

Juno®

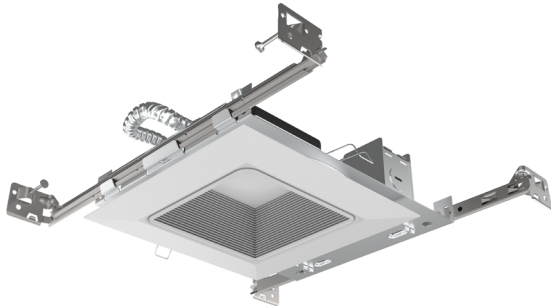
Podz™ LED Downlight Series

6" Canless Round and Square LED Downlight
New Construction or Remodel

JPDZ6 Series



Complete remodel fixture shown

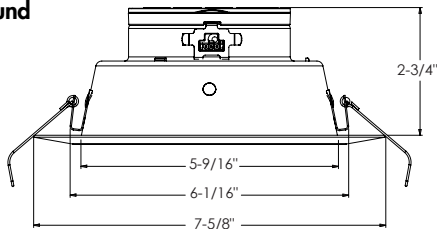


Complete new construction fixture shown

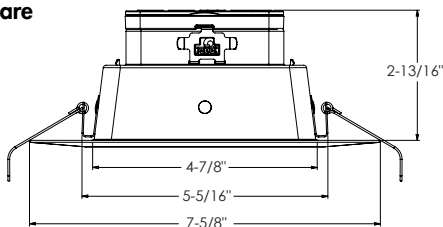


Dimensions

6" Round



6" Square



Application Flexibility - Remodel

Shape	+	Mounting Style	=	Complete Fixture
Round Module		Remodel		

Application Flexibility - New Construction

Shape	+	Mounting Style	=	Complete Fixture
Square Module		New Construction		

Project:

Fixture Type:

Location:

Contact/Phone:

Product Features

Canless low profile 6" LED recessed downlight with deeply regressed light source and technology rich features offers performance up to 1200L and installation solutions for both new construction and remodel applications.

Patented color temperature and intensity configurable lighting fixture (US Patent No. 11,259,377 B2)

- Integrated light engine offers switchable LED color temperature and adjustable lumen output directly on module for easy switching
- Advanced color mixing technology provides consistent performance on the black body curve at all LED color temperatures while maintaining a high 90+ CRI
- Warmdim™ setting provides performance similar to incandescent light sources and warms the LED color temperature over the dimming range from 2850K to 1900K

Installation flexibility and ease

- Low profile integrated LED downlight less than 3" in height fits virtually anywhere
- Installs directly into the plenum - eliminates need for typical recessed housing
- Installs into new construction or remodel applications

Applications

- Ideal for a breadth of residential and commercial applications
- Shallow plenum installations
- IC rated - for direct contact with insulation
- Wet location listed - for use in shower and outdoor covered ceiling applications

Performance

Switchable Delivered Lumens	700L, 1000L, 1200L
Switchable LED Color Temperature	27K, 30K, 35K, 40K, 50K
WarmDim Included as standard	2850K - 1900K over dimming range
CRI	90+
Voltage	Dedicated 120V or MVOLT (120-277V)
Dimming	Forward/Reverse Phase or 0-10V Dimming range from 100% to 5%

Specifications

	Round	Square
Aperture:	5.56" (14.13)	4.88" (12.39)
Ceiling Opening:	6.87" (17.46)	6.87" (17.46)
Overlap Trim:	7.625" (19.37)	7.625" (19.37)
Height:	2.75" (6.99)	2.81" (7.14)

All dimensions are in Inches (centimeters unless otherwise indicated).



Podz™ LED Downlight Series

6" Canless Round and Square LED Downlight
New Construction or Remodel

ORDERING INFORMATION

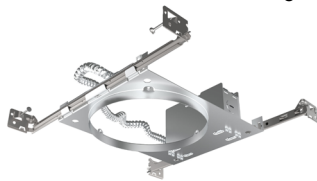
Two ways to
order Podz:

1. Ship separate trim module and mounting

Trim Module



Mounting Option



or



Example: JPDZ6 DC AL010 SWW5WD 90CRI JPDZRMJBX 120 FRPC WWH, Ships as example: Trim module: JPDZ6 DC AL010 SWW5WD 90CRI 120 FRPC WWH M6, Mounting: JPDZRMJBX 120 FRPC M6

Series	Trim Type	Lumens	Color Temperature	CRI
JPDZ6 Juno Podz 6" LED Downlights	DB Round Downlight Baffle DC Round Downlight Cone SQDB Square Downlight Baffle SQDC Square Downlight Reflector	AL010 Adjustable Lumen Output 700L, 1000L, and 1200L	SWW5WD Switchable White 2700K, 3000K, 3500K, 4000K, 5000K, + WarmDim (2850K-1900K)	90CRI 90+CRI

