



F1332CP Wide 70°
F1334CP Medium 45°
F1336CP Narrow 22°

4³/₈" Round Downlights with Lens, Chicago Plenum

OPTICS and APPLICATIONS

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

DESIGN FEATURES - MultiSource® Capable

The shallow housing footprint has been designed to utilize 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 7/8".

DRIVERS

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

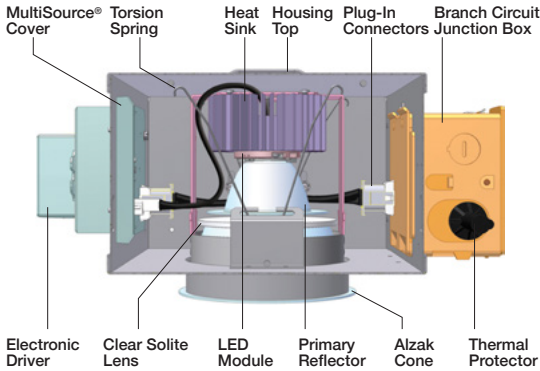
Fixture is CCEA approved for Chicago Plenum applications and is pre-wired and thermal protected. CSA certified to US and Canadian safety standards. Suitable for wet location covered ceiling mount only. Approved for eight wire 90°C branch circuit wiring. All products are union made. Designed and manufactured in the USA.

WARRANTY

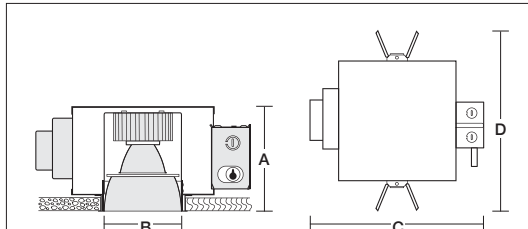
5 Year Warranty. See www.kurtversen.com for details or select hyperlink.

ENERGY INFORMATION

Fixture	Source Lumens	Xicato XTM, 80 CRI			Cree, 80 CRI		
		Delivered Lumens	System Watts	lm/W	Delivered Lumens	System Watts	lm/W
F1332CP	1100	723	12	60.0	684	11.6	58.9
	1500	1004	17	59.0	1031	16.6	62.1
	2100	1436	25	57.0	1412	22.4	63.0
F1334CP	1100	759	12	63.0	768	11.6	66.2
	1500	1067	17	63.0	1161	16.6	69.9
	2100	1516	25	61.0	1586	22.4	70.8
F1336CP	1100	793	12	66.0	724	11.6	62.4
	1500	1206	17	71.0	1091	16.6	65.7
	2100	1719	25	69.0	1495	22.4	66.7



DIMENSIONS



Number	A Height	B Aperture	C Width	D Length
F1332CP	6 ³ / ₈ "	4 ³ / ₈ "	13 ¹ / ₈ "	13 ³ / ₄ "
F1334CP	162mm	111mm	333mm	349mm
F1336CP				

ORDERING GUIDE

Base Specification (required) Example: F1334CP-213012D					Options (optional)							
Model	Source Lumens	Kelvin	Volts	Dimming	CRI	Cone Finish	Cone Color	Cone Paint	Lens Options	Flush Mount	Fuse	Support Rails
F1332CP Wide	11 1100	27 2700K	12 120V	D Standard 0-10V, to 10%.	Standard 80 CRI	Standard		Standard clear	Standard Solite clear	Standard	F Fuse.	R2 26"
F1334CP Medium	15 1500	30 3000K	27 277V	D1 0-10V to 1%.	90 90 CRI	SS Specular clear	B Black	WT White	SOFR Solite lens frosted.	Standard with flange		R5 52"
F1336CP Narrow	21 2100	35 3500K 40 4000K		D1 Hi-lume 1% 3-wire LED driver DE Hi-lume 1% EcoSystem LED driver DALI 0-10V to .1%.	XTM 83 CRI AS ¹ 98 CRI VS8 ² Vibrant 83 CRI VS9 ³ Vibrant 95 CRI	S SoftSheen™ S Softglow®	G Gold W Wheat Y Pewter	WHT White Cone, complete. BT Black Flange.	LL Linear lens. LLFR Linear lens frosted. LS Clear lens. LSFR Clear lens frosted.	FMR4 Flush mount drywall.		Products designated FMR4 provided with FMBKT

OPTION NOTES

- Xicato® Artist Series® 98 +/-3 CRI modules up to 1500 lm. Contact factory for energy information.
- Xicato® Vibrant Series™, 83 CRI, 3000K only. Contact factory for energy information.
- Xicato® Vibrant Series™, 95 CRI up to 1500 lm, 3000K only. Contact factory for energy information.

