

**L342** Wide 75°

**L344** Medium 45°

**L346** Narrow 27°

**4½" Square Aperture, 5" Square Surface Form with Lens**  
**1100, 1500, and 2100 Lumen**  
**Xicato® XTM 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.

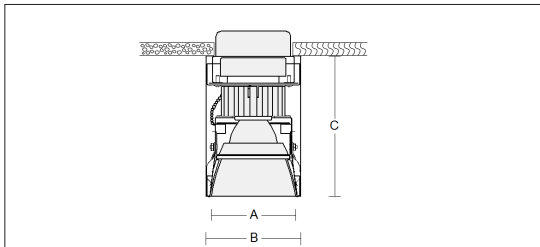
**MODULES and DRIVERS**

Xicato® XTM modules provide excellent even, stable color and increased fixture efficiencies. The XTM 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  2100	D	Integral	4½"	5"	7½"
			D1-R, DE-R, DM1-R, DM01-R, DALI-R	Remote			
			D1, DE, DM1, DM01, DALI	Integral			
			D-T	Integral			
			All	Integral			9½"

**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 clear	Standard clear	Standard clear	Standard Solite Lens	Standard ceiling mount	Standard Satin white	F Fuse.
L344 Medium	15 1500	30 3000K	120/277V	D1' Hi-lume 1% 3-wire LED driver	R' Remote Driver, short cylinder height	AS <sup>2</sup> 98 CRI	B Black	WHT White cone, complete.		M Wall mount.	BL Satin black. Brushed aluminum.		
L346 Narrow	21 2100	35 3500K 40 4000K		DE' Hi-lume 1% EcoSystem LED driver	T' Integral Driver, tall cylinder height	VS8 <sup>2</sup> Vibrant 83 CRI VS9 <sup>2</sup> Vibrant 95 CRI	G Gold W Wheat Y Pewter			P5 Pendant mount, 21" length. CB <sup>3</sup> 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.

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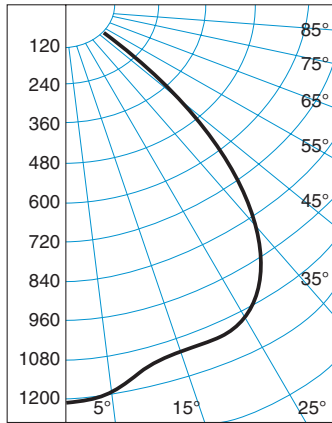


# L342 Wide 75°

## Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor	Multiple Units Initial Footcandles, 30" Work Plane				
L342 Xicato® XTM 2100 lm 3000K							Ceiling 80% Walls 50% Floor 20%				
Nadir		10°		20°		30°		Spacing is Maximum Over Work Plane			
FC	Diam	FC	Diam	FC	Diam			Spacing	RCR 1	RCR 3	RCR 8
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® XTM 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

o Vertical Angles  
\*Luminaire Lumens

## Notes

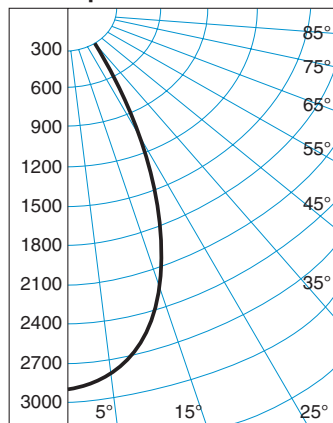
- 1 Photometric Reports: L342 2100 lm Report No. 17.01114.
- 2 Softglow® colored cone multipliers, contact factory.
- 3 SoftSheen™ cone multipliers, contact factory.
- 4 Single unit Datachart pattern diameters are determined by the number of degrees from each side of nadir. Therefore a 15° diameter represents 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® XTM 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® XTM 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

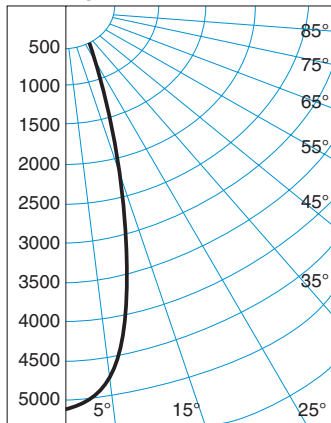
- 1 Photometric Reports: L344 2100 lm Report No. 17.01116.
- 2 Specular colored cone multipliers, contact factory.
- 3 SoftSheen™ cone multiplier and Softglow® cone multiplier, contact factory.
- 4 Single unit Datachart pattern diameters are determined by the number of degrees from each side of nadir. 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® XTM 2100 lm 3000K								Ceiling 80% Walls 50% Floor 20%			
Nadir		5°		15°		25°		Spacing is Maximum Over Work Plane			
FC	Diam	FC	Diam	FC	Diam			Spacing	RCR 1	RCR 3	RCR 8
57	2'	52	2'	21	5'	8	9'	4'	103	92	71
						12'					
39	2'	35	2'	14	6'	5	11'	5'	70	62	49
						14'					
28	2'	26	2'	10	7'	4	13'	6'	51	45	35
						16'					
21	3'	19	3'	8	8'	3	14'	7'	39	34	27
						18'					
17	3'	15	3'	6	9'	2	16'	8'	30	27	21
						20'					

## Candlepower Distribution



L346 Xicato® XTM 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.