



J2333CP Wide 48°
J2335CP Medium 38°
J2337CP Narrow 22°

4 1/2" Square Directional Downlights, Chicago Plenum

OPTICS and APPLICATIONS

This generation of directional downlights optimizes output while controlling glare in both directional and downlight applications. The optical assembly is designed with locking capability to rotate 360° and angulate 35° (30° with Full Lens Trim option) to accommodate architectural aiming and control.

DESIGN FEATURES - MultiSource® Capable

The shallow housing 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. The fixture incorporates an aperture assembly which slides 1/2" in any direction and pivots 7° while maintaining optimum photometric performance. Proprietary heat sinks ensure proper temperatures are maintained. Components are Zhaga compatible to accommodate future source options. Service from below only. Maximum ceiling thickness is 1 1/2".

DRIVERS

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 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 CCEA approved for Chicago Plenum application and is pre-wired and thermal protected. CSA certified to US and Canadian safety standards. Suitable for damp locations and eight wire 90°C, branch circuit wiring. All products are union made. Designed and manufactured in the USA.

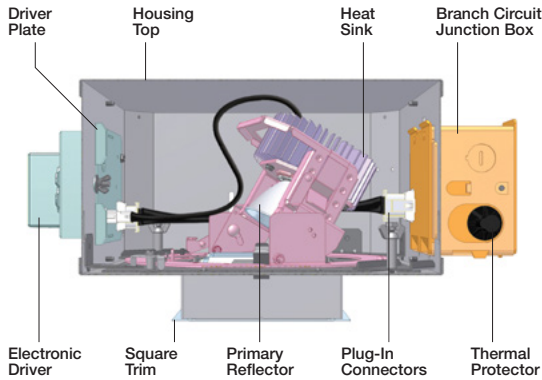
WARRANTY

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

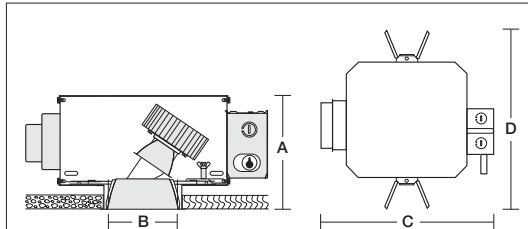
ENERGY INFORMATION

Fixture	Source Lumens	Xicato XTM, 80 CRI			Cree, 80 CRI		
		Delivered Lumens	System Watts	lm/W	Delivered Lumens	System Watts	lm/W
J2333CP	1100	599	12	50.0	449	11.6	38.7
	1500	893	17	53.0	684	16.6	41.2
	2100	1274	25	51.0	1032	22.4	46.1
J2335CP	1100	613	12	51.0	444	11.6	38.3
	1500	945	17	56.0	678	16.6	40.8
	2100	1305	25	52.2	1022	22.4	45.6
J2337CP	1100	680	12	57.0	423	11.6	36.4
	1500	1019	17	60.0	644	16.6	38.8
	2100	1446	25	57.8	972	22.4	43.4

*Data recorded at nadir.



DIMENSIONS



Number	A Depth	B Aperture	C Width	D Length
J2333CP	7 5/8"	4 1/2"	16 1/4"	16 1/16"
J2335CP	194mm	114mm	413mm	408mm
J2337CP				

ORDERING GUIDE

Base Specification (required) Example: J2335CP-213012D				Options (optional)									
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Model	Source Lumens	Kelvin	Volts	Dimming	CRI	Trim Finish	Trim Color	Trim Paint	Fixed Optics	Lens Options ⁴	Flush Mount	Fuse	Support Rails
J2333CP Wide	11 1100	27 2700K	12 120V	D Standard 0-10V, to 10%.	Standard 80 CRI	Standard Softglow® (S)	Standard Clear (C)	Standard clear	Standard adjustable	Standard open SO Solite lens.	Standard with flange	F Fuse.	R2 26"
J2335CP Medium	15 1500	30 3000K	27 277V	DM1 0-10V to 1%.	90 90 CRI	SS SoftSheen™	B Black	WT White Flange.	DP Fixed downlight position.	SOFR Solite lens frosted.	FMH4 ⁴ Flush mount drywall.		R5 52"
J2337CP Narrow	21 2100	35 3500K 40 4000K		D1 Hi-lume 1% 3-wire LED driver DE Hi-lume 1% EcoSystem LED driver. DALI DALI DM01 0-10V to .1%.	AS ¹ 98 CRI VSB ² Vibrant 83 CRI VS9 ³ Vibrant 95 CRI		G Gold W Wheat Y Pewter	WHT White Trim, complete. BT Black Flange.		LL Linear lens frosted. LS Clear lens. LSFR Clear lens frosted.			Products designated FMH4 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.
- When used with a lens, this product is listed for wet location and covered ceiling mount only.

