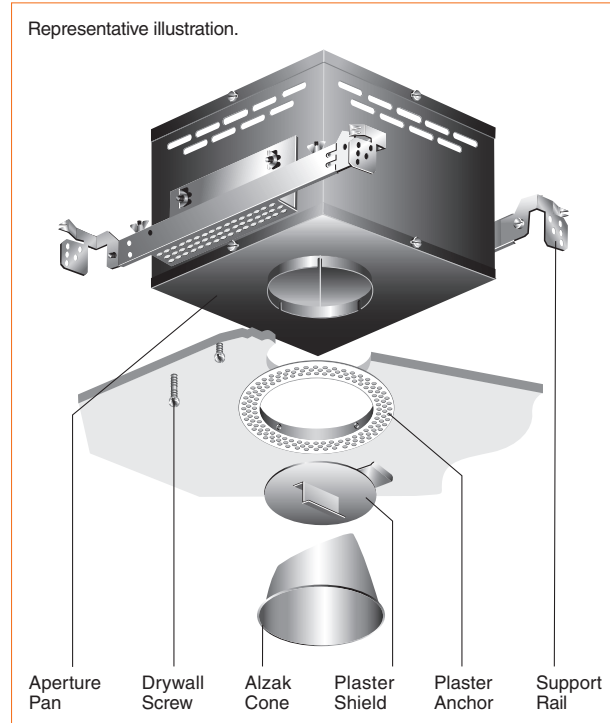
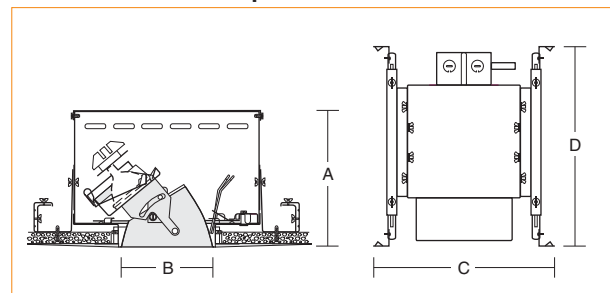


Representative illustration.



Dimensions and Lamps



Number	A Depth	B Aperture	C Width	D Length	Lamp
K7430FM	6 1/8" 156mm	4 1/8" 105mm	15" 381mm	14 1/4" 362mm	20-75W MR-16 Low voltage

Matching Units
Straight downlights
Wall washers

[Section FM 1](#)
[Section FM 3](#)

K7430FM

Flush Mount Directional Downlight
MR-16 Low Voltage Lamps
4 1/8" Round Conoid Aperture

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

MR-16 lamps provide a wide range of beam patterns. Specify for accent and display lighting.

Design Features

The lamp rotates 360°, tilts 45° 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

A specular clear Alzak cone is standard. Optional colors and Softglow® finishes are available.

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

- B Black cone.
- G Gold cone.
- H Mocha cone.
- P Graphite cone.
- T Titanium cone.
- W Wheat cone.
- Y Pewter cone.
- Z Bronze cone.
- HL Hexcell louver.
- LS Lamp shield.
- LL Linear spread lens.
- LP Large prism lens.
- MP Microprism lens.
- UV Ultraviolet filter.
- WR White cone return.
- WHT White complete trim.
- STC Straight top cone, restricts tilt angle to 10°.
- S Softglow® finishes: add S before color letters. e.g. SW for Softglow®wheat cone, SC for Softglow®clear cone.
- FR Frosted lens. Example: LLFR for linear lens frosted.
- WRL Wattage restriction label, specify wattage.
- V277 277 volt primary magnetic transformer.
- FLC4 Full lens cone, specify lens, e.g. K7430FM-FLC4LL.
- FMW Flush mount wood, contact the factory.
- ET1 Electronic transformer 120V to 12V.
- ET2 Electronic transformer 277V to 12V.

