



D4516

4 1/2" x 8 1/2" Rectangular Lens Wall Washer
1100, 1500, 2100, and 2800 lumen
Two Xicato® Remote Phosphor Modules

OPTICS and APPLICATIONS

LED wall washers are designed to illuminate walls uniformly with soft photometric patterns with excellent deep-shielded brightness control. Kicker reflector directs spill light through the frosted Solite lens. The rectangular shape uses two LED remote phosphor sources for uniform brightness on the lens producing wide lateral spread and even illumination from ceiling to floor.

DESIGN FEATURES - MultiSource® Capable

Fixture housings are designed with MultiSource® plug and play connectors allowing field conversion to other sources. New lighting technologies will be incorporated as they become available. Proprietary passive heat sinks ensure proper temperatures are maintained. Torsion springs assure tight trim to ceiling fit. Service from below only. Maximum ceiling thickness is 7/8".

MODULES and DRIVERS

Two Xicato® remote phosphor modules use high efficiency blue LEDs that convert to white light when directed through a phosphor lens. The LED module holds color consistency within 1x2 MacAdam Ellipses. Standard 80 CRI.

Dimming is standard 0-10V/10%. Rated life is 50,000 hours at 70% lumen output.

FINISH

Standard trim is anodized Softglow® clear. SoftSheen™ is a new finish that lowers apparent increased brightness due to remote phosphor sources. Colors available, see options below. Steel parts are phosphate conditioned then painted matte black to suppress light leaks.

GENERAL

Fixture is pre-wired and thermal protected. UL and/or CSA certified to US and Canadian standards. Suitable for damp locations. Approved for eight wire 90°C branch circuit wiring. All products are union made. Designed and manufactured in the USA.

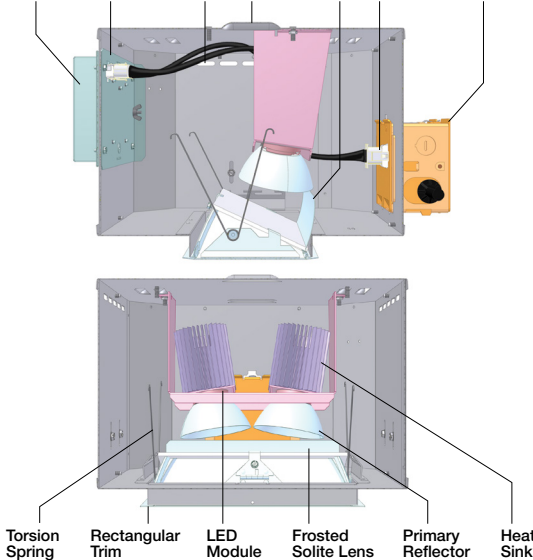
WARRANTY

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

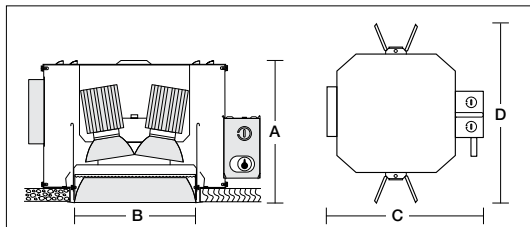
ENERGY INFORMATION

Fixture	Module Lumens	Delivered Lumens	Wattage	lm/W
D4516	1100	1289	20	64.5
	1500	1757	30	58.6
	2100	2460	44	55.9
	2800	3280	64	51.3

Electronic MultiSource® Vent Vent Kicker Plug-In Branch Circuit Drivers Cover Slot Louvers Reflector Connectors Junction Box



DIMENSIONS and SOURCES



Number	A Depth	B Aperture	C Width*	D Length	LED Module
D4516	9 15/16" 252mm	4 1/2" x 8 1/2" 114 x 216mm	16 5/8" 422mm	18 1/4" 464mm	2 x 1100 lm, 1500 lm, 2100 lm, or 2800 lm Xicato®

*For Lutron dimming use 17 5/8".

