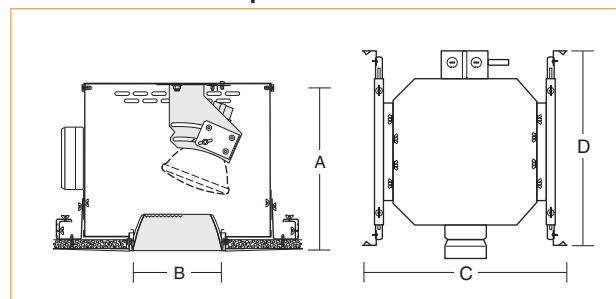


Dimensions and Lamps



Number	A Depth	B Aperture	C Width	D Length	Lamps
H8608FM*	11 1/2" / 293mm	6" sq. / 153mm	19 1/2" / 496mm	18 3/8" / 467mm	20-70W PAR-30L MH 70-150W PAR-38 MH

*To specify add watts and volts for proper ballast, e.g. H8608FM-70277.

H8608FM

Flush Mount Directional Downlight
20-70W PAR-30L
70-150W PAR-38 Metal Halide Lamps
6" Square Parabolic Trim

Flush Mount

Kurt Versen's flush mount fixtures eliminate overlapping flanges and lock into the ceiling. A clean, uncluttered ceiling emphasizes the attention to detail. It is a factory installed option with a proven installation technique.

Optics and Applications

For PAR spot or flood metal halide lamps. The parabolic trim controls brightness, even at maximum lamp tilt.

Design Features

The lamp assembly rotates 360°, tilts 35° and locks in the selected position. It accepts two accessories. A vented steel housing protects internal components. Flush mount design resists cracking and chipping by fastening fixture to drywall. Three adjustment mechanisms adapt the fixture to ceiling conditions. Adjustable mounting rails fit different support systems and ceiling thicknesses from 3/8" to 7/8". Maximum extension is 26". Top or bottom service.

Finish

Structural parts are matte black to suppress light leaks. Standard trim is anodized Softglow® clear.

Ballast

Integral, encased, electronic ballast is standard. Features quiet operation, thermal protection and lamp shutdown at end of life. Input voltage is 120V or 277V, power factor >.90.

General

Fixture is pre-wired and thermally protected, UL and C-UL listed for damp location and eight wire 75°C branch circuit wiring. Union made IBEW.

Accessories

- SB Softglow black.
- SG Softglow gold.
- SH Softglow mocha.
- SP Softglow graphite.
- ST Softglow titanium.
- SW Softglow wheat.
- SY Softglow pewter.
- SZ Softglow bronze.
- WR White trim return.
- WHT White complete trim.
- V347 347 volt ballast, contact the factory.
- EBH5 Electronic ballast, 150W.
- FLT6 Full lens trim, specify lens type, e.g. H8608FM-FLT6LL.
- FMW Flush mount wood, contact the factory.
- EC Emergency circuit with mini-can socket and leads.**
- TLI 60W emergency incandescent lamp.
- AOE1 Electronic ballast Auto-On restrike system 120V.**
- AOE2 Electronic ballast Auto-On restrike system 277V.**
- FF30-2 Accessory holder for PAR-30. Holds two accessories.
- FF38-1 Accessory holder for PAR-38. Holds one accessory.
- FF38-2 Accessory holder for PAR-38. Holds two accessories.

**Requires an accessory holder.

**Use open rated 60W max. auxiliary incandescent lamp.

Matching Square Units
 Downlights
 Wall washers

Section FMH 4
 Section FMH 6

FMH H8608FM

5-7

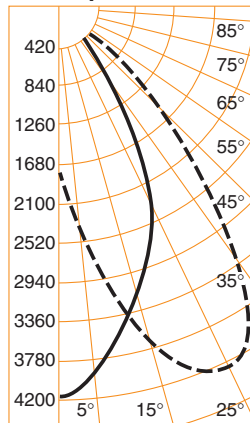
Footcandle Values at Nadir

Distance	10'			15'			20'			25'		
	Nadir	10°	15°	Nadir	10°	15°	Nadir	10°	15°	Nadir	10°	15°
Lamps	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam
H8608FM 70W PAR-38 FL	147	103	4'	52	46	5'	23	26	7'	13	16	9'
H8608FM 100W PAR-38 FL	215	150	4'	85	67	5'	38	37	7'	21	24	9'
H8608FM 150W PAR-38 FL	272	190	4'	107	84	5'	48	47	7'	27	30	9'
H8608FM 70W PAR-38 WFL	42	34	4'	28	15	5'	13	9	7'	7	5	9'
H8608FM 150W PAR-38 WFL	103	99	4'	87	44	5'	39	25	7'	22	16	9'

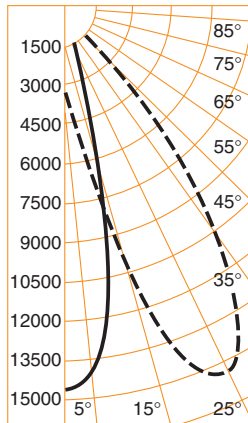
Distance	10'			15'			20'			25'		
	Nadir	5°	10°	Nadir	5°	10°	Nadir	5°	10°	Nadir	5°	10°
Lamps	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam
H8608FM 70W PAR-38 SP	274	195	2'	116	87	3'	52	68	49	29	44	31
H8608FM 100W PAR-38 SP	502	341	2'	166	152	3'	74	125	85	41	80	55
H8608FM 150W PAR-38 SP	649	442	2'	214	196	3'	95	162	110	54	104	71

See note 4.

