

fluorescent  
**fusion™**



**features**

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

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**

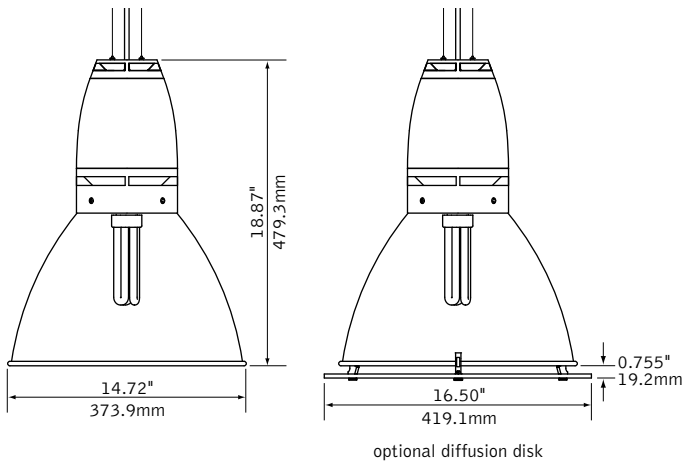


frosted white  
diffusion disk

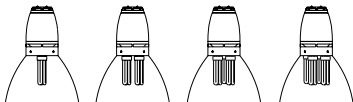


frosted green  
diffusion disk

**dimensional data**



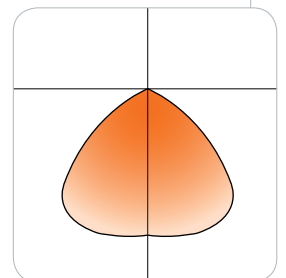
**lamping options**



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

**performance**

1-Lamp 42W Triple Tube  
67% Efficiency  
885 cd @ 20°



Visit [focalpointlights.com](http://focalpointlights.com) for complete photometric data.

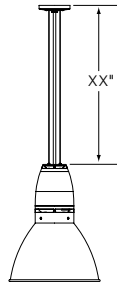
fixture:

project:

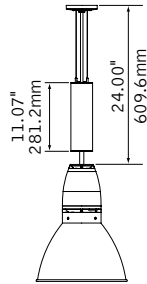
### suspension information

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 an 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.  
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

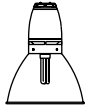
Luminaire reflector and housing are clear anodized with clear polished satin finish. Castings finished in Bright Silver (BS).  
Reflector interior has matte diffuse finish.  
Die-cast housing caps finished in silver polyester powder coat applied over a 5-stage pre-treatment.  
Canopies finished in Matte Satin White.

### ordering

luminaire series	FSN
Fusion	FSN
profile	RS
Solid Reflector	RS
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 (Multiple lamp fixtures only)	2C
voltage	
120 Volt	120
277 Volt	277
347 Volt	347
ballast	
Electronic Program Start<10% THD	S
Electronic Dimming Ballast* (consult factory for dimming limitations)	D
suspension	
24" Aircraft Cable	C24
48" Aircraft Cable	C48
96" Aircraft Cable	C96
factory options	
Emergency Battery Pack*	EM
HLR/GLR Fuse (one and two lamp only)	FU
Frosted Green Diffusion Disk	GD
Frosted White Diffusion Disk	WD
Include 3000K Lamp	L830
Include 3500K Lamp	L835
Include 4100K Lamp	L841

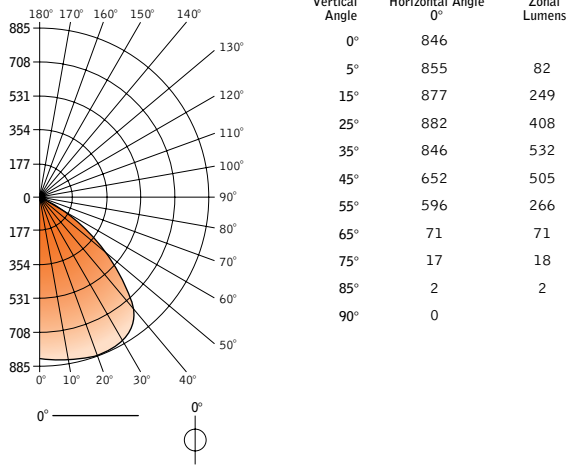
\* for more information see Reference section.

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fusion™



Filename: FSNRG142TT.IES  
 Catalog #: FSN-RS-1-42TT-S-120-C24  
 Efficiency: 67%  
 Test #: 13063.0

CANDLEPOWER DISTRIBUTION



Spacing 1.5  
 Criterion: 1.1

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0°-30°	738	23.1	34.7
0°-40°	1270	39.7	59.6
0°-60°	2041	63.8	95.8
0°-90°	2131	66.6	100.0
<b>Total Luminaire</b>	<b>3131</b>	<b>67</b>	<b>100.0</b>

LUMINANCE DATA (CD/M<sup>2</sup>)

Vertical Angle	0°
45°	8737
55°	4897
65°	1592
75°	609
85°	204

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	50	10	50	10
Wall	79	79	79	79	77	77	77	77	74	74	71	71	68	68	68	68	67	67	67	67	67	67	67	67
RCR 0	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4
1	75	72	70	68	73	71	67	68	65	66	63	63	61	61	60									
2	70	66	62	59	68	65	59	62	57	60	56	58	55	54										
3	65	60	55	52	63	59	52	57	51	55	50	53	49	48										
4	60	54	49	46	59	53	45	52	45	50	44	49	44	42										
5	56	49	44	40	54	48	40	47	39	45	39	44	39	37										
6	52	44	39	35	50	43	35	42	35	41	34	40	34	33										
7	48	40	34	31	47	39	31	38	31	37	30	36	30	29										
8	44	35	30	27	43	35	27	34	27	33	26	33	26	25										
9	40	32	27	23	39	31	23	31	23	30	23	39	23	22										
10	37	29	24	20	36	28	20	28	20	27	20	26	20	19										

Numbers indicate percentage values of

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.