F1332CP Wide 70°

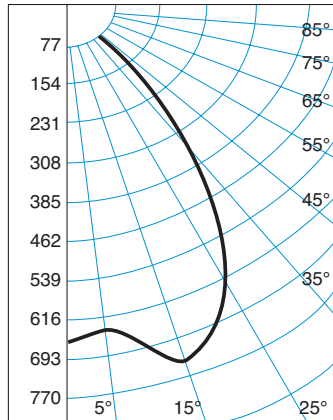
Cut out dimensions: 4^{29/32"}. Outer flange dimension: 5^{1/4"}.

Performance Datachart

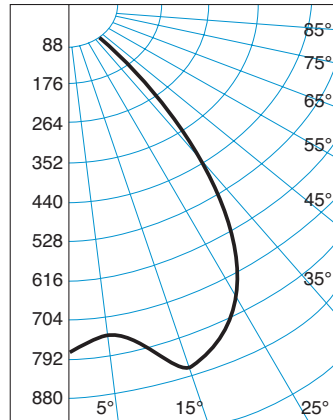
Single Unit Initial Footcandles, 30" Work Plane					Ceiling to Floor	Multiple Units Initial Footcandles, 30" Work Plane			
F1332CP Xicato® 1100 lm 3000K Read Top Data						Ceiling 80% Walls 50% Floor 20%			
F1332CP Xicato® 1500 lm 3000K Read Bottom Data						Spacing is Maximum Over Work Plane			
Nadir	10°	20°	30°			Spacing	RCR 1	RCR 3	RCR 8
FC	FC Diam	FC Diam	FC Diam						
18	18 2'	16 4'	10 6'	8'	6'	19	16	12	
26	25 2'	22 4'	13 6'		6'	26	23	16	
13	13 2'	12 5'	7 8'	9'	8'	14	12	8	
18	18 2'	16 5'	9 8'		8'	19	16	11	
10	10 3'	9 5'	5 9'	10'	9'	10	9	6	
14	13 3'	12 5'	7 9'		9'	14	12	9	
8	8 3'	7 6'	4 10'	11'	10'	8	7	5	
11	10 3'	9 6'	6 10'		10'	11	9	7	
6	6 3'	5 7'	3 11'	12'	11'	6	5	4	
9	8 3'	8 7'	4 11'		11'	9	8	5	

Single Unit Initial Footcandles, 30" Work Plane					Ceiling to Floor	Multiple Units Initial Footcandles, 30" Work Plane			
F1332CP Xicato® 2100 lm 3000K Read Top Data						Ceiling 80% Walls 50% Floor 20%			
F1332CP Xicato® 1500 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						
37	36 2'	32 4'	19 6'	8'	6'	38	32	23	
26	26 2'	23 5'	14 8'		8'	27	23	16	
20	19 3'	17 5'	10 9'	10'	9'	20	17	12	
15	15 3'	14 6'	8 10'		9'	20	17	12	
15	15 3'	14 6'	8 10'	11'	10'	16	14	10	
12	12 3'	11 7'	6 11'		10'	16	14	10	
12	12 3'	11 7'	6 11'	12'	11'	13	11	8	
					11'	13	11	8	

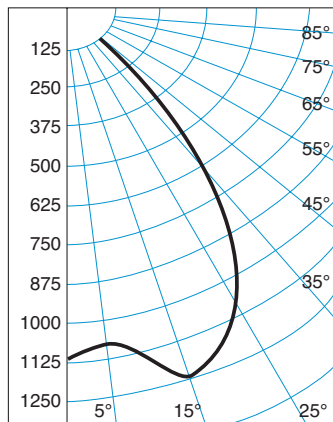
Candlepower Distribution



F1332CP Xicato® 1100 lm 3000K
S/M 1.18 Luminous efficacy 60.0



F1332CP Xicato® 1500 lm 3000K
S/M 1.18 Luminous efficacy 59.0



F1332CP Xicato® 2100 lm 3000K
S/M 1.18 Luminous efficacy 57.0

Candelas

°	12W	17W
	723*	1004*
0	558	775
5	544	755
10	571	793
15	623	865
20	591	820
25	545	751
30	443	616
35	308	428
40	161	223
45	61	84
50	16	23
55	2	3
60	2	3
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

°Vertical Angles
*Luminaire Lumens

°	25W
	1436*
0	1110
5	1080
10	1137
15	1241
20	1176
25	1089
30	885
35	615
40	319
45	116
50	30
55	4
60	3
65	0
70	0
75	0
80	0
85	0
90	0

°Vertical Angles
*Luminaire Lumens

Notes

- Photometric Reports:
F1332CP 1100 lm KV Report No. F1332X-01,
F1332CP 1500 lm KV Report No. F1332U-01,
F1332CP 2100 lm KV Report No. F1332W-01
- 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.

