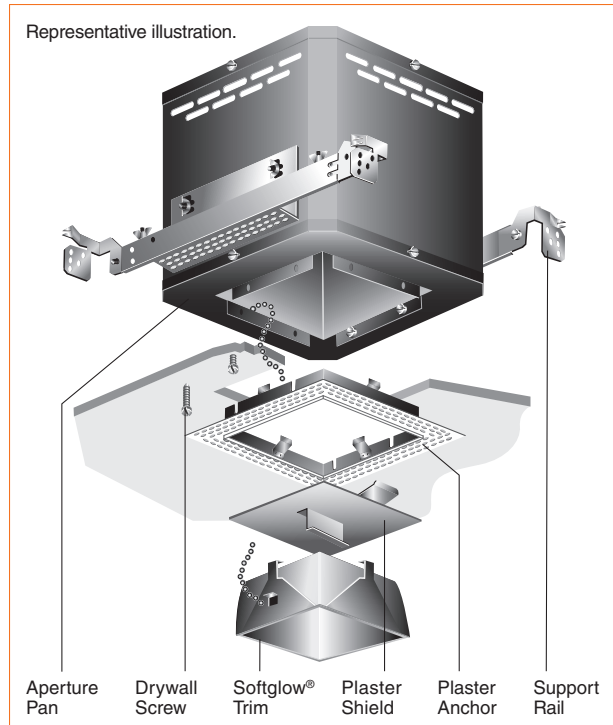
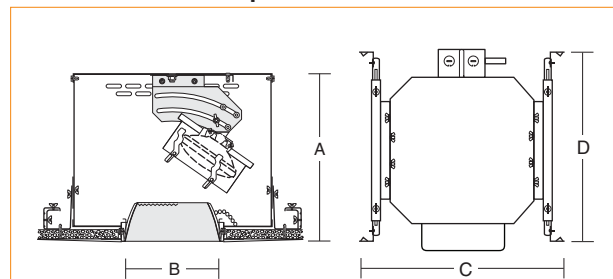


Representative illustration.



Dimensions and Lamps



Number	A Depth	B Aperture	C Width	D Length	Lamps
H8636FM	10 3/4" 273mm	6" sq. 153mm	18 1/2" 470mm	19 1/2" 496mm	25-50W PAR-36 25-75W AR111

H8636FM

Flush Mount Directional Downlight PAR-36, AR111 Low Voltage Lamps 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

The parabolic trim contour offers shielding and controls lamp brightness, even when at maximum lamp angulation. Use to highlight merchandise, art and general points of interest.

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 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

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

Transformer

Each fixture is supplied with a magnetic transformer capable of accommodating low voltage lamps up to 75W. The primary lead is 120V with a 12V or 5.5V secondary. The transformer is rated 180°C, Class H with a built-in 150° resetting thermal link fuse. It can be lowered through the aperture for service. Maximum fixture draw is 85W.

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.
- WHT White complete trim.
- FR Frosted lens, specify lens type.
- V277 277 volt primary magnetic transformer.
- FLT6 Full lens trim, specify lens type, e.g. H8636FM-FLT6LL.
- FMW Flush mount wood, contact the factory.
- WRL Wattage restriction label, specify wattage.
- BR Bright trim finish.
- HL Hexcell louver.
- UV Ultraviolet filter.
- LS Lamp shield.
- LL Linear spread lens.
- LP Large prism lens.
- MP Microprism lens.
- DP Fixed downlight position.
- WR White trim return.

Matching Square Units

Downlights
Wall washers

Section FMH 4
Section FMH 6

FMH H8636FM

5-6

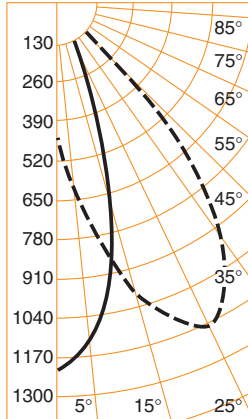
Footcandle Values at Nadir

Distance	10'			15'			20'			25'		
	Size of Light	FC at Center	FC at Edge	Size of Light	FC at Center	FC at Edge	Size of Light	FC at Center	FC at Edge	Size of Light	FC at Center	FC at Edge
25W PAR-36 WFL	17' x 14'	8	1.0	25' x 21'	3	.3	33' x 28'	2	.2	42' x 35'	1	.1
25W PAR-36 NSP	3' x 2'	37	4.0	5' x 4'	16	2.0	6' x 5'	9	1.0	8' x 7'	6	1.0
50W PAR-36 WFL	17' x 14'	12	1.0	25' x 21'	5	.5	33' x 28'	3	.3	42' x 35'	2	.2
50W PAR-36 NSP	4' x 3'	85	9.0	6' x 5'	38	4.0	9' x 7'	21	2.0	11' x 8'	14	1.0

