

fluorescent with frosted upright ring
fusion™



features

Pendant mount luminaire available in 1, 2, 3 and 4 lamp compact fluorescent.

Reflector with the frosted upright ring is a great solution for highlighting ceilings.

Fusion's™ refined appearance is a blend of highly tooled aluminum and precision die-cast components.

Ideally suited for retail, hospitality, lobbies, cafeterias, open ceiling areas and other specialty applications.

details



illuminated heat vent

options



frosted white upright ring



frosted blue upright ring



frosted green upright ring

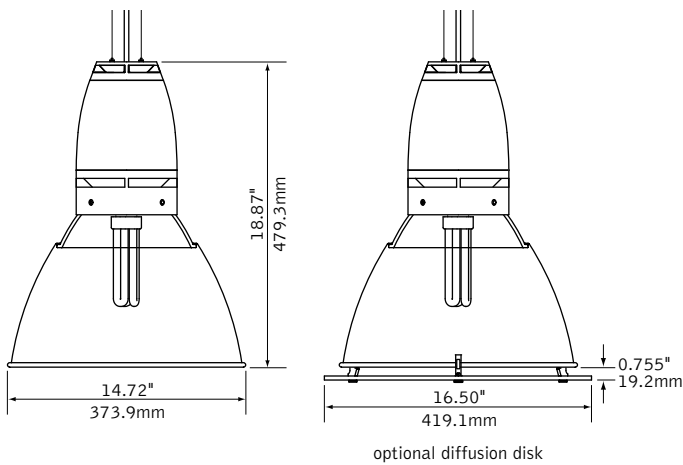


frosted white diffusion disk

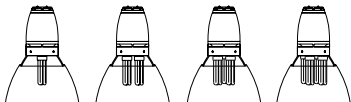


frosted green diffusion disk

dimensional data



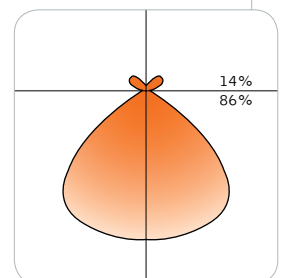
lamping options



1, 2, 3 & 4 LAMP 32W & 42W TRIPLE TUBE

performance

1-Lamp 42W Triple Tube
 72% Efficiency
 751 cd @ 10°



Visit focalpointlights.com for complete photometric data.

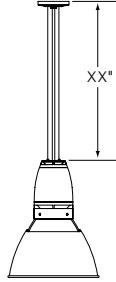
fixture:

project:

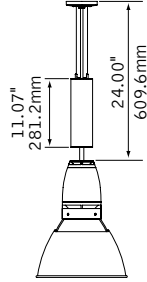
suspension information

suspension length is determined from ceiling to top of luminaire.
2-point aircraft cable with metal braided SJT cord.

standard suspension



suspension with emergency battery pack



24" minimum suspension required from the ceiling to the top of the housing when using a emergency battery pack.

specifications

construction

Ballast enclosure constructed of 16Ga. spun aluminum center housing with die-cast ends.

Ballast bracket constructed of 20Ga. galvanized steel.

Reflector constructed of 16Ga. Spun aluminum, 14.72" Dia. and .235" thick frosted white borosilicate glass.

Emergency battery pack housing constructed of 16Ga. steel tube, 11"H x 3.5" Dia. and 16Ga. C.R.S. ballast bracket.

Canopy: 5" Dia. X .875"H., spun steel.

weight: 10 lbs

optic

16Ga., 3002-0 anodized aluminum reflector with low iridescent, matte anodized interior finish.

Optional frosted white or green acrylic diffusion disk with polished edges are retained by aluminum fasteners and (3) #8-32 thumb screws.

electrical

Luminaires are pre-wired for single circuit with thermally protected class "P" electronic ballast.

Factory installed decorative metal braided power cord is included. White SJT power cord supplied for Emergency circuit, dimming and 347 volt.

One, two, three or four lamp triple tube compact fluorescent, 4-pin, 32W/42W (GX24q-3/4).

Line voltage dimming available in 120 or 277 Volt.

Consult factory for specifications and availability.

finish

Luminaire reflector and housing are clear anodized with clear polished satin finish.

Castings finished in Bright Silver (BS).

Reflector interior has matte diffuse finish.

Die-cast housing caps finished in silver polyester powder coat applied over a 5-stage pre-treatment.

Canopies finished in Matte Satin White.

ordering

luminaire series

Fusion FSN

FSN

profile

Reflector with Frosted White Uplight Ring RUW

optional colors

Reflector with Frosted Blue Uplight Ring RUB

Reflector with Frosted Green Uplight Ring RUG

lamp quantity

One Lamp 1

Two Lamp 2

Three Lamp 3

Four Lamp 4

lamp type

32W Triple Tube, GX24q-3/4 32TT

42W Triple Tube, GX24q-3/4 42TT

circuit

Single Circuit 1C

Dual Circuit 2C

(Multiple lamp fixtures only)

voltage

120 Volt 120

277 Volt 277

347 Volt 347

ballast

Electronic Program Start<10% THD S

Electronic Dimming Ballast* D
(consult factory for dimming limitations)

suspension

24" Aircraft Cable C24

48" Aircraft Cable C48

96" Aircraft Cable C96

factory options

Emergency Battery Pack* EM

HLR/GLR Fuse FU
(one and two lamp only)

Frosted Green Diffusion Disk GD

Frosted White Diffusion Disk WD

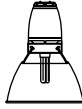
Include 3000K Lamp L830

Include 3500K Lamp L835

Include 4100K Lamp L841

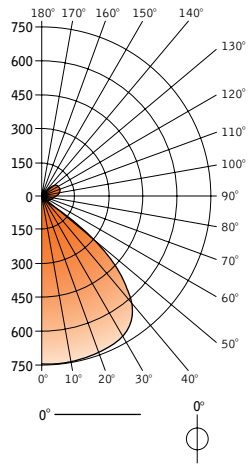
* for more information see Reference section.

