

L342 Wide 75°

L344 Medium 45°

L346 Narrow 27°

4½" Square Aperture, 5" Square Surface Form with Lens

1100, 1500, and 2100 Lumen

Xicato® Remote Phosphor

OPTICS and APPLICATIONS

L Series optical systems are engineered to provide optimal performance with maximum brightness control. A clear Solite spread lens is provided for an even beam distribution.

DESIGN FEATURES - MultiSource® Capable

Fixture housings are designed with MultiSource® plug and play connectors allowing field conversion to other sources. Components are Zhaga compatible to accommodate future source options. Proprietary heat sinks ensure proper temperatures are maintained.

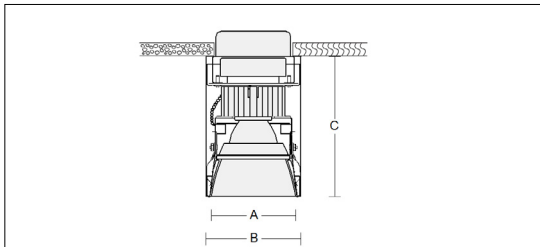
MODULES and DRIVERS

Xicato® modules provide excellent even, stable color and increased fixture efficiencies. The LED module holds color consistency within 1x2 MacAdam Ellipses. Dimming is standard 0-10V/10%. Rated life is 50,000 hours at 70% lumen output.

FINISH

Standard trim finish is anodized Softglow® clear. SoftSheen™ finish and other colors are available. Standard cylinder exterior is satin white baked enamel. Cylinders are satin brushed and emulsion cleaned before paint spraying, then baked for superior adhesion and durability.

DIMENSIONS and SOURCES



Fixture	Beam	Module Lumens	Dimming Option	Driver Location	A Aperture	B Dia	C Height
L342 L344 L346	Wide Medium Narrow	1100 or 1500	D	Integral	4½"	5"	7½"
			D1-R, DE-R, DM1-R, DM01-R, DALI-R	Remote			9½"
			D1, DE, DM1, DM01, DALI	Integral			
			D-T	Integral			
			All	Integral			
			2100	All	Integral		

GENERAL

Fixture is pre-wired, certified by a Nationally Recognized Testing Lab (NRTL), either UL or CSA, suitable for damp locations. 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	System Watts	lm/W
L342	1100	769	12	64.0
	1500	1084	17	64.0
	2100	1553	24	65.0
L344	1100	863	12	72.0
	1500	1216	17	72.0
	2100	1703	24	71.0
L346	1100	865	12	72.0
	1500	1249	17	73.0
	2100	1748	24	73.0

ORDERING GUIDE

Base Specification (required)
Example: L342-1135D-SSG-BL

Options

Model	Source Lumens	Kelvin	Volts	Dimming	Cylinder Height	CRI	Cone Finish	Cone Color	Cone Paint	Lens Options	Mounting	Exterior Color/Finish	Fuse (optional)
L342 Wide	11 1100	27 2700K	Standard	D Standard 0-10V, to 10%.	Default cylinder height per chart	Standard 80 CRI	Standard	Standard clear	Standard clear	Standard Solite Lens	Standard ceiling mount	Standard Satin white	F Fuse.
L344 Medium	15 1500	30 3000K	120/277V	D1 ¹ Hi-lume 1% 3-wire LED driver	R ¹ Remote Driver, short cylinder height	AS ² 98 CRI	Softglow®	B Black	WHT White cone, complete.		M Wall mount.	BL Brushed aluminum.	
L346 Narrow	21 2100	35 3500K 40 4000K		DE ¹ Hi-lume 1% EcoSystem LED driver DALI ¹ to 1% DM1 ¹ 0-10V to 1% DM01 ¹ 0-10V to 0.1%	T ¹ Integral Driver, tall cylinder height	VS8 ² Vibrant 83 CRI VS9 ² Vibrant 95 CRI	SS SoftSheen™	G Gold W Wheat Y Pewter			P5 Pendant mount, 21" length. CB ³ Cable mount. YK Yoke mount.	BA Powder Coat black. PCB Powder Coat black. PCW Powder Coat white. PCC Powder Coat, custom RAL color (ex. PCC1234).	

OPTION NOTES

- See dimension chart for default heights. Add -R or -T to applicable models shown only when alternate height is desired.
- Artist Series® 98 +/-3 CRI. Vibrant Series™, 83 CRI, 3000K only. Vibrant Series™, 95 CRI, 3000K only. Contact factory for energy information.
- Cable Mount: 24" Standard length. White cord on white exterior. Black cord on all other exterior colors.

Rev2 Date 7/9/2018

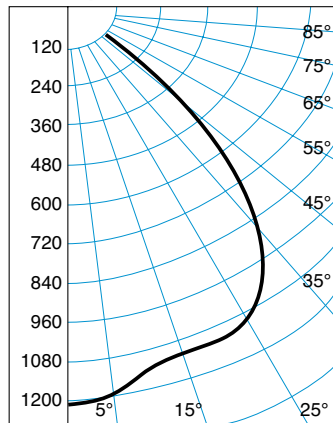


L342 Wide 75°

Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor	Multiple Units Initial Footcandles, 30" Work Plane			
L342 Xicato® 2100 lm 3000K							Ceiling 80% Walls 50% Floor 20%			
Nadir							Spacing is Maximum Over Work Plane			
10°		20°		30°			Spacing	RCR 1	RCR 3	RCR 8
FC	Diam	FC	Diam	FC	Diam					
40	36 2'	31 4'	19 6'			8'	6'	45	38	26
22	19 3'	17 5'	10 9'			10'	8'	24	20	14
13	12 3'	10 7'	6 11'			12'	11'	15	13	9
9	8 4'	7 8'	4 13'			14'	13'	10	9	6
7	6 5'	5 10'	3 16'			16'	15'	7	6	4