F1334CP Medium 45°

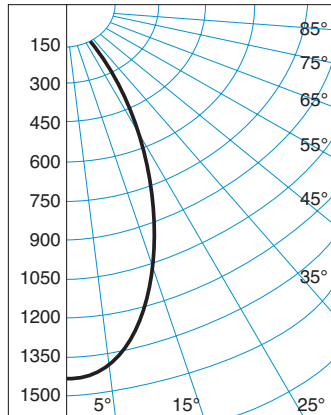
Cut out dimensions: 4^{29/32}". Outer flange dimension: 5 1/4".

Performance Datachart

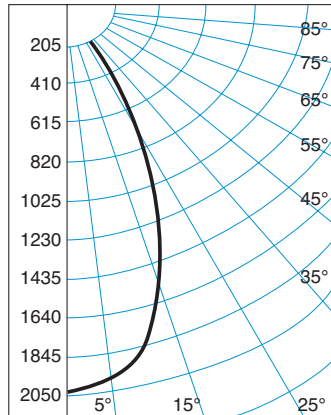
Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor	Multiple Units Initial Footcandles, 30" Work Plane				
F1334CP Xicato® 1100 lm 3000K Read Top Data							Ceiling 80% Walls 50% Floor 20%				
F1334CP Xicato® 1500 lm 3000K Read Bottom Data						Spacing is Maximum Over Work Plane					
Nadir	10°		20°		30°		Spacing	RCR 1	RCR 3	RCR 8	
FC	FC	Diam	FC	Diam	FC	Diam					
47	42	2'	22	4'	6	6'	8'	4'	57	51	40
67	60	2'	31	4'	8	6'		4'	81	72	56
34	30	2'	16	5'	4	8'	9'	5'	41	37	29
48	43	2'	22	5'	6	8'		5'	58	52	40
25	23	3'	12	5'	3	9'	10'	5'	31	28	21
36	32	3'	17	5'	4	9'		5'	44	39	30
20	18	3'	9	6'	2	10'	11'	6'	24	21	17
28	25	3'	13	6'	3	10'		6'	34	30	24
16	14	3'	7	7'	2	11'	12'	7'	19	17	13
22	20	3'	10	7'	3	11'		7'	27	24	19

Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor	Multiple Units Initial Footcandles, 30" Work Plane				
F1334CP Xicato® 2100 lm 3000K Read Top Data							Ceiling 80% Walls 50% Floor 20%				
Spacing is Maximum Over Work Plane						Spacing is Maximum Over Work Plane					
Nadir	10°		15°		20°		Spacing	RCR 1	RCR 3	RCR 8	
FC	FC	Diam	FC	Diam	FC	Diam					
47	42	3'	33	4'	23	5'	10'	6'	55	49	30
30	26	3'	21	5'	15	7'		7'	34	30	18
20	18	4'	14	6'	10	8'	14'	9'	23	21	13
15	13	5'	10	7'	7	10'		10'	17	15	9
11	10	5'	8	8'	5	11'	18'	11'	13	11	7

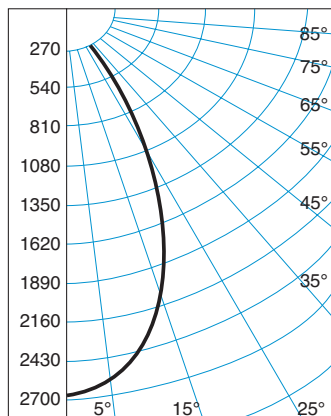
Candlepower Distribution



F1334CP Xicato® 1100 lm 3000K
S/M .70 Luminous efficacy 63.0



F1334CP Xicato® 1500 lm 3000K
S/M .70 Luminous efficacy 63.0



F1334CP Xicato® 2100 lm 3000K
S/M .74 Luminous efficacy 61.0

o	25W
o	1516*
0	2670
5	2610
10	2458
15	2066
20	1590
25	1107
30	561
35	197
40	90
45	44
50	21
55	8
60	4
65	0
70	0
75	0
80	0
85	0
90	0

°Vertical Angles
*Luminaire Lumens

Candelas

o	12W	17W
	759*	1072*
0	1428	2017
5	1402	1980
10	1335	1886
15	1090	1540
20	792	1120
25	547	773
30	259	367
35	71	100
40	31	44
45	19	26
50	9	13
55	5	6
60	3	4
65	0	0
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

°Vertical Angles
*Luminaire Lumens

Notes

- Photometric Reports:
F1334CP 1100 lm KV Report No. F133426-01,
F1334CP 1500 lm KV Report No. F133424-01,
F1334CP 2100 lm KV Report No. 71414-B-01.
- 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.