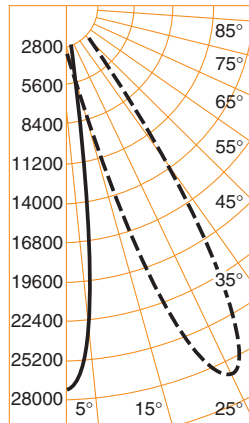
Candlepower Distribution



H8608FM 70W PAR-38 WFL
Eff. 65% S/M .80



H8608FM 70W PAR-38 FL
Eff. 80% S/M .45



H8608FM 70W PAR-38 SP
Eff. 90% S/M .30

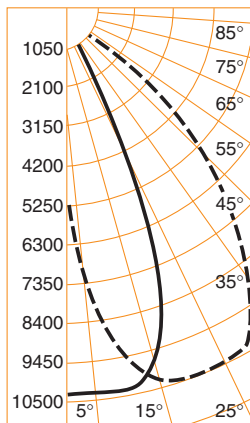
Candelas at Nadir

Vertical Angles	70W		
	4800*	4800*	4800*
0	4198	14728	27368
5	4004	14098	19751
10	3584	10737	12134
15	3142	5753	6858
20	2803	3697	3582
25	2363	1506	1182
30	1803	530	332
35	1082	135	125
40	439	62	55
45	103	21	0
50	37	0	0
55	28	0	0
60	0	0	0
65	0	0	0
70	0	0	0
75	0	0	0
80	0	0	0
85	0	0	0
90	0	0	0

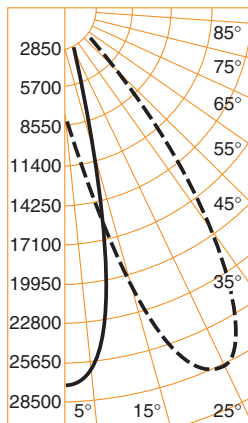
o Vertical Angles
* Initial Lamp Lumens

Notes

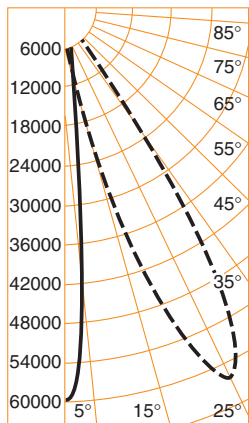
- All data with standard trim, Softglow® clear.
- Colored cone multipliers vary with lamp source, beam orientation and degree of angulation. Contact the factory for specific data.
- Candlepower distribution curves: solid lines show horizontal distribution at nadir, dotted lines show horizontal distribution at 25° lamp tilt.
- Pattern diameters are determined from each side of nadir with 0° lamp tilt. The diameter includes both sides, so a 10° diameter represents a total 20° pattern width at the floor. Footcandles are measured at the diameter edge. Tilting the lamp changes all data.



H8608FM 150W PAR-38 WFL
Eff. 69% S/M .79



H8608FM 150W PAR-38 FL
Eff. 83% S/M .46



H8608FM 150W PAR-38 SP
Eff. 91% S/M .27

Vertical Angles	150W		
	8800*	8800*	8800*
0	10320	27225	59987
5	10335	25960	41200
10	10411	19847	22423
15	9618	11911	10740
20	7553	6833	6567
25	4138	2784	2167
30	1837	980	608
35	516	249	229
40	166	115	100
45	52	39	36
50	24	11	0
55	18	0	0
60	5	0	0
65	0	0	0
70	0	0	0
75	0	0	0
80	0	0	0
85	0	0	0
90	0	0	0

o Vertical Angles
* Initial Lamp Lumens

Brightness

Number	Lamps	85°	75°	65°	55°	45°
H8608FM	70W PAR-38 SP	75	207	412	906	1983
	70W PAR-38 FL	142	351	713	1608	3466
	70W PAR-38 WFL	313	943	2078	4630	8546

Number	Lamps	85°	75°	65°	55°	45°
H8608FM	150W PAR-38 SP	136	375	744	1632	3588
	150W PAR-38 FL	259	638	1299	2928	6303
	150W PAR-38 WFL	508	1531	3376	7522	13887

Data in footlamberts. Photometer readings, Maximum Brightness Method. Data collected with lamps tilted 25°.