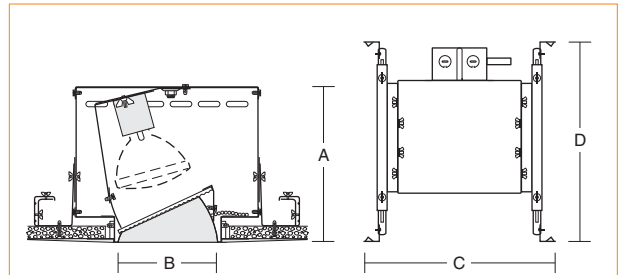


**Dimensions and Lamps**



Number	A Depth	B Aperture	C Width	D Length	Lamps
H8451FM	7 1/2" 191mm	4 1/2" sq. 114mm	15" 381mm	14 1/4" 362mm	40-75W PAR-16 35-50W PAR-20 50-75W PAR-30S

Factory sets lamp position for PAR-16/PAR-20, can be adapted on site for PAR-30S.

**H8451FM**

**Flush Mount Wall Washer**  
**One PAR-16, PAR-20 or PAR-30 Lamp**  
**4 1/2" Square Flush Mount 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 wallwash reflector directs light through a microprism spread lens creating a visually uniform plane of light on the wall from fixtures on indicated spacings.

**Design Features**

A vented steel housing is standard. After installation, optics are adjustable in 90° increments through 360° to correct orientation. 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**

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

**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.
- BR Bright trim finish.
- WR White trim return.
- WHT White complete trim.
- FMW Flush mount wood, contact the factory.
- WRL Wattage restriction label, specify wattage.

**Matching Square Units**

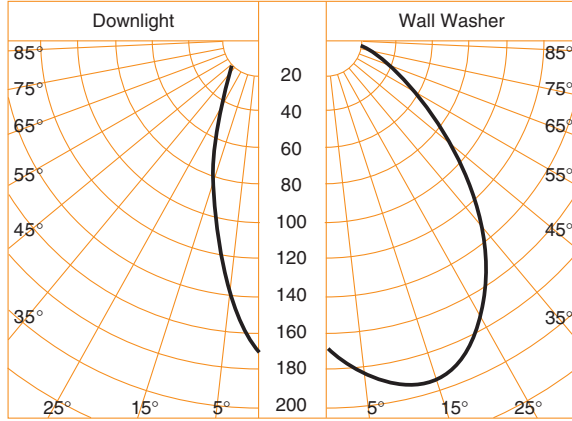
Straight downlights  
 Directional downlights

[Section FMH 4](#)  
[Section FMH 5](#)

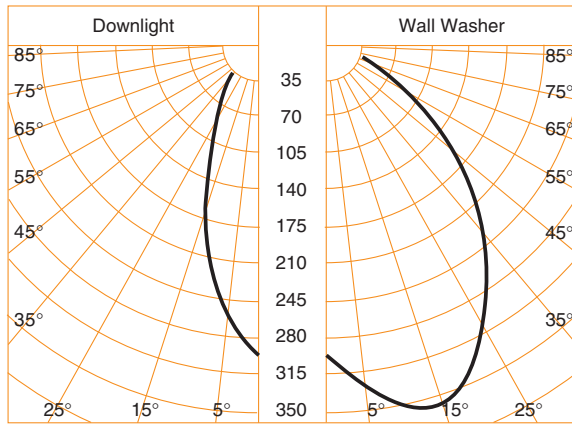
# FMH H8451FM

## 6-3

### Candlepower Distribution Curves



H8451FM 50W PAR-20 NFL



H8451FM 75W PAR-16 NFL

### Brightness

Number	Lamps	85°	75°	65°	55°	45°
H8451FM	50W PAR-20 NFL	17	59	135	2248	7465
	75W PAR-16 NFL	26	93	213	3505	11780

Data in footlamberts. Photometer readings.  
Maximum Brightness Method.

### Multiple Units Footcandles

From Ceiling	2' from wall		3' from wall		4' from wall							
	2' Centers		3' Centers		4' Centers		6' Centers					
	C/L	Mid	C/L	Mid	C/L	Mid	C/L	Mid				
1'	9	7	8	4	3	2	3	1	1	1	.2	
2'	11	12	9	7	4	4	4	2	2	2	1	
3'	10	10	7	7	5	5	4	3	3	3	2	1
4'	8	8	5	5	5	5	4	4	3	3	2	2
5'	6	6	4	4	4	4	3	3	3	3	2	2
6'	4	5	3	3	3	4	3	3	3	3	2	2
7'	3	3	2	2	3	3	2	2	2	2	2	2
8'	3	3	2	2	2	2	2	2	2	2	1	1
9'	2	2	1	1	2	2	2	2	2	2	1	1
10'	2	2	1	1	2	2	1	1	1	2	1	1

H8451FM 50W PAR-20 NFL

From Ceiling	2' from wall		3' from wall		4' from wall							
	2' Centers		3' Centers		4' Centers		6' Centers					
	C/L	Mid	C/L	Mid	C/L	Mid	C/L	Mid				
1'	16	12	14	7	5	4	5	2	2	1	2	.3
2'	20	21	16	12	8	7	7	4	4	3	3	1
3'	18	19	13	12	9	9	8	6	5	5	4	2
4'	14	14	9	10	9	9	7	6	5	5	4	3
5'	11	11	7	7	8	8	6	6	5	5	4	3
6'	8	8	5	5	6	6	5	5	5	5	3	3
7'	6	6	4	4	5	5	4	4	4	4	3	3
8'	5	5	3	3	4	4	3	3	4	4	2	2
9'	4	4	3	3	4	4	3	3	3	3	2	2
10'	3	3	2	2	3	3	2	2	3	3	2	2

H8451FM 75W PAR-16 NFL

### Notes

- All data calculated with Softglow® clear trims and a microprism spread lens.
- If colored trims are required, only the lens trim will be tinted. The kicker reflector is always clear Alzak for maximum output and true color rendition. Multipliers should be used to correct brightness and downlight data only. Multiple units footcandles are correct as reported above.
- Colored trim multipliers: Gold x .90, Wheat x .85, Mocha x .80, Pewter x .80, Graphite x .75, Titanium x .75, Bronze x .70, Black x .70.
- Data are cosine corrected to the plane of the wall. Uncorrected data are much higher and depend upon the angle of incidence to the wall which varies with the mounting distance from the wall.
- Kurt Versen wall washers minimize hard shadow lines at the ceiling. Intensity increases gradually to just above eye level. The illuminated field is uniform and devoid of hot spots, striations and spikes.
- Above data measure output of the wall washers only. No contribution from adjacent downlights or ceiling, floor or wall reflectances is included. Total illumination on the wall increases with the contribution from other sources.