F1336CP Narrow 22°

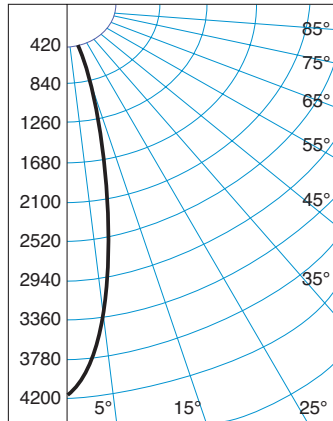
Cut out dimensions: 4^{29/32"}. Outer flange dimension: 5 1/4".

Performance Datachart

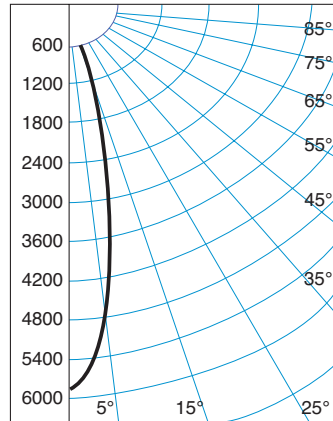
Single Unit Initial Footcandles, 30" Work Plane					Ceiling to Floor		Multiple Units Initial Footcandles, 30" Work Plane			
F1336CP Xicato® 1100 lm 3000K Read Top Data							Ceiling 80% Walls 50% Floor 20%			
F1336CP Xicato® 1500 lm 3000K Read Bottom Data							Spacing is Maximum Over Work Plane			
Nadir	10°	20°	30°				Spacing	RCR 1	RCR 3	RCR 8
FC	FC Diam	FC Diam	FC Diam							
138	62 2'	15 4'	4 6'	8'	2'	256	234	193		
194	88 2'	21 4'	5 6'		2'	362	330	272		
98	45 2'	11 5'	3 8'	9'	2'	183	167	138		
139	63 2'	15 5'	4 8'		2'	259	236	195		
74	33 3'	8 5'	2 9'	10'	3'	138	126	104		
104	47 3'	11 5'	3 9'		3'	195	177	146		
58	26 3'	6 6'	2 10'	11'	3'	107	98	81		
81	37 3'	9 6'	2 10'		3'	152	138	114		
46	21 3'	5 7'	1 11'	12'	3'	86	78	65		
65	29 3'	7 7'	2 11'		3'	121	111	91		

Single Unit Initial Footcandles, 30" Work Plane					Ceiling to Floor		Multiple Units Initial Footcandles, 30" Work Plane			
F1336CP Xicato® 2100 lm 3000K Read Top Data							Ceiling 80% Walls 50% Floor 20%			
							Spacing is Maximum Over Work Plane			
Nadir	5°	10°	15°				Spacing	RCR 1	RCR 3	RCR 8
FC	FC Diam	FC Diam	FC Diam							
59	51 2'	31 4'	15 6'	14'	4'	102	92	76		
43	37 2'	22 5'	11 7'		5'	74	67	55		
32	28 3'	17 5'	8 8'	18'	6'	56	51	42		
25	22 3'	13 6'	7 9'		7'	44	40	33		
20	18 3'	11 7'	5 10'	22'	7'	35	32	26		

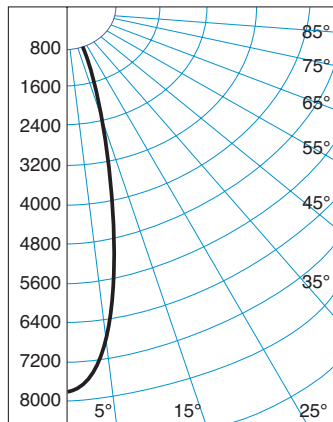
Candlepower Distribution



F1336CP Xicato® 1100 lm 3000K
S/M .34 Luminous efficacy 66.0



F1336CP Xicato® 1500 lm 3000K
S/M .34 Luminous efficacy 66.0



F1336CP Xicato® 2100 lm 3000K
S/M .38 Luminous efficacy 69.0

°	25W
0	1719*
5	7783
10	6787
15	4252
20	2236
25	1202
30	780
35	421
40	103
45	38
50	15
55	10
60	6
65	3
70	0
75	0
80	0
85	0
90	0

°Vertical Angles
*Luminaire Lumens

Candelas

°	12W	17W
	0	793*
5	4160	5878
10	3392	4792
15	1971	2785
20	989	1397
25	535	755
30	369	522
35	167	236
40	33	46
45	13	19
50	7	11
55	5	7
60	3	4
65	2	3
70	0	0
75	0	0
80	0	0
85	0	0
90	0	0

°Vertical Angles
*Luminaire Lumens

Notes

- Photometric Reports:
F1336CP 1100 lm KV Report No. F13362I-01,
F1336CP 1500 lm KV Report No. F13362H-01.
F1336CP 2100 lm KV Report No. 71414-01.
- 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.