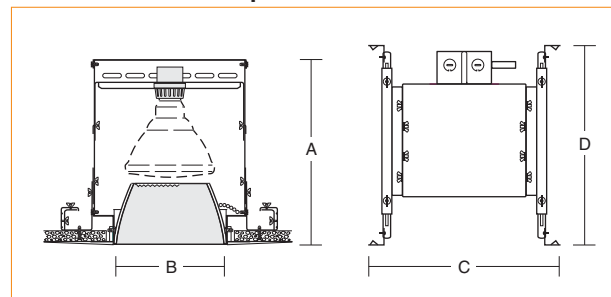


Dimensions and Lamps



Number	A Depth	B Aperture	C Width	D Length	Lamps
H8634FM	10" 254mm	6" sq. 153mm	15" 381mm	14 1/4" 362mm	50-75W PAR-30 45-120W PAR-38

For 250W PAR-38 lamp contact the factory.

H8634FM

**Flush Mount Downlight
PAR Lamps to 120W
6" Square Parabolic Trim**

Flush Mount

Kurt Versen's flush mount fixtures eliminate overlapping flanges and lock into the ceiling for a unique, finished appearance. A clean, uncluttered ceiling emphasizes the attention to detail, enhancing the impact of the interior environment. It is a factory installed option with a proven installation technique.

Optics and Applications

Distribution patterns and spacing to mounting height ratios change with the lamps accommodated. Choose from narrow to broad patterns. Focal position is factory set for PAR-38, adjusts on the job to PAR-30.

Design Features

Square trim sections provide excellent brightness control. From normal viewing angles the aperture presents a soft luminous glow. Flush mount design resists cracking and chipping by mechanically fastening fixture to drywall. To simplify installation, three adjustment mechanisms adapt the fixture to ceiling conditions. Adjustable mounting rails fit different support systems and accommodate ceiling thicknesses from 3/8" to 7/8". Maximum extension is 26". Top or bottom service.

Finish

Trims are standard anodized Softglow® clear with optional colors available. Housing and structural parts are painted optical matte black to suppress stray light leaks.

General

Fixtures are 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.
 - WHT White complete trim.
 - FLT6 Full lens trim, specify lens type, e.g. H8634FM-FLT6LL.**
 - WRL Wattage restriction label, specify wattage.
 - FMW Flush mount wood, contact the factory.
 - 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 accessory holder.
**FLT, FF options not for use with 250W lamp.

- BR Bright trim finish.
- HL Hexcell louver.*
- LS Lamp shield.*
- LL Linear spread lens.*
- LP Large prism lens.*
- MP Microprism lens.*
- WR White trim return.
- FR Frosted lens, specify lens type.*

Matching Square Units

Directionals
Wall washers

[Section FMH 5](#)
[Section FMH 6](#)

FMH H8634FM

4-10

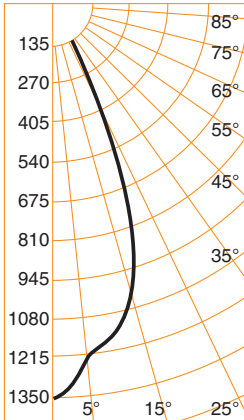
Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor	Multiple Units Initial Footcandles, 30" Work Plane			
H8634FM 50W PAR-30/S/FL Read Top Data H8634FM 75W PAR-30/L/FL Read Bottom Data							Ceiling 80% Walls 50% Floor 20%			
Nadir						8'	Spacing is Maximum Over Work Plane			
10°		15°		20°			Spacing	RCR 1	RCR 3	RCR 8
FC	FC	Diam	FC	Diam	FC	Diam				
45	37	2'	32	3'	21	4'	4'	47	43	34
61	48	2'	38	3'	25	4'	4'	73	65	52
32	27	2'	23	3'	15	5'	5'	34	30	24
44	34	2'	27	3'	18	5'	4'	52	47	37
24	20	3'	17	4'	11	5'	5'	25	23	18
33	26	3'	21	4'	14	5'	5'	39	35	28
15	13	3'	11	5'	7	7'	7'	16	14	11
21	16	3'	13	5'	9	7'	6'	24	22	18
10	9	4'	7	6'	5	8'	8'	11	10	8
14	11	4'	9	6'	6	8'	7'	17	15	12

