

F1332 Wide 71°
F1334 Medium 34°
F1336 Narrow 19°

4 3/8" Round Downlights with Lens
 4000 and 5000 lumen
 Xicato®

OPTICS and APPLICATIONS

High lumen downlight optical systems are engineered to achieve optimal performance while maintaining maximum brightness control in ceiling applications up to 30'. Product are provided standard with a Solite spread lens in three beam distributions to meet different ceiling heights or design objectives.

DESIGN FEATURES - MultiSource® Capable

The open housing top construction utilizes rigid steel parts to protect the LED optical components while providing adequate ventilation for passive cooling. Products 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. Service from below only. Maximum ceiling thickness 1 1/2" .

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

Specular Alzak cones are standard. The SoftSheen™ finish is designed to mitigate color over angle. Softglow® finish and other colors are available.

GENERAL

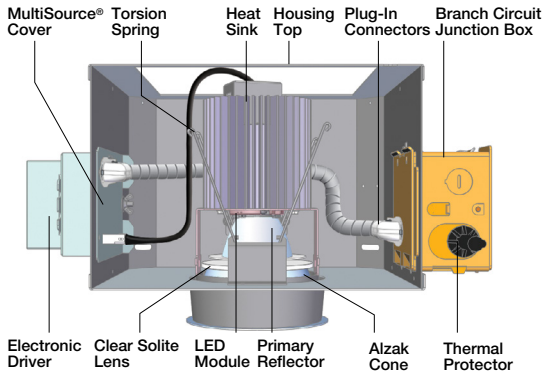
Fixture is pre-wired and thermal protected. UL and/or CSA certified to US and Canadian standards. Suitable for wet locations covered ceiling mount only. Approved for eight wire 90°C branch circuit wiring. All products are union made. Designed and manufactured in the USA.

WARRANTY

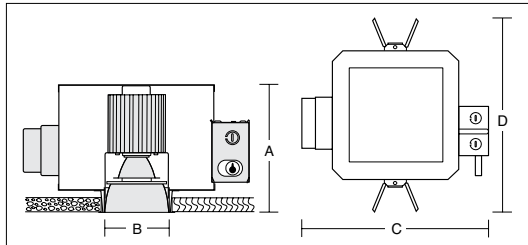
5 Year Warranty. See www.kurtversen.com for details or select hyperlink.

ENERGY INFORMATION

Fixture	Module Lumens	Delivered Lumens	System Watts	lm/W
F1332	4000	2882	45	64.0
	5000	3472	56	62.0
F1334	4000	3066	45	62.1
	5000	3726	56	66.5
F1336	4000	2898	45	64.4
	5000	3683	56	65.8



DIMENSIONS and SOURCES



Number	A Height	B Aperture	C Width	D Length	LED Module
F1332	8 13/16"	4 3/8"	16 3/8"	15 1/2"	4000 lm, 5000 lm Xicato®
F1334	224mm	111mm	416mm	398mm	
F1336					

Open housing top construction

ORDERING GUIDE

Base Specification (required) Example: F1334-403012D					Options (optional)									
Model	Source Lumens	Kelvin	Volts	Dimming	CRI	Cone Finish	Cone Color	Cone Paint	Lens Options	Flush Mount	Fuse	EM	Support Rails	
F1332 Wide	40 4000	27 2700K	12 120V	D Standard 0-10V, to 10%.	Standard 83 CRI	Standard Specular clear	Standard clear	Standard clear	Standard Solite clear	Standard with flange	F ³ Fuse.	REM Remote EM. Includes battery pack, charger light, test switch for 90 minutes. Remote mount only. Ceiling access required.	R2 26" R5 52"	
F1334 Medium	50 5000	30 3000K	27 277V	D ¹ Hi-lume 1% 3-wire LED driver	VS8 ² Vibrant 83 CRI.	SS SoftSheen™	B Black G Gold W Wheat Y Pewter	WHT White Cone, complete. BT Flange.	SOFR Solite lens frosted. LL Linear lens. LLFR Linear lens frosted. LS Clear lens. LSFR Clear lens frosted.	FMR4 Flush mount drywall.			Products designated FMR4 provided with FMBKT	
F1336 Narrow	35 3500K 40 4000K	35 3500K 40 4000K		DE ¹ Hi-lume 1% EcoSystem LED driver. to 1%. DM1 0-10V to 1%. DM01 0-10V to 0.1%. DMX ¹ DMX Enabled.										

OPTION NOTES

1. Available with 4000 lm option only.
2. Vibrant Series™, 83 CRI, 3000K only. Contact factory for energy information.
3. Not available with REM option.