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Filename: FSNRUW142TT.IES
 Catalog #: FSN-RUW-1-42TT-S-120-C24
 Efficiency: 72%
 Test #: 13064.0

CANDLEPOWER DISTRIBUTION



Spacing 1.5
 Criterion: 1.0

| Vertical Angle | Horizontal Angle 0° | Zonal Lumens |
|----------------|---------------------|--------------|
| 0° | 748 | 72 |
| 5° | 749 | 72 |
| 15° | 750 | 213 |
| 25° | 741 | 343 |
| 35° | 714 | 449 |
| 45° | 555 | 430 |
| 55° | 265 | 238 |
| 65° | 50 | 49 |
| 75° | 22 | 23 |
| 85° | 29 | 32 |
| 90° | 37 | |
| 95° | 50 | 54 |
| 105° | 76 | 80 |
| 115° | 94 | 93 |
| 125° | 101 | 90 |
| 135° | 89 | 69 |
| 145° | 63 | 40 |
| 155° | 36 | 17 |
| 165° | 23 | 7 |
| 175° | 19 | 2 |
| 180° | 16 | |

LUMEN SUMMARY

| Zone | Lumens | % Lamp | % Fixt |
|------------------------|-------------|-------------|--------------|
| 0°-30° | 627 | 19.6 | 27.3 |
| 0°-90° | 1848 | 57.7 | 80.3 |
| 90°-130° | 318 | 9.9 | 13.8 |
| 90°-180° | 452 | 14.1 | 19.7 |
| Total Luminaire | 2300 | 71.9 | 100.0 |

LUMINANCE DATA (CD/M²)

| Vertical Angle | 0° |
|----------------|------|
| 45° | 7444 |
| 55° | 4385 |
| 65° | 1110 |
| 75° | 792 |
| 85° | 3167 |

CO-EFFICIENTS OF UTILIZATION

| Floor | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 00 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Ceiling | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 10 | 50 | 10 | 50 | 10 | 50 | 10 | 50 | 10 | 50 | 10 | 00 |
| Wall | 82 | 82 | 82 | 82 | 79 | 79 | 79 | 79 | 72 | 72 | 66 | 66 | 66 | 66 | 60 | 60 | 60 | 60 | 60 | 60 | 58 |
| RCR | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1 | 76 | 74 | 71 | 69 | 73 | 71 | 67 | 65 | 62 | 60 | 58 | 55 | 54 | 51 | 48 | 46 | 43 | 41 | 38 | 36 | 34 |
| 2 | 71 | 66 | 63 | 59 | 68 | 64 | 58 | 59 | 54 | 55 | 51 | 51 | 48 | 46 | 43 | 41 | 38 | 36 | 34 | 32 | 30 |
| 3 | 66 | 60 | 55 | 51 | 63 | 58 | 50 | 54 | 48 | 50 | 45 | 47 | 43 | 41 | 38 | 36 | 34 | 32 | 30 | 28 | 26 |
| 4 | 61 | 54 | 49 | 45 | 59 | 52 | 44 | 49 | 42 | 46 | 40 | 43 | 38 | 36 | 34 | 32 | 30 | 28 | 26 | 24 | 22 |
| 5 | 56 | 49 | 43 | 39 | 54 | 47 | 38 | 44 | 37 | 41 | 35 | 39 | 33 | 32 | 30 | 28 | 26 | 24 | 22 | 20 | 18 |
| 6 | 52 | 44 | 38 | 34 | 50 | 43 | 34 | 40 | 32 | 37 | 31 | 35 | 30 | 28 | 26 | 24 | 22 | 20 | 18 | 16 | 14 |
| 7 | 48 | 40 | 34 | 30 | 46 | 38 | 30 | 36 | 28 | 34 | 27 | 32 | 26 | 25 | 23 | 21 | 19 | 17 | 15 | 13 | 11 |
| 8 | 44 | 35 | 30 | 26 | 42 | 34 | 26 | 32 | 25 | 30 | 24 | 28 | 23 | 22 | 20 | 18 | 16 | 14 | 12 | 10 | 8 |
| 9 | 41 | 32 | 26 | 23 | 39 | 31 | 22 | 29 | 21 | 27 | 21 | 26 | 20 | 19 | 17 | 15 | 13 | 11 | 9 | 7 | 5 |
| 10 | 38 | 29 | 24 | 20 | 36 | 28 | 20 | 26 | 19 | 25 | 18 | 23 | 17 | 16 | 14 | 12 | 10 | 8 | 6 | 4 | 2 |

Numbers indicate percentage values of

Go to www.focalpointlights.com for additional photometric data.