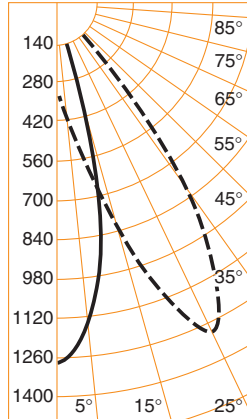
Distance	10'				15'				20'				25'							
	Nadir		5°	10°	Nadir		5°	10°	Nadir		5°	10°	Nadir		5°	10°				
Lamps	FC	FC	Diam	FC	Diam	FC	FC	Diam	FC	Diam	FC	Diam	FC	FC	Diam	FC	Diam			
35W AR111/FL/25°	13	11	2'	8	4'	6	5	3'	4	5'	3	3	3'	2	7'	2	2	4'	1	9'
35W AR111/SP/8°	99	26	2'	9	4'	44	12	3'	4	5'	25	7	3'	2	7'	16	4	4'	1	9'
75W AR111/FL/25°	43	37	2'	27	4'	19	17	3'	12	5'	11	9	3'	7	7'	7	6	4'	4	9'
75W AR111/SP/8°	258	95	2'	39	4'	115	42	3'	17	5'	65	24	3'	10	7'	41	15	4'	6	9'

See note 4.

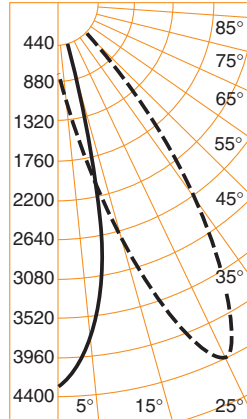
Candlepower Distribution



H8636FM 50W PAR-36 FL
Eff. 44% S/M .55



H8636FM 35W AR111 FL
Eff. 55% S/M .40



H8636FM 75W AR111 FL
Eff. 51% S/M .40

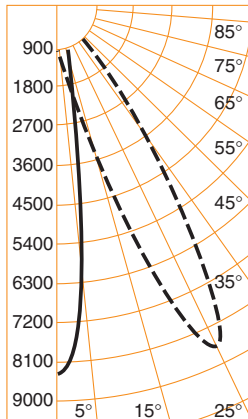
Candelas at Nadir

Vertical Angles	50W	35W	75W
	900*	350*	1250*
0	1219	1287	4291
5	1109	1129	3762
10	1001	845	2818
15	699	265	883
20	375	47	155
25	185	11	37
30	71	0	16
35	22	0	0
40	9	0	0
45	0	0	0
50	0	0	0
55	0	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

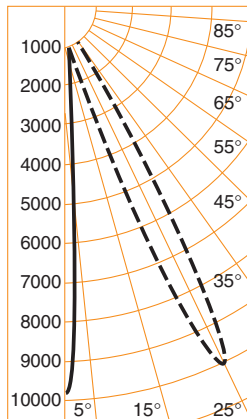
° Vertical Angles
* Initial Lamp Lumens

Notes

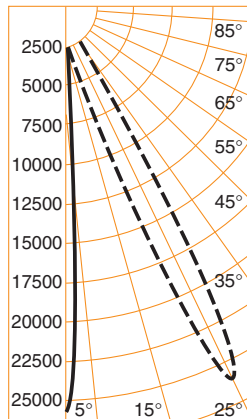
- Data with a clear Softglow® trim.
- Colored cone multipliers vary with lamp source, beam orientation and degree of angulation. Contact the factory for specific data.
- Candlepower distribution curves: solid lines show horizontal distribution at nadir, dotted lines show horizontal distribution at 25° 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.



H8636FM 50W PAR-36 NSP
Eff. 94% S/M .28



H8636FM 35W AR111 SP
Eff. 82% S/M .11



H8636FM 75W AR111 SP
Eff. 83% S/M .13

Vertical Angles	50W	35W	75W
	920*	350*	1250*
0	8465	9904	25809
5	6346	2646	9621
10	3221	952	4098
15	1068	46	166
20	229	12	45
25	39	0	9
30	9	0	0
35	0	0	0
40	0	0	0
45	0	0	0
50	0	0	0
55	0	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

° Vertical Angles
* Initial Lamp Lumens

Brightness

Number	Lamps	85°	75°	65°	55°	45°
H8636FM	25W PAR-36 WFL	8	22	43	88	183
	50W PAR-36 WFL	12	32	64	127	261

Number	Lamps	85°	75°	65°	55°	45°
H8636FM	35W AR111 FL	3	9	16	34	75
	75W AR111 FL	9	28	56	115	260

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