

K7526

Lens Wall Washer
MR-16 LED and Low Voltage Lamps to 71W
4 1/8" Conoid Aperture

Optics and Applications

A kicker reflector redirects spill light through a prismatic glass spread lens. Use to light walls, murals, paintings, draperies, tapestries and textured surfaces such as stone, masonry or wood. Matte wall finishes are recommended to reduce specular reflections.

Design Features

The lampholder and lens-cone assembly rotates 360° for perfect alignment to the wall. Torsion springs hold it against the ceiling with constant pressure. Kurt Versen uses a pronged aluminum heat sink and a reflective shield to divert heat from the bi-pin socket. The complete assembly is hinged and drops to facilitate relamping. Maximum ceiling thickness 7/8". Bottom service only.

Finish

A specular clear Alzak cone is standard. Optional colors and Softglow® finishes are available. Housing and structural parts are painted optical matte black to suppress stray light leaks. Steel parts are phosphate conditioned for corrosion resistance before painting.

Transformer

Electronic transformers recommended for use with LED. Standard fixture provided with a transformer capable of accommodating MR-16 lamps up to 71W. 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 can be lowered through the aperture for service. Maximum fixture draw is 80W.

General

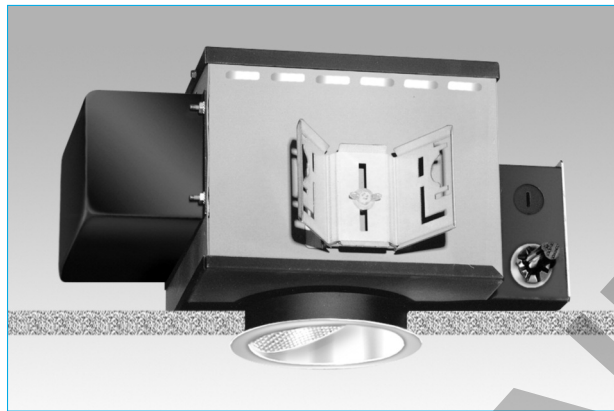
Fixtures are pre-wired and thermally protected, UL and C-UL listed for eight wire 75°C branch circuit wiring. All products are union made. Designed and manufactured in the USA.

Warranty

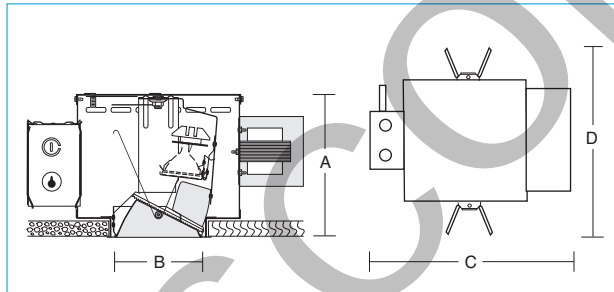
5 Year Warranty. See www.kurtversen.com for details or select hyperlink.

Accessories

- B Black cone. WT White cone flange.
- G Gold cone. WHT White complete cone.
- W Wheat cone. R2 26" support rails.
- Y Pewter cone. R5 52" support rails.
- CP Chicago Plenum.
- UV UV filter, contact factory.
- ET1 Electronic transformer 120V to 12V.
- ET2 Electronic transformer 277V to 12V.
- V277 277 volt primary transformer.
- WRL Wattage restriction label, specify wattage.
- S Softglow® add S to color, e.g. SC Softglow® clear.



Dimensions and Lamps

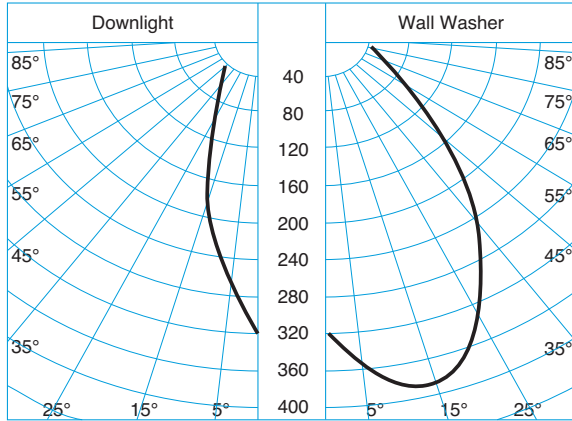


Number	A Depth	B Aperture	C Width	D Length	Lamps
K7526	7 1/4" 184mm	4 1/8" 105mm	14 1/4" 362mm	14 1/4" 362mm	MR-16 LED and Low voltage to 71W

