

E7519

Wall Washer-Downlight
A and BT-15 Halogena Lamps to 100W
4 1/8" Conoid Aperture

Optics and Applications

This combination downlight and wall washer uses a multi-section compound curve primary reflector and a full circle kicker reflector for wide lateral spread wall washing and medium beam downlighting. Use wherever a small aperture wall washer is required.

Design Features

The kicker reflector and shielding cone are permanently joined to prevent pattern variation. The wall wash reflector assembly may be replaced with a straight downlight cone if job requirements change. Cone and window assembly may be rotated 360° after installation if orientation to the wall requires adjustment. Maximum ceiling thickness 1". Bottom service only.

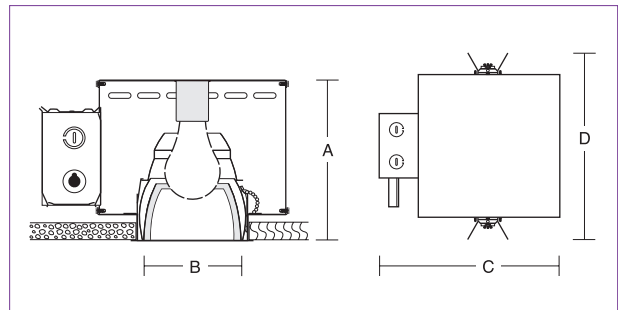
Finish

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

General

Matte wall finishes are recommended to reduce specular reflections. Fixtures are pre-wired and thermally protected, UL and C-UL listed for eight wire 75°C branch circuit wiring. Union made IBEW. Luminaire Efficiency Ratings (LER) do not apply to wall washers.

Dimensions and Lamps



Number	A Depth	B Aperture	C Width	D Length	Lamps
E7519	7" 178mm	4 1/8" 105mm	11" 279mm	14 1/4" 362mm	60-100W A-19 60-100W BT-15 Halogena

Accessories

- R2 26" support rails.
 - R5 52" support rails.
 - B Black cone.
 - G Gold cone.
 - H Mocha cone.
 - P Graphite cone.
 - S Softglow® finishes: add S before color letters. e.g. SW for Softglow® wheat cone, SC for Softglow® clear cone.
 - WT White trim flange.
 - WHT White complete trim.
 - T Titanium cone.
 - W Wheat cone.
 - Y Pewter cone.
 - Z Bronze cone.
- WRL Wattage restriction label, specify wattage.
- L Limited pattern wall wash.
 - D Double wall wash.
 - C 250° corner wall wash.

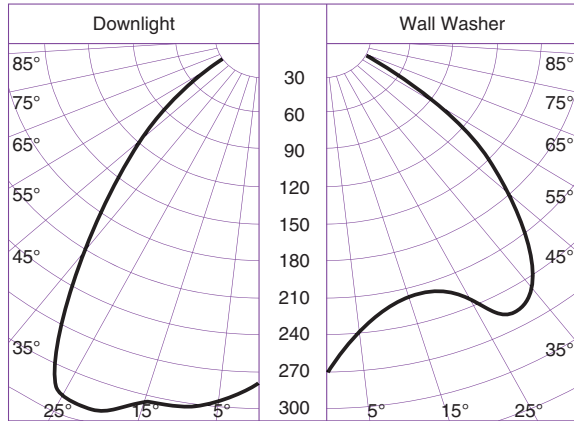
Matching Units *

- Downlights [Pages C1, C2](#)
- Directional [Page C21](#)
- Low voltage [Pages K2, K3, K4, K5](#)

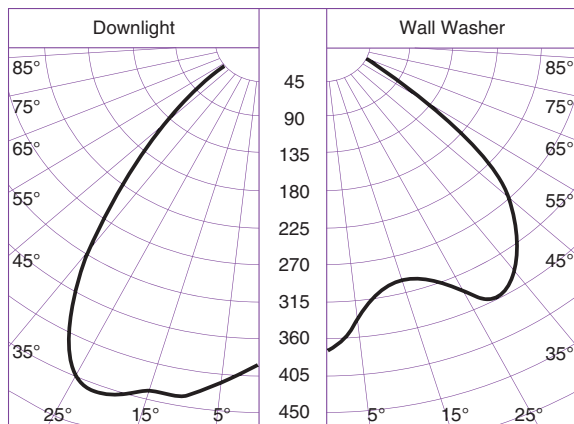
* Click for link to pages in blue.