Rev Date 07/24/19



J2333CP

Cut out dimensions: 5⁷/₃₂". Outer flange dimension: 5⁵/₈".

J2333

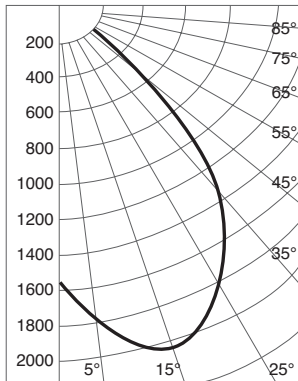
Footcandle Values at 15° Tilt

Distance	5'			8'			10'			12'												
	Nadir	10°	20°	Nadir	10°	20°	Nadir	10°	20°	Nadir	10°	20°										
Source	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam	FC	FC	Diam							
J2333CP 2100 lm 3000K	81	74	2'	51	4'		32	29	3'	20	6'		20	19	4'	13	7'	14	13	4'	9	9'

Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane					Ceiling to Floor				Multiple Units Initial Footcandles, 30" Work Plane					
J2333CP Xicato® 2100 lm 3000K Read Top Data									Ceiling 80% Walls 50% Floor 20%					
Nadir	10°	20°	30°	Spacing is Maximum Over Work Plane										
FC	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam
FC	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam
36	30	3'	20	5'	7	9'	10'				6'	41	36	28
23	19	3'	12	7'	4	11'	12'				7'	26	23	17
15	13	4'	8	8'	3	13'	14'				9'	18	16	12
11	9	5'	6	10'	2	16'	16'				11'	13	11	9
8	7	5'	5	11'	2	18'	18'				12'	10	9	7

Candlepower Distribution



J2333CP Xicato® 2100 lm 3000K
15° Tilt
Luminous efficacy 50.0 S/M .78

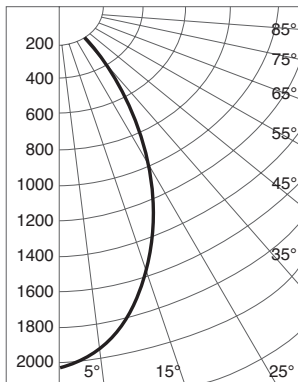
Candelas

°	25W	
	o	1250*
0	2032	
5	1945	
10	1780	
15	1550	
20	1328	
25	991	
30	559	
35	230	
40	67	
45	15	
50	10	
55	7	
60	5	
65	3	
70	0	
75	0	
80	0	
85	0	
90	0	

°Vertical Angles
*Luminaire Lumens

Notes

- Photometric Reports:
J2333CP 2100 lm 15° Tilt
KV Report No. 50445-E-01,
2100 lm KV Report No. 501415-A-01
- SoftSheen™ trim 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.



J2333CP Xicato® 2100 lm 3000K
15° Tilt
Luminous efficacy 51.0 S/M .78

°	25W	
	o	1274*
0	2034	
5	1948	
10	1788	
15	1561	
20	1339	
25	1005	
30	581	
35	234	
40	77	
45	16	
50	12	
55	9	
60	8	
65	6	
70	0	
75	0	
80	0	
85	0	
90	0	

°Vertical Angles
*Luminaire Lumens

J2335CP

Cut out dimensions: 5⁷/₃₂". Outer flange dimension: 5⁵/₈".

J2335

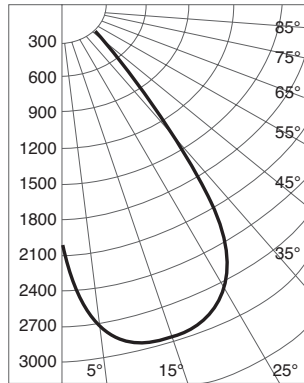
Footcandle Values at 15° Tilt

Distance	5'				8'				10'				12'							
	Nadir	10°	20°		Nadir	10°	20°		Nadir	10°	20°		Nadir	10°	20°					
Source	FC	FC	Diam	FC	Diam	FC	FC	Diam	FC	Diam	FC	Diam	FC	FC	Diam	FC	Diam			
J2335CP 2100 lm 3000K	120	107	2'	42	4'	47	42	3'	16	6'	30	27	4'	10	7'	21	19	4'	7	9'

Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane					Ceiling to Floor				Multiple Units Initial Footcandles, 30" Work Plane					
J2335CP Xicato® 2100 lm 3000K Read Top Data									Ceiling 80% Walls 50% Floor 20%					
Nadir	10°	20°		30°					Spacing is Maximum Over Work Plane					
FC	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam	FC	Diam
									Spacing	RCR 1	RCR 3	RCR 8		
53	44	3'	19	5'	6	9'	10'				5'	68	60	48
33	28	3'	12	7'	4	11'	12'				6'	42	38	30
23	19	4'	8	8'	2	13'	14'				7'	29	26	21
16	14	5'	6	10'	2	16'	16'				8'	21	19	15
12	10	5'	5	11'	1	18'	18'				10'	16	14	11