FM 2-2 K7430FM

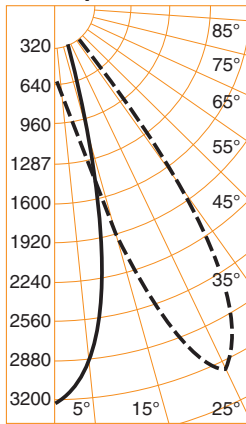
Footcandle Values

Distance	5'			10'			15'			20'												
	Nadir	10°	15°	Nadir	10°	15°	Nadir	10°	15°	Nadir	10°	15°										
Lamps, MR-16	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam							
K7430FM 50W NFL/EXZ 25°	126	76	2'	40	3'		32	19	4'	10	5'		14	8	5'	4	8'	8	5	7'	3	11'
K7430FM 75W FL/EYC 40°	77	69	2'	55	3'		19	17	4'	14	5'		9	8	5'	6	8'	5	4	7'	3	11'

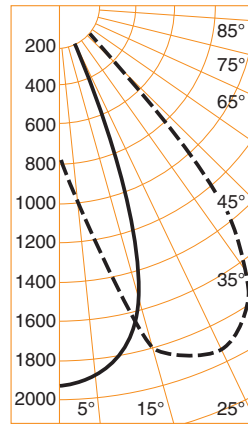
See note 4.

Distance	5'			10'			15'			20'												
	Nadir	5°	10°	Nadir	5°	10°	Nadir	5°	10°	Nadir	5°	10°										
Lamps, MR-16	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam							
K7430FM 50W NSP/EXT 15°	310	238	1'	109	2'		78	60	2'	27	4'		34	26	3'	12	5'	19	15	3'	7	7'
K7430FM 75W NSP/EYF 15°	336	232	1'	93	2'		84	58	2'	23	4'		37	26	3'	10	5'	21	15	3'	6	7'

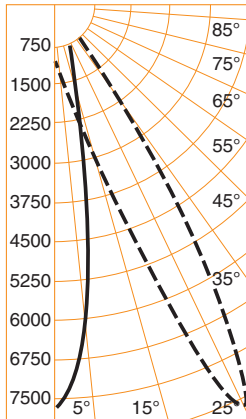
Candlepower Distribution



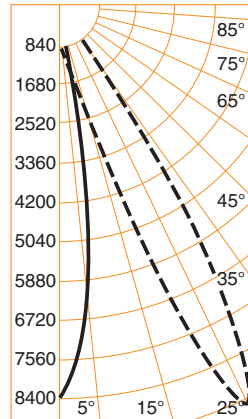
K7430FM 50W MR-16 EXZ 25°
Eff. 76% S/M .41



K7430FM 75W MR-16 EYC 40°
Eff. 64% S/M .66



K7430FM 50W MR-16 EXT 15°
Eff. 93% S/M .28



K7430FM 75W MR-16 EYF 15°
Eff. 95% S/M .25

Candelas

°	K7430FM	K7430FM
	884*	1202*
0	3162	1930
5	2860	1814
10	1982	1804
15	1121	1515
20	509	955
25	212	357
30	82	58
35	9	10
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

° Vertical Angles
* Initial Lamp Lumens

°	K7430FM	K7430FM
	889*	650*
0	7752	8390
5	6027	5868
10	2865	2425
15	917	340
20	305	24
25	115	0
30	21	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

° Vertical Angles
* Initial Lamp Lumens

Notes

- 1 Data with clear specular cones.
- 2 Colored cone multipliers vary with lamp source, beam orientation, and degree of angulation. Contact the factory for specific data.
- 3 Candlepower distribution curves: solid lines show horizontal distribution at nadir, dotted lines show horizontal distribution at 25° lamp tilt.
- 4 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 work plane. Footcandles are measured at the diameter edge. Tilting the lamp changes all data.

Brightness

Number	Lamps, MR-16	85°	75°	65°	55°	45°
K7430FM	50W NFL/EXZ 25°	5	27	41	76	145
	75W FL/EYC 40°	9	35	60	105	199

Number	Lamps, MR-16	85°	75°	65°	55°	45°
K7430FM	50W NSP/EXT 15°	3	19	34	50	95
	75W NSP/EYF 15°	4	21	35	57	101

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