. Prepunched mounting holes for Gripple type double toggle Y-Fit hanger cable.

Finish

Industrial Powder Coated White Housing

Reflector

Precision formed Harden Alanod Aluminum G320 High Lumen Specular, GMBH certified

Listing

Fixtures conform to Underwriters Laboratories Standards for production are carefully tested.

Models

FX-4L32T8 - UNIV

FX-6L32T8 - UNIV-HB

For Optimum Scotopic Performance Use T8 800 series 5000K lamps

Call 1-800-234-1146 For Immediate Delivery
Email: nwlighting@aol.com www.northwestlightingsystems.com

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PHOTOMETRICS

6-Lamp T8 Hi-Bay With Open Face

20 x 48 High-Bay Luminaire With Special Reflector, No Wire Grid
6 32W T8 Lamps (F32/T8)

Zonal Cavity Coefficients of Utilization

| Ceiling | .80 | | | | .70 | | | | .50 | | | .30 | | | .10 | | | .0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| Wall | .70 | .50 | .30 | .10 | .70 | .50 | .30 | .10 | .50 | .30 | .10 | .50 | .30 | .10 | .50 | .30 | .10 | .00 |
| 0 | 1.16 | 1.16 | 1.16 | 1.16 | 1.13 | 1.13 | 1.13 | 1.13 | 1.08 | 1.08 | 1.08 | 1.03 | 1.03 | 1.03 | .99 | .99 | .99 | .97 |
| 1 | 1.07 | 1.02 | .99 | .95 | 1.04 | 1.00 | .97 | .94 | .96 | .93 | .91 | .92 | .90 | .88 | .89 | .87 | .85 | .83 |
| 2 | .98 | .90 | .84 | .79 | .95 | .89 | .83 | .78 | .85 | .80 | .76 | .82 | .78 | .75 | .79 | .76 | .73 | .71 |
| 3 | .90 | .80 | .73 | .67 | .88 | .79 | .72 | .66 | .76 | .70 | .65 | .73 | .68 | .64 | .71 | .67 | .63 | .61 |
| 4 | .83 | .72 | .63 | .57 | .80 | .70 | .63 | .57 | .68 | .61 | .56 | .66 | .60 | .55 | .64 | .59 | .55 | .53 |
| 5 | .76 | .63 | .55 | .49 | .74 | .62 | .54 | .49 | .60 | .53 | .48 | .58 | .52 | .48 | .57 | .51 | .47 | .45 |
| 6 | .70 | .57 | .49 | .42 | .68 | .56 | .48 | .42 | .54 | .47 | .42 | .53 | .46 | .42 | .51 | .46 | .41 | .39 |
| 7 | .64 | .51 | .43 | .37 | .62 | .50 | .43 | .37 | .49 | .42 | .37 | .48 | .41 | .36 | .46 | .40 | .36 | .34 |
| 8 | .59 | .46 | .38 | .32 | .58 | .45 | .37 | .32 | .44 | .37 | .32 | .43 | .36 | .32 | .42 | .36 | .31 | .30 |
| 9 | .54 | .41 | .33 | .28 | .53 | .41 | .33 | .28 | .39 | .32 | .27 | .38 | .32 | .27 | .37 | .32 | .27 | .25 |
| 10 | .50 | .37 | .30 | .25 | .49 | .37 | .30 | .25 | .36 | .29 | .24 | .35 | .29 | .24 | .34 | .28 | .24 | .22 |

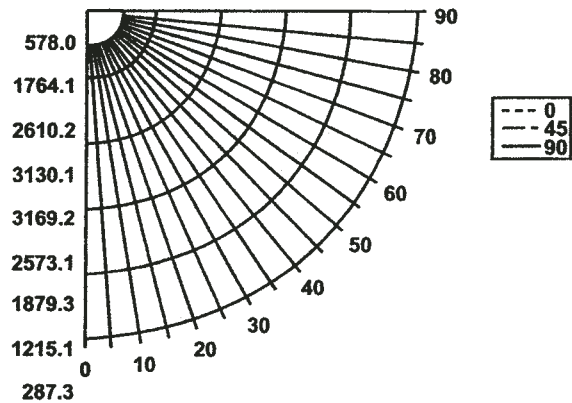
Lumen Summary

| Zone | Lumens | % Lamp | % Fixt |
|--------|--------|--------|--------|
| 0-30 | 4952 | 28.0 | 28.8 |
| 0-40 | 8082 | 45.7 | 47.0 |
| 0-60 | 13825 | 78.1 | 80.3 |
| 0-90 | 17206 | 97.2 | 100.0 |
| 90-120 | 0 | 0.0 | 0.0 |
| 90-130 | 0 | 0.0 | 0.0 |
| 90-150 | 0 | 0.0 | 0.0 |
| 90-180 | 0 | 0.0 | 0.0 |
| 0-180 | 17206 | 97.2 | 100.0 |

IES Spacing Criteria

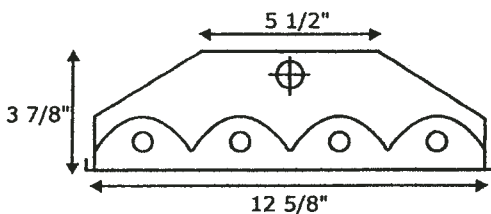
End = 1.3 Diagonal = 1.3 Cross = 1.3

Zonal Lumens



DIMENSIONS

4-Lamp Hi-Bay End View



6-Lamp Hi-Bay End View