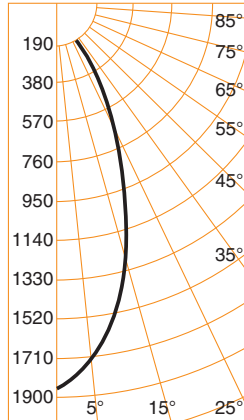
Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor	Multiple Units Initial Footcandles, 30" Work Plane			
H8634FM 100W PAR-38FL Read Top Data H8634FM 120W PAR-38FL Read Bottom Data							Ceiling 80% Walls 50% Floor 20%			
Nadir						10'	Spacing is Maximum Over Work Plane			
10°		15°		20°			Spacing	RCR 1	RCR 3	RCR 8
FC	FC	Diam	FC	Diam	FC	Diam				
86	59	3'	43	4'	27	5'	4'	117	105	85
85	66	3'	39	4'	17	5'	4'	107	97	81
53	37	3'	27	5'	17	7'	5'	73	65	53
53	41	3'	24	5'	10	7'	5'	67	61	51
36	25	4'	18	6'	12	8'	6'	50	45	36
36	28	4'	16	6'	7	8'	6'	46	41	35
26	18	5'	13	7'	8	10'	7'	36	32	26
26	20	5'	12	7'	5	10'	7'	33	30	25
20	14	5'	10	8'	6	11'	8'	27	25	20
20	16	5'	9	8'	4	11'	8'	25	23	19

Colored cone multipliers: Gold x .95, Wheat x .91, Pewter x .86, Bronze x .83, Black x .75, Graphite x .75, Mocha x .80, Titanium x .75.

Candlepower Distribution



H8634FM 50W PAR-30/S/FL
Eff. 81% S/M .70



H8634FM 75W PAR-30/L/FL
Eff. 85% S/M .64

Candelas

	50W	75W
o	770*	940*
0	1361	1851
5	1213	1715
10	1186	1526
15	1088	1284
20	774	928
25	358	474
30	143	198
35	44	74
40	21	32
45	7	15
50	0	0
55	0	0
60	0	0
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

o Vertical Angles
* Initial Lamp Lumens

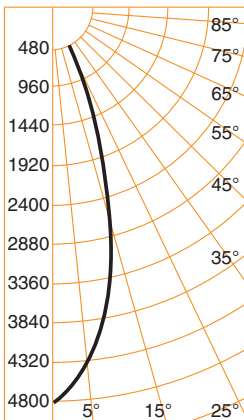
Brightness

Number	Lamps	85°	75°	65°	55°	45°
		10	33	61	117	2052
H8634FM	50W PAR-30/S/FL	10	33	61	117	2052
	75W PAR-30/L/FL	12	37	69	132	2307
	100W PAR-38 FL	23	63	100	178	2050
	120W PAR-38 FL	22	59	94	168	1927

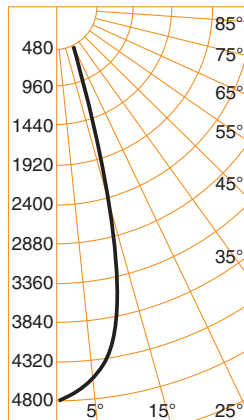
Data in footcandelas. Photometer readings, Maximum Brightness Method.

Notes

1 For additional photometric data, refer to catalog page H8.



H8634FM 100W PAR-38 FL
Eff. 78% S/M .53



H8634FM 120W PAR-38 FL
Eff. 76% S/M .51

	100W	120W
o	2070*	1800*
0	4818	4785
5	4284	4491
10	3492	3901
15	2672	2415
20	1844	1119
25	815	450
30	288	176
35	103	76
40	50	40
45	21	16
50	11	8
55	8	0
60	0	0
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

o Vertical Angles
* Initial Lamp Lumens