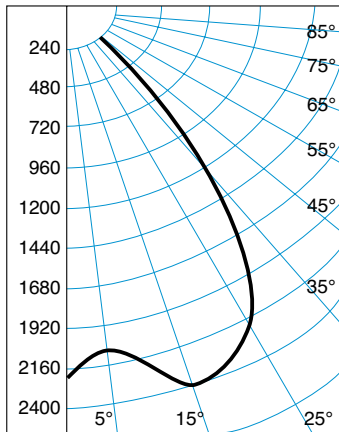
F1332 Wide 71°

Cut out dimensions: 4^{29/32"}. Outer flange dimension: 5^{1/4"}.

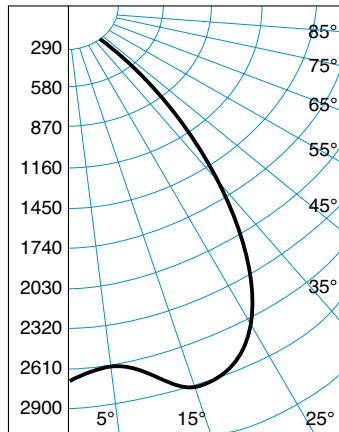
Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane				Ceiling to Floor				Multiple Units Initial Footcandles, 30" Work Plane			
F1332 Xicato® 4000 lm 3000K Read Top Data F1332 Xicato® 5000 lm 3000K Read Bottom Data								Ceiling 80% Walls 50% Floor 20%			
Nadir								Spacing is Maximum Over Work Plane			
10°		20°						30°		Spacing	RCR 1
FC	FC	Diam	FC	Diam	FC	Diam					
74	70	2'	65	4'	41	6'	8'	7'	70	61	43
89	85	2'	78	4'	49	6'		7'	88	76	53
53	50	2'	46	5'	29	8'	9'	8'	50	44	31
64	61	2'	56	5'	35	8'		8'	63	54	38
40	38	3'	35	5'	22	9'	10'	9'	38	33	23
48	46	3'	42	5'	26	9'		9'	47	41	29
31	29	3'	27	6'	17	10'	11'	10'	29	25	18
37	36	3'	33	6'	20	10'		10'	37	32	22
25	23	3'	22	7'	14	11'	12'	12'	24	20	14
30	28	3'	26	7'	16	11'		11'	29	25	18

Candlepower Distribution



F1332 Xicato® 4000 lm 3000K
S/M 1.22 Luminous efficacy 64.0



F1332 Xicato® 5000 lm 3000K
S/M 1.20 Luminous efficacy 62.0

Candelas

°	45W	56W
	0	2882*
5	2228	2705
10	2153	2618
15	2211	2688
20	2393	2904
25	2356	2861
30	2258	2728
35	1891	2279
40	1273	1530
45	635	758
50	167	197
55	34	39
60	10	10
65	8	9
70	8	8
75	6	6
80	0	0
85	0	0
90	0	0

°Vertical Angles
*Luminaire Lumens

Notes

- Photometric Reports:
F1332 4000 lm KV Report No. 101716A,
F1332 5000 lm KV Report No. 101716.
- Specular colored cone multipliers, contact factory.
- SoftSheen™ cone multiplier and Softglow® cone multiplier, contact factory.
- 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.
- 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.

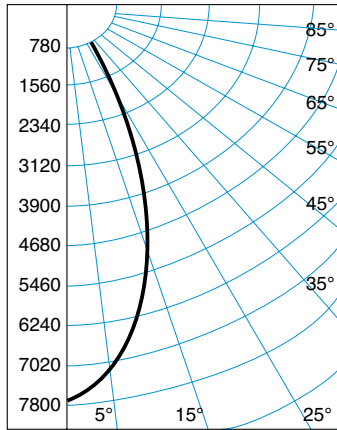
F1334 Medium 34°

Cut out dimensions: 4^{29/32"}. Outer flange dimension: 5^{1/4"}.

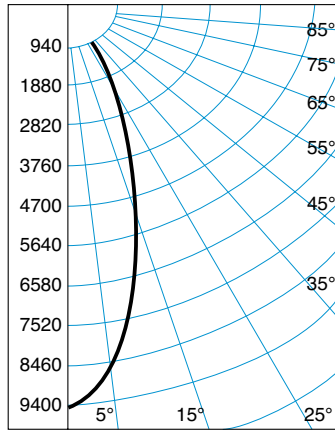
Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane					Ceiling to Floor		Multiple Units Initial Footcandles, 30" Work Plane			
F1334 Xicato® 4000 lm 3000K Read Top Data							Ceiling 80% Walls 50% Floor 20%			
F1334 Xicato® 5000 lm 3000K Read Bottom Data							Spacing is Maximum Over Work Plane			
Nadir	10°	20°	30°				Spacing	RCR 1	RCR 3	RCR 8
FC	FC Diam	FC Diam	FC Diam							
257	183 2'	83 4'	22 6'		8'	3'	389	348	275	
311	223 2'	101 4'	27 6'			3'	473	422	334	
184	131 2'	60 5'	16 8'		9'	4'	279	249	197	
223	159 2'	73 5'	19 8'			4'	339	302	239	
138	98 3'	45 5'	12 9'		10'	4'	209	187	148	
167	120 3'	55 5'	14 9'			4'	254	227	179	
108	77 3'	35 6'	9 10'		11'	5'	163	146	115	
130	93 3'	42 6'	11 10'			5'	198	177	140	
86	61 3'	28 7'	7 11'		12'	5'	130	117	92	
104	75 3'	34 7'	9 11'			5'	159	142	112	