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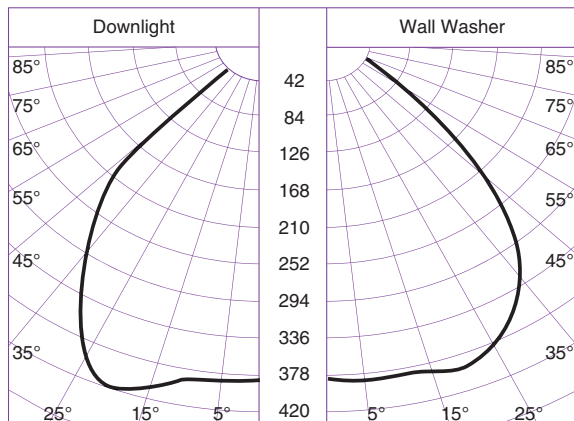
Candlepower Distribution Curves



E7519 75W A-19 IF



E7519 100W A-19 IF



E7519 100W BT-15 Halogena

Brightness

Number	Lamps	85°	75°	65°	55°	45°
E7519	75W A-19 IF	132	232	236	2937	13977
	100W A-19 IF	196	345	350	4366	20776
	60W BT-15 Halogena	87	151	126	1394	11397
	100W BT-15 Halogena	166	277	241	2665	21766

Data in footlamberts. Photometer readings, Maximum Brightness Method. See notes 2 and 6.

Multiple Units Footcandles

From Ceiling	2' from wall		3' from wall				4' from wall					
	2' Centers		3' Centers		3' Centers		4' Centers		4' Centers		6' Centers	
	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid
1'	12	10	10	6	3	2	2	1	1	1	1	1
2'	25	24	19	15	8	7	7	5	3	3	2	1
3'	22	21	15	14	11	11	9	8	5	5	4	3
4'	15	15	10	10	11	11	8	8	6	6	5	4
5'	10	10	7	7	9	9	7	7	6	6	4	4
6'	8	8	5	5	7	7	5	5	6	5	4	4
7'	6	6	4	4	5	5	4	4	5	5	3	3
8'	4	4	3	3	4	4	3	3	4	4	3	3
9'	3	3	2	2	3	3	3	3	3	3	2	2
10'	3	3	2	2	3	3	2	2	3	3	2	2

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From Ceiling	2' from wall		3' from wall				4' from wall					
	2' Centers		3' Centers		3' Centers		4' Centers		4' Centers		6' Centers	
	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid
1'	17	15	14	9	4	4	3	2	2	2	1	1
2'	35	34	27	21	12	10	10	7	4	4	3	2
3'	31	30	21	20	16	16	13	11	8	7	6	4
4'	21	21	14	15	15	15	12	11	9	9	7	5
5'	15	15	10	10	13	13	9	10	9	9	6	6
6'	11	11	7	7	10	10	7	8	8	8	5	5
7'	8	8	6	5	8	8	6	6	7	7	4	5
8'	6	6	4	4	6	6	5	4	5	5	4	4
9'	5	5	3	3	5	5	4	4	4	4	3	3
10'	4	4	3	3	4	4	3	3	4	4	2	2

E7519 100W A-19 IF

From Ceiling	2' from wall		3' from wall				4' from wall					
	2' Centers		3' Centers		3' Centers		4' Centers		4' Centers		6' Centers	
	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid	CL	Mid
1'	14	12	11	8	4	4	4	3	2	2	2	1
2'	28	28	23	17	8	7	6	5	3	3	3	2
3'	28	27	19	18	13	13	10	9	5	4	4	2
4'	21	21	14	14	13	13	10	10	7	7	6	4
5'	16	15	10	10	12	11	9	8	8	8	5	5
6'	12	12	8	8	9	9	7	7	7	7	5	5
7'	9	9	6	6	8	8	6	6	6	6	4	4
8'	7	7	5	5	6	6	5	5	5	5	4	4
9'	5	5	4	4	5	5	4	4	5	4	3	3
10'	4	4	3	3	4	4	3	3	4	4	3	3

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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 Optional colors are on cones only. Kicker reflectors are clear Alzak for output and color rendition. Use multipliers for brightness and downlight data. Multiple units data are correct as shown.
- 3 Specular cone multipliers: Gold x .98, Wheat x .94, Pewter x .80, Mocha x .80, Graphite x .76, Titanium x .76, Bronze x .56, Black x .50.
- 4 Softglow® cone multipliers: Clear x .97, Gold x .84, Wheat x .81, Pewter x .80, Mocha x .79, Graphite x .78, Titanium x .77, Bronze x .73, Black x .65.
- 5 Kurt Versen wall washers minimize hard shadow lines at the ceiling. Intensity increases gradually to just above eye level. The ceiling shadow line is straight and the illuminated field is uniform, devoid of hot spots, striations and spikes.
- 6 Average Luminance Method brightness data are inaccurate for downlights. We recommend Maximum Brightness Method point data from direct photometer readings. Further discussion in Z section brochure Z1.