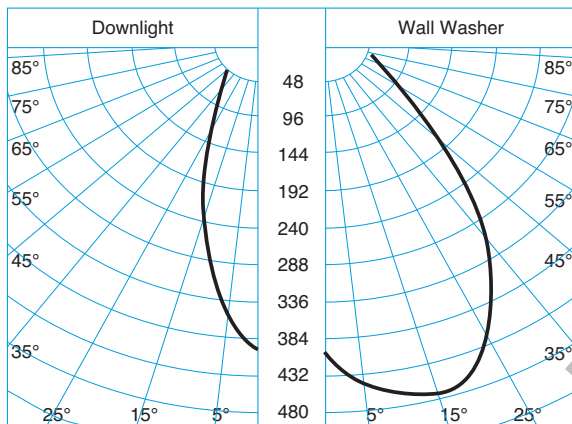
K7526

Cut out dimensions: 4^{29/32}". Outer flange dimension: 5^{3/8}".

Candlepower Distribution Curves



K7526 50W MR-16 FL/40/EXN 40°



K7526 71W MR-16 FL/40/EYC 40°

Multiple Units Footcandles

From Ceiling	2' from wall		3' from wall		4' from wall							
	2' Centers		3' Centers		4' Centers		6' Centers					
	CL	Mid	CL	Mid	CL	Mid	CL	Mid				
1'	11	10	10	6	3	3	3	2	1	1	1	.4
2'	20	17	16	10	7	6	6	4	3	2	2	1
3'	18	17	14	11	9	8	8	5	4	4	3	2
4'	14	14	10	9	9	8	7	6	5	4	4	2
5'	10	10	7	7	7	7	6	5	5	5	4	3
6'	8	8	5	5	6	6	5	4	5	4	3	3
7'	6	6	4	4	5	5	4	4	4	4	3	2
8'	5	5	3	3	4	4	3	3	3	3	2	2
9'	4	4	2	2	3	3	3	3	3	3	2	2
10'	3	3	2	2	3	3	2	2	3	2	2	2

K7526 50W MR-16 FL/40/EXN 40°

From Ceiling	2' from wall		3' from wall		4' from wall							
	2' Centers		3' Centers		4' Centers		6' Centers					
	CL	Mid	CL	Mid	CL	Mid	CL	Mid				
1'	18	15	15	9	5	4	5	2	2	1	2	1
2'	26	22	21	14	10	9	8	5	5	4	4	2
3'	22	21	17	13	11	10	10	7	6	5	5	3
4'	17	17	12	11	11	10	9	7	6	6	5	3
5'	13	12	9	8	9	9	7	6	6	6	5	3
6'	9	9	6	6	8	7	6	5	6	5	4	3
7'	7	7	5	5	6	6	5	5	5	5	4	3
8'	6	6	4	4	5	5	4	4	4	4	3	3
9'	4	4	3	3	4	4	3	3	4	4	3	2
10'	4	4	2	2	3	3	3	3	3	3	2	2

K7526 71W MR-16 FL/40/EYC 40°

Notes

- 1 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.
- 2 Brightness data from the Average Luminance Method are inaccurate for downlights. They are theoretical calculations for large surfaces such as troffer lenses. We recommend the stricter standard of Maximum Brightness Method point data from direct photometer readings. They approximate what the human eye perceives when evaluating glare.
- 3 If colored cones are required, only the lens cone is tinted. The kicker reflector is always clear Alzak for maximum output and color rendition. Multipliers should be used to correct brightness and downlight data only. Multiple units footcandles are correct as reported above.
- 4 Specular cone multipliers: Gold x .94, Wheat x .93, Pewter x .89, Black x .75.
- 5 Softglow® cone multipliers: Clear x .97, Gold x .88, Wheat x .88, Pewter x .81, Black x .65.
- 6 Kurt Versen wall washers are designed to minimize hard shadow lines at the ceiling. Light intensity increases gradually to the maximum, just above eye level. The illuminated field is uniform, devoid of hot spots, striations and spikes.

Brightness

Number	Lamps	85°	75°	65°	55°	45°
K7526	50W MR-16 EXN	3	11	17	1190	5186
	71W MR-16 EYC	4	15	23	1312	6303

Data in footlamberts. Photometer readings, Maximum Brightness Method. See note 2.