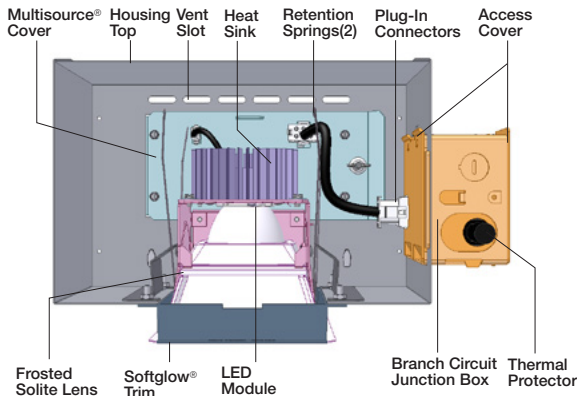




J1542TZ Wide 70°
J1544TZ Medium 45°
J1546TZ Narrow 27°

4 1/2" Square Downlights with Lens, TechZone™ 6" Technical Ceiling Grid Compatible



OPTICS and APPLICATIONS

Downlight LED optical systems are engineered to provide optimal performance while maintaining a quiet ceiling presence. Products are provided standard with a clear Solite lens, providing an even distribution with maximum brightness control.

DESIGN FEATURES - MultiSource® Capable

Kurt Versen classic square aperture products are designed to integrate seamlessly into the 6" technical zone ceiling grid. They fill the entire span with a precisely engineered trim. Standard in the Softglow® finish they reduce glare while providing a softly lit elegant ceiling detail. Kurt Versen products are engineered for the specific installation requirements of each ceiling grid configuration. See the order guide below for details. Mounting rails included. For metric installation, contact factory.

Fixture housings are designed with MultiSource® plug and play connectors allowing field conversion to other sources. New lighting technologies will be incorporated as they become available assuring continuity. Proprietary passive heat sinks ensure proper temperatures are maintained. Bottom service only.

DRIVERS

Dimming is standard 0-10V/10%. Rated life is 50,000 hours at 70% lumen output.

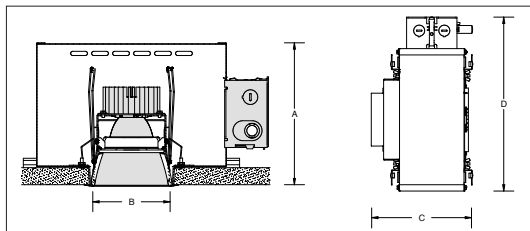
FINISH

Standard trim is anodized Softglow® clear. SoftSheen™ is a new finish that lowers apparent brightness due to remote phosphor sources. Steel parts are phosphate conditioned then painted matte black to suppress light leaks.

GENERAL

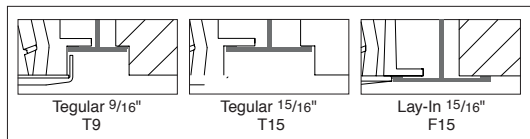
Fixture is pre-wired and thermal protected, CSA certified for damp location and covered ceiling mount only with eight wire 90°C, branch circuit wiring. All products are union made. Designed and manufactured in the USA.

DIMENSIONS



Number	A Height	B Aperture	C Width*	D Length
J1542TZ	8 1/2" / 216mm	4 1/2" sq. / 114mm	6" / 150mm	10 3/8" / 264mm
J1544TZ				
J1546TZ				

CEILING TYPE GUIDE



WARRANTY

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

ENERGY INFORMATION

Fixture	Source Lumens	Delivered Lumens	System Watts	lm/W
J1542TZ	1100	769	12	64.0
	1500	1084	17	64.0
	2100	1553	24	65.0
	2800	1975	33	60.0
J1544TZ	1100	863	12	72.0
	1500	1216	17	72.0
	2100	1703	24	71.0
	2800	2170	33	66.0
J1546TZ	1100	865	12	72.0
	1500	1249	17	73.0
	2100	1748	24	73.0
	2800	2169	33	66.0

ORDERING GUIDE

Base Specification (required)
 Example: J1542TZ-T9-113012D

Options (optional)

