

P950

Lens Wall Washer
One 26-32-42W Triple Tube Lamp
5 7/8" Round Aperture

Optics and Applications

The optical system utilizes one triple tube lamp, a full circle kicker reflector and a borosilicate glass spread lens for uniform lateral distribution to the wall without hot spots or striations. A parabolic cone controls spill light and prevents objectionable brightness. Use to light walls, murals, bookcases, paintings, textured surfaces, etc.

Design Features

Construction allows easy access to all components. Cone and lens assembly may be rotated 180° after installation. A steel housing protects the reflectors which are joined to provide predictable performance. Vented air flow design assures cool fixture temperature for optimal lamp performance. Fixtures will accept Philips, Osram Sylvania, GE or other compatible lamps despite the variance in lamp base dimensions. Maximum ceiling thickness 1 1/2". Ballast and lamp service from below.

Finish

A specular clear Alzak cone is standard. Optional colors and Softglow® finishes are available. The housing and all structural parts are phosphated for corrosion resistance before being painted optical matte black for control of stray light leaks.

Ballast

Programmed rapid start, microprocessor controlled for rated lamp life and end of lamp life protection. Input voltage range is from 120V through 277V. Operates 26W, 32W or 42W triple tube lamps. Power factor .98. Starting temperature 0°F (-18°C), THD <10%.

General

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

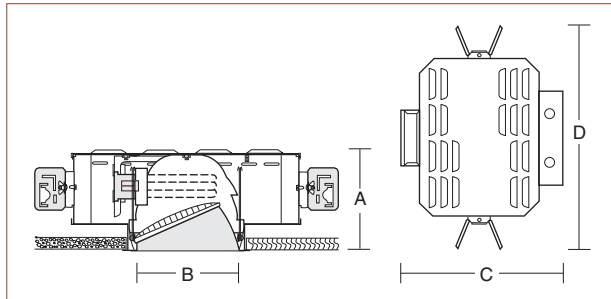
Warranty

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

Accessories

- G Gold cone.
- W Wheat cone.
- Y Pewter cone.
- R2 26" support rails.
- R5 52" support rails.
- S Softglow® add S to color, e.g. SC Softglow® clear.
- DM Dimming ballast. Specify watts and volts.
- DM1 Dimming, 1% minimum, 26-32W, specify watts and volts.
- EM Emergency power includes integral charger light and test switch visible through aperture. Single lamp operation for 90 minutes. Specify volts.
- WRL Wattage restriction label, specify wattage.
- WT White cone flange.
- WHT White complete cone.

Dimensions and Lamps



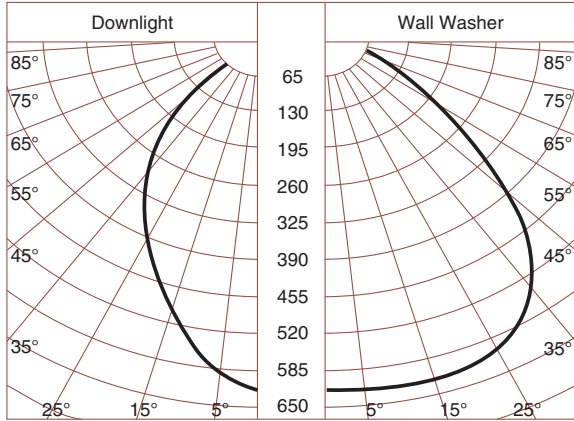
Number	A Depth	B Aperture	C Width*	D Length*	Lamp
P950	6" 152mm	5 7/8" 149mm	13 1/2" 343mm	19" 483mm	26-32-42W Triple Tube

*Width and length increase with EM accessory, contact factory for dimensions.

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Cut out dimensions: 6 13/16". Outer flange dimension: 7 1/4".

Candlepower Distribution Curves

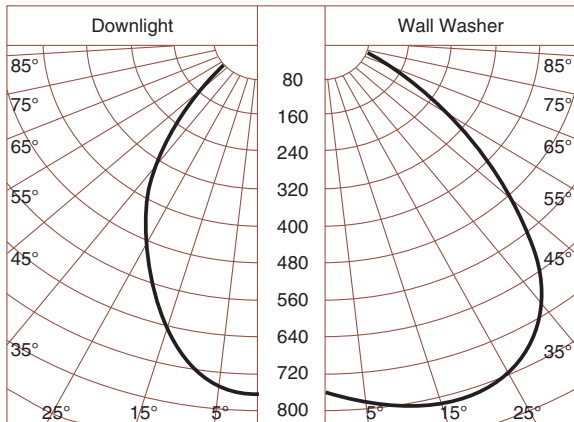


P950 One 32W Philips Triple Tube

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'	36	33	29	20	10	9	9	6	4	3	3	2
2'	54	54	40	34	19	19	16	13	9	8	7	4
3'	47	47	32	31	24	24	19	17	12	12	9	7
4'	34	34	23	23	23	23	18	17	14	14	10	8
5'	24	24	16	16	19	19	14	15	13	14	9	8
6'	17	18	12	12	15	15	11	12	12	12	8	8
7'	13	13	9	9	12	12	9	9	10	10	7	7
8'	10	10	7	7	9	9	7	7	9	9	6	6
10'	6	6	4	4	6	6	5	5	6	6	4	4
12'	4	4	3	3	4	4	3	3	4	4	3	3

P950 One 32W Philips Triple Tube



P950 One 42W Philips Triple Tube

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'	45	42	37	25	13	12	11	7	5	4	4	2
2'	68	68	51	43	25	24	20	16	11	11	9	6
3'	59	60	41	39	31	31	24	22	15	15	11	8
4'	43	43	29	29	29	30	23	22	17	18	13	10
5'	30	30	20	21	25	25	18	18	17	17	12	11
6'	22	22	15	15	20	20	15	15	15	15	11	10
7'	17	17	11	11	16	15	12	12	13	13	9	9
8'	13	13	9	9	12	12	9	9	11	11	7	7
9'	10	10	7	7	10	10	7	7	9	9	6	6
10'	8	8	6	5	8	8	6	6	8	7	5	5

P950 One 42W Philips Triple Tube

Notes

- 1 Data by IES methods. Compact fluorescent data vary due to lamp lumen differences, power input, burning position, ambient temperature and ballast characteristics. A modification factor should be applied.
- 2 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 will increase with the contribution from other sources.
- 3 Data are cosine corrected to the plane of the wall. Uncorrected data would be substantially higher and depend upon the angle of incidence to the wall which varies with the mounting distance from the wall.
- 4 Kurt Versen wall washers are designed to minimize hard shadow lines at the ceiling. Light intensity increases gradually to the maximum area, just above eye level. The field is uniform, devoid of hot spots, striations and spikes.
- 5 If colored cones are required, only the downlight cone will be tinted. The kicker reflector is always clear Alzak for maximum output and true color rendition.
- 6 Specular cone multipliers: Gold x .92, Wheat x .88, Pewter x .78.
- 7 Softglow® cone multipliers: Clear x .99, Gold x .85, Wheat x .81, Pewter x .73.
- 8 Brightness data from the Average Luminance Method are inaccurate for small aperture downlights. They are theoretical calculations derived for large surfaces such as troffers.

Brightness

Number	Lamps	85°	75°	65°	55°	45°
P950	One 32W Philips Triple Tube	3	11	20	2631	5451
	One 32W Osram Triple Tube	5	14	26	3066	6316
	One 42W Philips Triple Tube	5	14	27	3587	7337
	One 42W Osram Triple Tube	7	19	35	4229	8693

Data in footlamberts. Photometer readings, Maximum Brightness Method. See note 8.