ORDERING GUIDE

Base Specification (required) Example: D4516-153012D					Options (optional)									
Model	Source Lumens	Kelvin	Volts	Dimming	CRI	Trim Finish	Trim Color	Lens Options	Wiring	Trim Paint	Flush Mount	Fuse	Support Rails	
D4516	11 1100	27 2700K	12 120V	D Standard 0-10V, to 10%. DM1 0-10V to 1% D1 Hi-lume 1% DE 3-wire LED driver Hi-lume 1% EcoSystem LED driver. DM01 0-10V to .1% DALI to 1%	Standard 80 CRI AS 1 95 CRI.	Standard Softglow® (S) SS SoftSheen™	B Black G Gold W Wheat Y Pewter	S Standard SO Solite frosted LL Linear lens. LLFR Linear lens frosted.	SC Standard single circuit DCE Double circuiting.	WT White WHT White Trim, complete.	FMT4 Flush mount drywall.	F Fuse.	R2 26" R5 52" Products designated FMT4 provided with FMBKT	
	15 1500	30 3000K	27 277V											
	21 2100	35 3500K												
	28 2800	40 4000K												

OPTIONAL NOTES

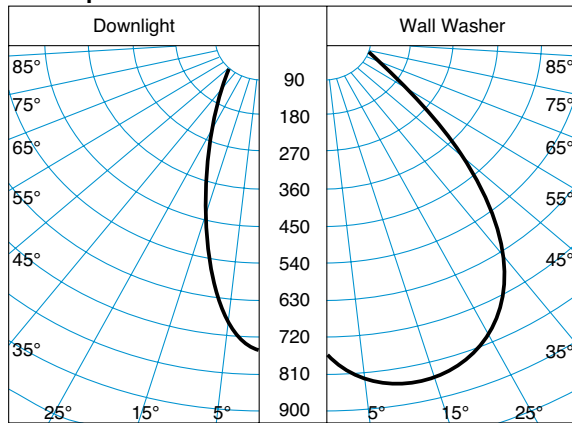
1. Artist Series® 95 +/-3 CRI modules to 1100 lm. Contact factory for energy information.
2. Not available with 2800 lm.



D4516

Cut out dimensions: 5^{5/32}" x 9^{5/32}". Outer flange dimension:

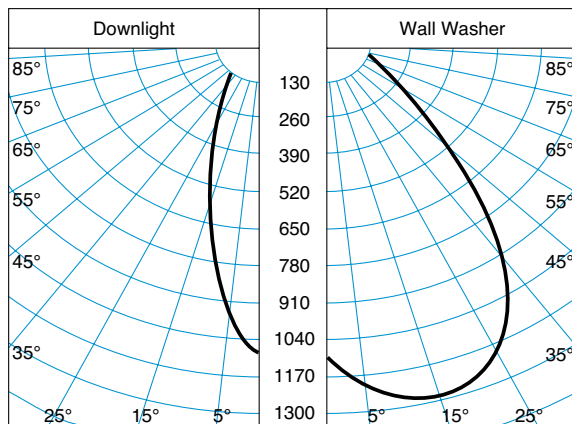
Candlepower Distribution Curves



D4516 Xicato® 1100 lm 3000K Lens Wall Washer

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'	43	40	34	24	14	13	12	8	6	6	5	3
2'	57	56	43	35	22	21	18	14	11	10	9	5
3'	52	52	36	34	25	25	20	17	13	13	10	7
4'	38	38	26	25	25	25	19	18	14	14	11	8
5'	28	28	19	18	21	21	16	16	14	15	11	9
6'	21	20	14	14	17	17	13	13	13	13	9	8
7'	15	15	10	10	14	14	10	10	11	11	8	7
8'	12	12	8	8	11	11	8	8	10	9	7	6
9'	9	9	6	6	9	9	7	7	8	8	6	5
10'	8	8	5	5	8	7	6	6	7	7	5	5



D4516 Xicato® 1500 lm 3000K Lens Wall Washer

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'	51	46	41	28	16	14	14	9	7	6	6	3
2'	69	68	53	42	27	25	23	16	13	12	10	6
3'	74	74	53	48	31	31	25	21	16	15	13	8
4'	57	57	39	38	34	34	27	24	17	17	13	10
5'	41	41	28	28	31	31	24	23	19	19	14	11
6'	30	30	21	20	26	26	20	19	19	19	13	12
7'	23	23	16	15	21	21	16	15	17	17	12	11
8'	18	18	12	12	18	17	13	12	14	14	10	10
9'	14	14	9	9	14	13	10	10	12	12	8	8
10'	11	11	8	8	11	11	8	8	10	10	7	7

Notes

- 1 Photometric Report: D4516 1100 lm KV Report No. 62513-A, D4516 1500 lm LTL Report No. 260913.
- 2 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.
- 3 Optional colors are on trims 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.
- 4 SoftSheen™ trim multipliers, contact factory.
- 5 Softglow® colored trim multipliers, contact factory.
- 6 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.
- 7 The luminous efficacy (lm/W) refers to the total measured luminous flux (lumens) of the fixture divided by the total measured electrical input power (watts) of the complete fixture.