Candlepower Distribution



F1334 Xicato® 4000 lm 3000K
S/M .54 Luminous efficacy 68.0



F1334 Xicato® 5000 lm 3000K
S/M .54 Luminous efficacy 67.0

Candelas

°	45W	56W
	3066*	3726*
0	7775	9407
5	7089	8597
10	5796	7047
15	4208	5119
20	3043	3696
25	2010	2447
30	1017	1247
35	240	297
40	98	120
45	58	68
50	36	40
55	19	21
60	12	13
65	9	10
70	8	9
75	6	7
80	0	0
85	0	0
90	0	0

°Vertical Angles
*Luminaire Lumens

Notes

- Photometric Reports:
F1334 4000 lm KV Report No. 101816,
F1334 5000 lm KV Report No. 101816A.
- Specular colored cone multipliers, contact factory.
- SoftSheen™ cone multiplier and Softglow® cone multiplier, contact factory.
- 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.
- The luminous efficacy (lm/W) refers to the total measured luminous flux (lumens) of the fixture divided by the total measured electrical input power

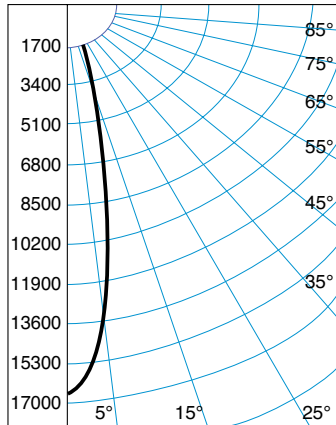
F1336 Narrow 19°

Cut out dimensions: 4^{29/32"}. Outer flange dimension: 5 1/4".

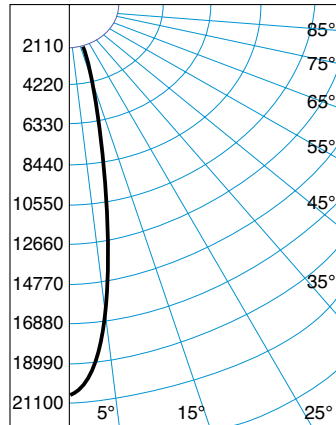
Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor		Multiple Units Initial Footcandles, 30" Work Plane			
F1336 Xicato® 4000 lm 3000K Read Top Data								Ceiling 80% Walls 50% Floor 20%			
F1336 Xicato® 5000 lm 3000K Read Bottom Data								Spacing is Maximum Over Work Plane			
Nadir	10°		20°		30°			Spacing	RCR 1	RCR 3	RCR 8
FC	FC	Diam	FC	Diam	FC	Diam					
553	217	2'	55	4'	14	6'	8'	2'	1057	964	795
697	271	2'	68	4'	21	6'		2'	1344	1213	1011
396	156	2'	39	5'	10	8'	9'	2'	757	690	569
499	194	2'	48	5'	15	8'		2'	962	868	724
297	117	3'	29	5'	8	9'	10'	2'	569	518	428
375	146	3'	36	5'	11	9'		2'	723	652	543
231	91	3'	23	6'	6	10'	11'	3'	443	403	333
292	114	3'	28	6'	9	10'		3'	563	508	423
185	73	3'	18	7'	5	11'	12'	3'	354	323	267
234	91	3'	23	7'	7	11'		3'	450	406	339

Candlepower Distribution



F1336 Xicato® 4000 lm 3000K
S/M .32 Luminous efficacy 64.0



F1336 Xicato® 5000 lm 3000K
S/M .32 Luminous efficacy 66.0

Candelas

°	45W	56W
	2898*	3683*
0	16714	21074
5	13261	16531
10	6882	8595
15	3235	4084
20	1993	2469
25	1339	1734
30	665	971
35	112	152
40	46	62
45	25	33
50	17	23
55	12	16
60	9	11
65	7	9
70	7	8
75	5	7
80	0	0
85	0	0
90	0	0

°Vertical Angles
*Luminaire Lumens

Notes

- Photometric Reports:
F1336 4000 lm KV Report No. 101816C,
F1336 5000 lm KV Report No. 101816B.
- Specular colored cone multipliers, contact factory.
- SoftSheen™ cone multiplier and Softglow® cone multiplier, contact factory.
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