Candlepower Distribution



J2335CP Xicato® 2100 lm 3000K
15° Tilt
Luminous efficacy 52.0 S/M .62

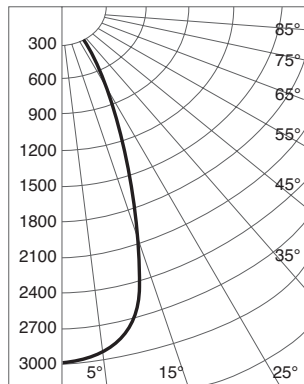
Candelas

°	25W
	1301*
0	2990
5	2894
10	2798
15	2025
20	1251
25	700
30	475
35	77
40	33
45	12
50	9
55	8
60	0
65	0
70	0
75	0
80	0
85	0
90	0

°Vertical Angles
*Luminaire Lumens

Notes

- Photometric Reports:
J2335CP 2100 lm 15° Tilt
KV Report No. 42815-E-01,
2100 lm KV Report No. 42815-B-01
- SoftSheen™ trim 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.



J2335CP Xicato® 2100 lm 3000K
15° Tilt
Luminous efficacy 52.0 S/M .62

°	25W
	1305*
0	2990
5	2885
10	2612
15	2021
20	1317
25	718
30	495
35	78
40	35
45	12
50	8
55	7
60	0
65	0
70	0
75	0
80	0
85	0
90	0

°Vertical Angles
*Luminaire Lumens

J2337CP

J2337

Cut out dimensions: 5⁷/₃₂". Outer flange dimension: 5⁵/₈".

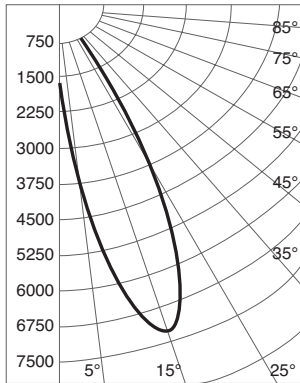
Footcandle Values at 15° Tilt

Distance	5'			8'			10'			12'		
	Nadir	5°	15°	Nadir	5°	15°	Nadir	5°	15°	Nadir	5°	15°
Source	FC	FC Diam	FC Diam	FC	FC Diam	FC Diam	FC	FC Diam	FC Diam	FC	FC Diam	FC Diam
J2337CP 2100 lm 3000K	291	266	1' 64	114	104	1' 25	73	66	2' 16	51	46	2' 11

Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane					Ceiling to Floor				Multiple Units Initial Footcandles, 30" Work Plane			
J2337CP Xicato® 2100 lm 3000K Read Top Data									Ceiling 80% Walls 50% Floor 20%			
Nadir	5°	15°	25°	Spacing is Maximum Over Work Plane								
FC	FC Diam	FC Diam	FC Diam	Spacing	RCR 1	RCR 3	RCR 8					
55	50	2'	12	6'	3	11'	14'	4'	95	87	73	
40	36	2'	9	7'	2	13'	16'	5'	69	63	53	
30	28	3'	7	8'	2	14'	18'	6'	52	48	40	
24	22	3'	5	9'	1	16'	20'	6'	41	38	32	
19	17	3'	4	10'	1	18'	22'	7'	33	30	26	

Candlepower Distribution



J2337CP Xicato® 2100 lm 3000K
15° Tilt
Luminous efficacy 58.0 S/M .36

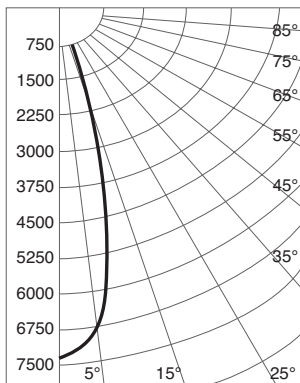
Candelas

	25W
o	1439*
0	7274
5	6719
10	3895
15	1778
20	1025
25	550
30	231
35	42
40	20
45	9
50	7
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0

°Vertical Angles
*Luminaire Lumens

Notes

- 1 Photometric Reports:
J2337CP 2100 lm 15° Tilt
KV Report No. 42815-GA-01,
2100 lm KV Report No. 42915-A-01
- 2 SoftSheen™ trim multiplier,
contact factory.
- 3 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.
- 4 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.



J2337CP Xicato® 2100 lm 3000K
15° Tilt
Luminous efficacy 58.0 S/M .36

	25W
o	1446*
0	7275
5	6721
10	3899
15	1780
20	1032
25	558
30	238
35	44
40	22
45	9
50	7
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0

°Vertical Angles
*Luminaire Lumens