

Representative illustration.



Dimensions and Lamps

Number	A Depth	B Aperture	C Width	D Length	Lamps
T4216FM	7 3/4" 191mm	4 1/2" x 8 1/2" 114mm x 216mm	19 7/8" 505mm	15 3/4" 391mm	Two LED MR-16 and Low voltage lamps to 71W

T4216FM

Flush Mount Directional

Two MR-16 LED and Low Voltage Lamps to 71W
4 1/2" x 8 1/2" Rectangular 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 offer a range of beam patterns. Illuminate different objects with a single fixture or use one luminaire for multiple effects.

Design Features

Each lamp aims 360°, tilts 45° and locks into position. A proprietary lampholder includes a ceramic socket, aluminum heat sink and reflective heat shield. It accepts two accessories and tilts for relamping while maintaining its aiming position. 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

Housing is optical matte black to suppress light leaks. Standard trim is Softglow® clear. Other options available.

Transformers

Electronic transformers recommended for use with LED lamps. Standard fixtures provided with two transformers capable of accommodating low voltage lamps up to 71W. The primary lead is 120V with a 12V secondary. Each is rated 180°C, Class H with a built-in thermal reset. It can be lowered through the aperture for service. Total fixture draw is 160W.

General

Fixture is pre-wired and thermally protected, UL and C-UL listed for damp location and eight wire 75°C branch circuit wiring. All products are union made. Designed and manufactured in the USA.

Warranty

5 Year Warranty. See www.kurtversen.com for details or select hyperlink.

Accessories

SB	Softglow black trim.	WT	White trim return.
SG	Softglow gold trim.	WHT	White complete trim.
SW	Softglow wheat trim.	HL	Hexcell louver.
SY	Softglow pewter trim.	HD	Hood.
UV	Ultraviolet filter.	LS	Clear lens.
DCT	Double circuiting.	LL	Linear lens.
FR	Frosting on lens.	SO	Solite lens.
V277-2	Primary magnetic transformers, 277 volt.		
FMW	Flush mount wood, contact the factory.		
FLT8	Full lens trim. Specify lens type, e.g. T4216FM-FLT8LL.		
WRL	Wattage restriction label, specify wattage.		
ET1-2	Electronic transformers 120V to 12V.		
ET2-2	Electronic transformers 277V to 12V.		

T4216FM

Cut out dimensions: 9 13/16" x 5 7/16".

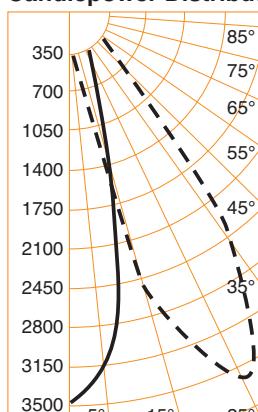
Footcandle Values at Nadir, Each Lamp

Distance	5'			10'			15'			20'			
	Nadir	10°	15°										
Lamps	FC	FC	Diam										
T4216FM 50W MR16/NFL/25°	136	91	2'	51	3'	34	23	4'	13	5'	15	10	5'
T4216FM 71W MR16/FL/40°	84	80	2'	55	3'	21	20	4'	14	5'	9	9	5'

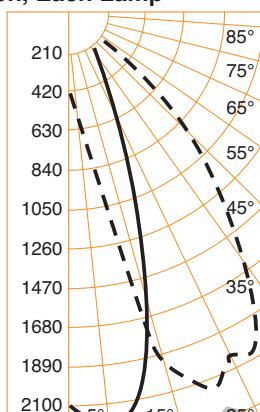
Distance	5'			10'			15'			20'			
	Nadir	10°	15°										
Lamps	FC	FC	Diam										
T4216FM 50W MR16/NSP/15°	408	85	2'	40	3'	102	21	4'	10	5'	45	9	5'
T4216FM 71W MR16/NSP/15°	480	40	2'	19	3'	120	10	4'	5	5'	53	4	5'

See note 3.

Candlepower Distribution, Each Lamp



T4216FM 50W MR16/NFL
EXZ 25°



T4216FM 71W MR16/FL
EYC 40°

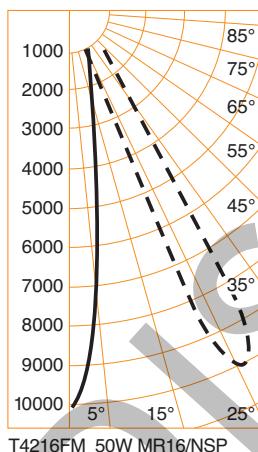
Candelas at Nadir

° Vertical Angles	50W NFL	71W FL
	3400*	2100*
0	3400	2100
5	2890	2205
10	2380	2100
15	1415	1520
20	450	945
25	250	575
30	50	210
35	0	105
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

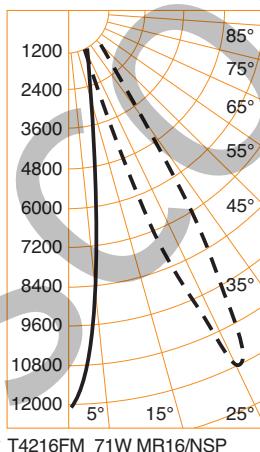
° Vertical Angles * CBCP

Notes

- 1 All data with standard Softglow® clear trim.
- 2 Candlepower distribution curves: solid lines show horizontal distribution at nadir, dotted lines show horizontal distribution at 25° lamp tilt.
- 3 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.



T4216FM 50W MR16/NSP
EXT 15°



° Vertical Angles	50W NSP	71W NSP
	10200*	12000*
0	10200	12000
5	6210	6520
10	2220	1050
15	1110	520
20	50	25
25	0	0
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

° Vertical Angles * CBCP