

metal halide
fusion™



features

Pendant mount luminaire available in 1 lamp 50, 70 or 100W ED17 Metal Halide.

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

Reflector design delivers both efficiency and brightness control.

Clear or frosted protective glass lens available.

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

details



illuminated heat vent

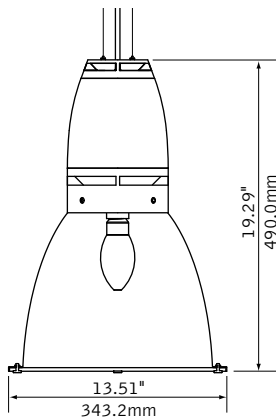


clear lens

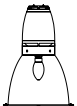


frosted lens

dimensional data



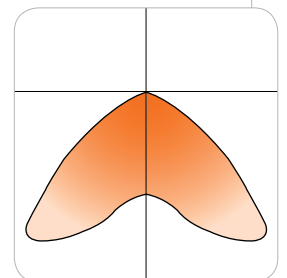
lampping options



50, 70 & 100W metal halide

performance

1-Lamp 100W Metal Halide
59% Efficiency
2298 cd @ 40°



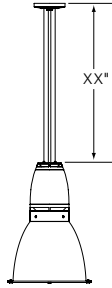
Visit focalpointlights.com for complete photometric data.

fixture:

project:

suspension information

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



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, 13.50" Dia.

Protective tempered glass lens, .187" thick available clear or frosted.

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.

electrical

Luminaires are pre-wired for single circuit with thermally protected class "P" electronic pulse start metal halide.

Factory installed decorative metal braided power cord is included. White SJT power cord supplied for 347 volt.

Medium base, porcelain socket provided with nickel-plated screw shell, 100 watt max ED17 lamp. When using a metal halide lamp with a glass outer envelope, relamp with 100 Watt max type E or O or S. When using a metal halide lamp with a quartz outer envelope: to avoid UV exposure risk, use ANSI type (e or O) lamp only. Do not install a lamp that requires UV filtering.

Optional quartz restrrike with 100W Halogen, DC bayonet Base 120 Volt (lamp provided).

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.

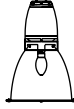
Die-cast housing caps finished in silver polyester powder coat applied over a 5-stage pre-treatment.

Canopies finished in Matte Satin White.

ordering

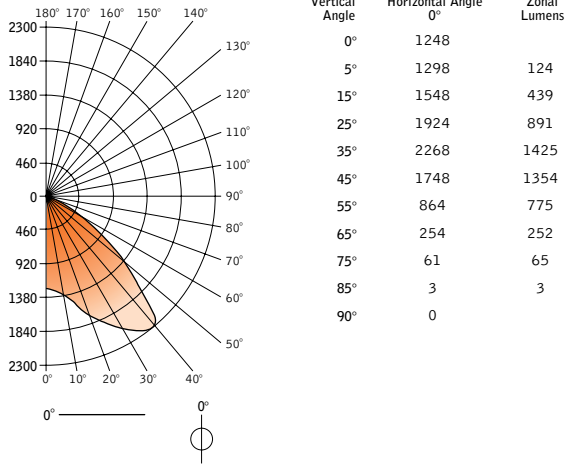
luminaire series		FSN
Fusion	FSN	
profile		
Solid Reflector, Clear Lens	RCL	
Solid Reflector, Frosted Lens	RFL	
lamp quantity		1
One Lamp	1	
lamp type		
50W Metal Halide, Med. Base	50MH	
70W Metal Halide, Med. Base	70MH	
100W Metal Halide, Med. Base	100MH	
voltage		
120 Volt	120	
277 Volt	277	
347 Volt	347	
ballast		M
Electronic Pulse Start Metal Halide	M	
<15% THD		
suspension		
24" Aircraft Cable	C24	
48" Aircraft Cable	C48	
96" Aircraft Cable	C96	
factory options		
Quartz Restrike (100W Halogen, 120V Only) (Lamp provided)	QR	

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Filename: FSNRCL1100MH.IES
 Catalog #: FSN-RCL-1-100MH-S-120-C48
 Efficiency: 59%
 Test #: 12972.0

CANDLEPOWER DISTRIBUTION



Spacing 2.0
 Criterion: 1.4

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0°-30°	1453	16.1	27.3
0°-40°	2878	32.0	54.0
0°-60°	5007	55.6	94.0
0°-90°	5327	59.2	100.0
Total Luminaire	5327	59.2	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°
45°	28649
55°	17458
65°	6968
75°	2737
85°	382

CO-EFFICIENTS OF UTILIZATION

Floor	80				70				50				20			
Ceiling	70	50	30	10	70	50	30	10	50	30	10	00	50	30	10	00
Wall	70	70	70	70	69	69	69	69	66	66	63	63	60	60	60	59
RCR 0	70	70	70	70	69	69	69	69	66	66	63	63	60	60	60	59
1	66	64	62	60	64	63	59	60	57	58	56	56	54	54	53	
2	61	58	54	52	60	57	51	55	50	53	49	51	48	47		
3	57	52	48	45	56	51	44	49	44	48	43	46	42	41		
4	53	46	42	39	51	46	38	44	38	43	37	42	37	36		
5	48	41	37	33	47	41	33	40	33	39	32	38	32	31		
6	44	37	32	29	43	37	29	36	29	35	28	34	28	27		
7	41	33	28	25	40	33	25	32	25	31	24	30	24	23		
8	37	29	25	21	36	29	21	28	21	27	21	27	21	20		
9																
10	34	26	21	18	33	26	18	25	18	24	18	24	18	17		

Numbers indicate percentage values of

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