Model	Ceiling Type	Source Lumens	Kelvin	Volts	Dimming	CRI	Trim Finish	Trim Color	Trim Paint	Lens Options	Fuse	EM
J1542TZ Wide	T9 Tegular 9/16"	11 1100	27 2700K	12 120V	D Standard 0-10V, to 10%. DM1 0-10V to 1%. D1 Hi-lume 1% 3-wire LED driver DE Hi-lume 1% EcoSystem LED driver. to 1%. DALI DM01 0-10V to .1%. DMX DMX Enabled.	Standard 83 CRI AS ¹ 98 CRI VS8 ³ Vibrant 83 CRI VS9 ³ Vibrant 95 CRI	Standard Softglow® (S) SS SoftSheen™	Standard Clear (C) B Black G Gold W Wheat Y Pewter	Standard clear AWT Ceiling System White, trim flange only AWHT Ceiling System White, complete trim WT White Flange WHT White Trim, complete BT Black Flange	Standard Solite LLFR Linear Lens Frosted	F ⁴ Fuse.	REM Remote EM. Includes battery pack, charger light, test switch for 90 minutes. Remote mount only. Ceiling access required.
	T15 Tegular 15/16"	15 1500	30 3000K	27 277V								
	F15 Lay-In 15/16"	21 2100	35 3500K	40 4000K								
J1544TZ Medium												
J1546TZ Narrow												

OPTION NOTES

- Xicato® Artist Series® 98 +/-3 CRI modules up to 2100 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 2100 lm, 3000K only. Contact factory for energy information.
- Not available with REM option.
- For more information on ceiling system, contact factory.
- TechZone™ is a registered trademark of Armstrong Ceiling Grid.

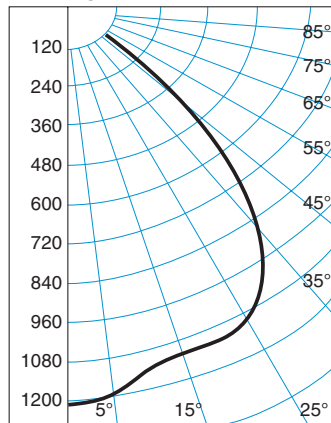
Rev Date 07/24/19

J1542TZ Wide 70°

Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor	Multiple Units Initial Footcandles, 30" Work Plane				
J1542TZ 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	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



J1542TZ Xicato® 2100 lm 3000K
S/M 1.12
Luminous efficacy 65.0

Candelas

°	24W
	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

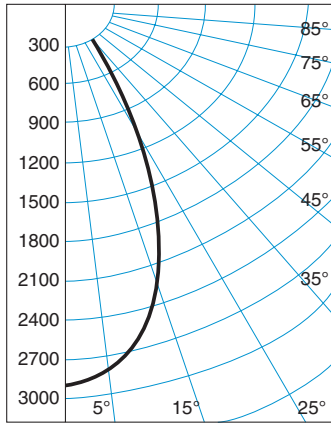
- 1 Photometric Reports: J1542TZ 2100 lm KV Report No. 103014-01.
- 2 Softglow® colored cone multipliers, contact factory.
- 3 SoftSheen™ cone multipliers, contact factory.
- 4 Single unit Datachart pattern diameters are determined by the number of degrees from each side of nadir. Therefore a 15° diameter 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.

J1544TZ Medium 45°

Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor		Multiple Units Initial Footcandles, 30" Work Plane			
J1544 Xicato® 2100 lm 3000K Read Top Data								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



J1544 Xicato® 2100 lm 3000K
S/M .72
Luminous efficacy 71.0

Candelas

	24W
o	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

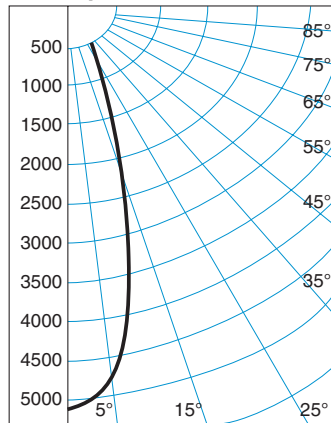
- 1 Photometric Reports: J1544TZ 2100 lm KV Report No. 111014-01.
- 2 Specular colored cone multipliers, contact factory.
- 3 SoftSheen™ cone multiplier and Softglow® cone multiplier, contact factory.
- 4 Single unit Datachart pattern diameters are determined by the number of degrees from each side of 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.

J1546TZ Narrow 27°

Performance Datachart

Single Unit Initial Footcandles, 30" Work Plane						Ceiling to Floor		Multiple Units Initial Footcandles, 30" Work Plane			
J1546TZ Xicato® 2100 lm 3000K Read Top Data								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'	21	5'	8	9'	12'		4'	103	92	71
39	2'	14	6'	5	11'	14'		5'	70	62	49
28	2'	10	7'	4	13'	16'		6'	51	45	35
21	3'	8	8'	3	14'	18'		7'	39	34	27
17	3'	6	9'	2	16'	20'		8'	30	27	21

Candlepower Distribution



J1546TZ 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: J1546TZ 2100 lm KV Report No. 100914-01.
- 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.