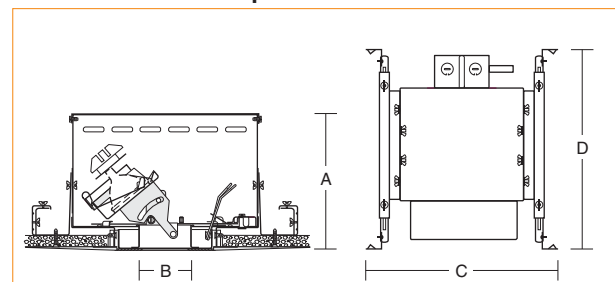


Dimensions and Lamps



Number	A Depth	B Aperture	C Width	D Length	Lamps
K7401FM	6 1/8" 156mm	2" 50mm	15" 381mm	14 1/4" 362mm	20-75W MR-16 Low voltage

Matching Units
Straight downlights
Wall washers

Section FM 1
Section FM 3

K7401FM

**Flush Mount Directional Pinhole
MR-16 Lamps to 75W
2" Pinhole Aperture**

Flush Mount

Kurt Versen's flush mount fixtures eliminate overlapping edges 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

A variety of beam patterns is available. Use when MR-16 lamps are specified and a pinhole aperture is preferred.

Design Features

The lamp rotates 360°, tilts 40° and locks into position. A proprietary lampholder features a ceramic socket, aluminum heat sink and reflective heat shield. It accepts two accessories and tilts for relamping while maintaining its aiming position. Stainless steel springs retain the lamp. 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 ceilings from 3/8" to 7/8" thick. Maximum extension is 26". Top or bottom service.

Finish

The faceplate is standard matte white enamel. Housing and structural parts are optical matte black.

Transformer

Each fixture has a magnetic transformer for MR-16 lamps up to 75W. The primary lead is 120V with a 12V secondary. The transformer is rated 180°C Class H with a built-in 150°C thermal reset. It is accessible through the aperture. 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

- HL Hexcell louver.
- LL Linear spread lens.
- LP Large prism lens.
- MP Microprism lens.
- DP Fixed downlight position.
- UV Ultraviolet filter.
- OV Oval aperture faceplate.
- SA Satin aluminum faceplate.
- BAK Brushed aluminum faceplate.
- V277 277 volt primary magnetic transformer.
- FR Frosted lens. Example: LLFR for linear lens frosted.
- CC Custom color faceplate, contact factory.
- WRL Wattage restriction label, specify wattage.
- FMW Flush mount wood, contact the factory.
- PA1 1 1/4" pinhole aperture faceplate.
- ET1 Electronic transformer 120V to 12V.
- ET2 Electronic transformer 277V to 12V.

FM 2-1

K7401FM

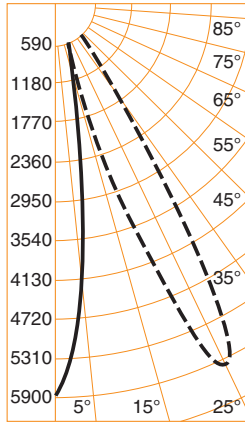
Footcandle Values

Distance		5'			10'			15'			20'										
		Nadir	5°	10°	Nadir	5°	10°	Nadir	5°	10°	Nadir	5°	10°								
MR-16 Lamps	CBCP	FC	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam							
35W NSP/8/FRB 8°	11000	333	193	1'	8	2'	83	48	2'	2	4'	37	21	3'	1	5'	21	12	3'	1	7'
50W NSP/15/EXT 14°	10200	235	165	1'	61	2'	59	41	2'	15	4'	26	18	3'	7	5'	15	10	3'	4	7'
65W NSP/10/FPA 10°	14000	408	241	1'	12	2'	102	60	2'	3	4'	45	27	3'	1	5'	26	15	3'	1	7'
75W NSP/15/EYF 14°	12000	315	204	1'	17	2'	79	51	2'	4	4'	35	23	3'	2	5'	20	13	3'	1	7'

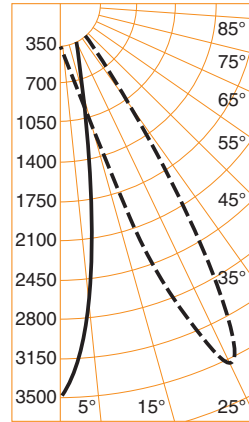
Distance		5'			10'			15'			20'										
		Nadir	10°	15°	Nadir	10°	15°	Nadir	10°	15°	Nadir	10°	15°								
MR-16 Lamps	CBCP	FC	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam							
35W FL/35/FMW 35°	1400	39	39	2'	24	3'	10	10	4'	6	5'	4	4	5'	3	8'	2	2	7'	1	11'
50W FL/40/EXN 40°	2000	67	66	2'	36	3'	17	17	4'	9	5'	7	7	5'	4	8'	4	4	7'	2	11'
65W FL/40/FPB 40°	2100	67	64	2'	19	3'	17	16	4'	5	5'	7	7	5'	2	8'	4	4	7'	1	11'
75W NFL/25/EYJ 25°	4900	154	102	2'	22	3'	39	25	4'	5	5'	17	11	5'	2	8'	10	6	7'	1	11'

See note 2.

Candlepower Distribution



K7401FM 50W MR-16
NSP/15/EXT 14°
Eff. 50% S/M .25



K7401FM 50W MR-16
NFL/25/EXZ 27°
Eff. 37% S/M .27

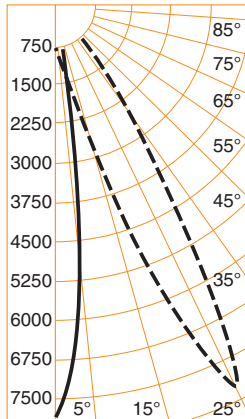
Candelas

o	EXT	EXZ
	10200*	3400*
0	5863	3476
5	4164	2575
10	1593	1236
15	379	404
20	17	41
25	4	3
30	0	0
35	0	0
40	0	0
45	0	0
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

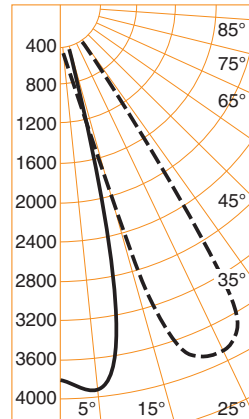
o Vertical Angles
*Center Beam
Candlepower

Notes

- 1 Candlepower distribution curves: the solid lines show horizontal distribution at nadir, the dotted lines show horizontal distribution at 25° lamp tilt.
- 2 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.



K7401FM 75W MR-16
NSP/15/EYF 14°
Eff. 85% S/M .23



K7401FM 75W MR-16
NFL/25/EYJ 25°
Eff. 54% S/M .40

o	EYF	EYJ
	12000*	4900*
0	7869	3854
5	5150	3983
10	1786	2660
15	361	608
20	193	42
25	6	7
30	0	0
35	0	0
40	0	0
45	0	0
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
*Center Beam
Candlepower