Candlepower Distribution



L342 Xicato® 2100 lm 3000K
S/M 1.12
Luminous efficacy 65.0

Candelas

	24W
o	1553*
0	1216
5	1186
10	1147
15	1131
20	1133
25	1102
30	882
35	597
40	389
45	229
50	117
55	46
60	21
65	12
70	9
75	0
80	0
85	0
90	0

°Vertical Angles
*Luminaire Lumens

Notes

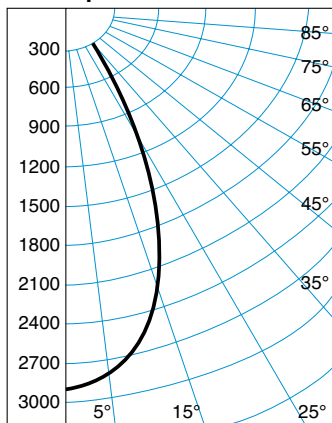
- 1 Photometric Reports: L342 2100 lm Report No. 17.01114.
- 2 Softglow® colored cone multipliers, contact factory.
- 3 SoftSheen™ cone multipliers, contact factory.
- 4 Single unit Datachart pattern diameters are determined by the number of degrees from each side of nadir. Therefore a 15° diameter represents a total 30° pattern width at the work plane. Footcandle values are at the edge of that diameter.
- 5 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.

L344 Medium 45°

Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane							Ceiling to Floor		Multiple Units Initial Footcandles, 30" Work Plane			
L344 Xicato® 2100 lm 3000K									Ceiling 80% Walls 50% Floor 20%			
Nadir									Spacing is Maximum Over Work Plane			
10°		20°		30°								
FC	FC	Diam	FC	Diam	FC	Diam	Spacing	RCR 1	RCR 3	RCR 8		
68	59	2'	33	5'	10	8'	9'	5'	86	76	58	
32	27	3'	16	7'	5	11'	12'	7'	40	36	27	
22	19	4'	11	8'	3	13'	14'	8'	28	24	19	
16	14	5'	8	10'	2	16'	16'	10'	20	18	14	
12	10	5'	6	11'	2	18'	18'	11'	15	13	10	

Candlepower Distribution



L344 Xicato® 2100 lm 3000K
S/M .72
Luminous efficacy 71.0

Candelas

°	24W
	1703*
0	2892
5	2808
10	2592
15	2223
20	1699
25	1163
30	670
35	317
40	141
45	58
50	34
55	22
60	14
65	0
70	0
75	0
80	0
85	0
90	0

°Vertical Angles
*Luminaire Lumens

Notes

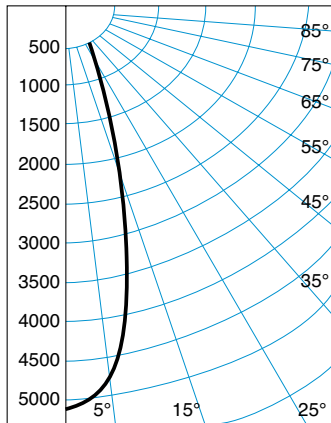
- 1 Photometric Reports: L344 2100 lm Report No. 17.01116.
- 2 Specular colored cone multipliers, contact factory.
- 3 SoftSheen™ cone multiplier and Softglow® cone multiplier, contact factory.
- 4 Single unit Datachart pattern diameters are determined by the number of degrees from each side of nadir. Therefore a 15° diameter represents a total 30° pattern width at the work plane. Footcandle values are at the edge of that diameter.
- 5 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.

L346 Narrow 27°

Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane					Ceiling to Floor		Multiple Units Initial Footcandles, 30" Work Plane									
L346 Xicato® 2100 lm 3000K							Ceiling 80% Walls 50% Floor 20%									
Nadir							Spacing is Maximum Over Work Plane									
5°		15°		25°				Spacing		RCR 1		RCR 3		RCR 8		
FC	FC	Diam	FC	Diam	FC	Diam										
57	52	2'	21	5'	8	9'	12'		4'	103	92	71				
39	35	2'	14	6'	5	11'	14'		5'	70	62	49				
28	26	2'	10	7'	4	13'	16'		6'	51	45	35				
21	19	3'	8	8'	3	14'	18'		7'	39	34	27				
17	15	3'	6	9'	2	16'	20'		8'	30	27	21				

Candlepower Distribution



L346 Xicato® 2100 lm 3000K
S/M .46
Luminous efficacy 73.0

Candelas

		24W
o		1748*
0		5165
5		4737
10		3470
15		2113
20		1343
25		951
30		600
35		289
40		129
45		51
50		32
55		23
60		16
65		15
70		0
75		0
80		0
85		0
90		0

°Vertical Angles
*Luminaire Lumens

Notes

- 1 Photometric Reports: L346 2100 lm Report No. 17.01118.
- 2 Softglow® colored cone multipliers, contact factory.
- 3 SoftSheen™ cone multipliers, contact factory.
- 4 Single unit Datachart pattern diameters are determined by the number of degrees from each side of nadir. Therefore a 15° diameter represents a total 30° pattern width at the work plane. Footcandle values are at the edge of that diameter.
- 5 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.