Mounting (Required for complete fixture)	Voltage/Driver	Finish
REMODEL: JPDZRMJBX ⁴ Juno Podz universal remodel junction box (for 4", 5", 6")	120 FRPC 120V Forward/Reverse Phase Cut, 5% dim MVOLT ZT10 Multi-Volt (120-277), 0-10V, 10% dim	WWH¹ White, White Trim Ring BWH^{2,5} Black, White Trim Ring CWH³ Clear, White Trim Ring HZWH³ Haze, White Trim Ring WHZWH³ Wheat Haze, White Trim Ring
NEW CONSTRUCTION: JPDZ6NCMF Juno Podz 6IN New Construction Mounting Frame (For use with Round and Square Trim Modules)		

NOTES

- 1 WWH is available with DB, SQDB, DC and SQDC.
- 2 BWH only available with DB and SQDB.
- 3 CWH, HZWH and WHZWH only available with DC and SQDC.
- 4 Not for use in an existing housing.
- 5 Square black baffle not T24 certified.



2. All-in-one box remodel downlight

Series	Trim Type/Voltage	Finish
JPDZ6JB Juno Podz 6" Trim and Remodel Junction Box	RDB1 Round Downlight Baffle 120V RDC1 Round Downlight Cone 120V	WWH White, White Trim Ring

EMERGENCY OPERATION OPTION

For use in Non-IC applications where insulation is spaced at least 3" away
If installing from below the ceiling, minimum plenum depths required:
IIS 25 = 9 1/2"
IIS 50 = 12 1/8"

Iota IIS 25 I	25W Emergency Micro-Inverter
Iota IIS 50 I	50W Emergency Micro-Inverter

ACCESSORIES

Trim inserts are interchangeable and field installable to easily change the aesthetic of the Podz luminaire

RK3JPDZ6 DB BWH BFL	6" Round Baffle Black Trim Insert
RK3JPDZ6 DB WWH BFL	6" Round Baffle White Trim Insert
RK3JPDZ6 DC CWH RFL	6" Round Cone Clear Trim Insert
RK3JPDZ6 DC HZWH RFL	6" Round Cone Haze Trim Insert
RK3JPDZ6 DC WHZWH RFL	6" Round Cone Wheat Haze Trim Insert
RK3JPDZ6 DC WWH RFL	6" Round Cone White Trim Insert
RK3JPDZ6 SQDB BWH BFL	6" Square Baffle Black Trim Insert
RK3JPDZ6 SQDB WWH BFL	6" Square Baffle White Trim Insert
RK3JPDZ6 SQDC CWH RFL	6" Square Cone Clear Trim Insert
RK3JPDZ6 SQDC HZWH RFL	6" Square Cone Haze Trim Insert
RK3JPDZ6 SQDC WHZWH RFL	6" Square Cone Wheat Haze Trim Insert
RK3JPDZ6 SQDC WWH RFL	6" Square Cone White Trim Insert



Podz™ LED Downlight Series

6" Canless Round and Square LED Downlight
New Construction or Remodel

Specifications

LED Light Engine

Patented color temperature and intensity configurable lighting fixture (US Patent No. 11,259,377 B2) with integrated light engine that mounts directly to aluminum housing providing superior heat transfer to ensure long life of the electronics • Switchable LED color temperature and adjustable lumen output directly on module for easy switching • Advanced color mixing technology provides consistent color rendering on the black body curve at all LED color temperatures • LED color temperature settings include 2700K, 3000K, 3500K, 4000K and 5000K; factory set at 3000K • Three lumen switching options include 700L, 1000L and 1200L; factory set at 1000L • Dedicated WarmDim setting provides performance similar to incandescent light sources and warms the LED color temperature over the dimming range from 2850K to 1900K • 90CRI minimum

LED Driver

Choice of dedicated 120 volt (120) driver or universal voltage (MVOLT) drivers that accommodate input voltages from 120-277 volts AC at 50/60Hz • Power factor > 0.9 at 120V input • 120 volt only driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers • Universal voltage drivers are dimmable with the use of most 0-10V wall box dimmers • For a list of compatible dimmers, see [JUNOICLED-DIM](#)

Optical System

Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDS and produces uniform aperture luminance • Deep regression of lens produces a low glare, efficient system typical of a standard 4" downlight medium flood distribution providing even illumination for general downlighting applications.

Certifications

Can be used to comply with 2019 Title 24, Part 6, JA8 high efficacy LED light source requirements • UL listed for U.S. and Canada through-branch wiring, damp locations and for wet location (indoor and outdoor covered ceiling) • UL and cUL • NOM Certified.

Testing All reports are based on published industry procedures; field performance may differ from laboratory performance.

Trim Module Construction

Low profile, < 3" aluminum housing with integral white flange • Designed for installation directly into the plenum in IC (insulated ceiling) or non-IC construction • Provided with spring clips for ease of installation • Accommodates up to a 1 1/2" ceiling thickness

Trim Finishes

Choice of baffle or cone trims in a selection of finishes ship installed in trim • Optional field installable trim inserts available.

Remodel Junction Box Construction

22-gauge die-formed galvanized steel junction box • Conduit cable with quick connect electrical plug pre-wired on junction box and allows for easy electrical connection with the trim module • Junction box provided with (5) 1/2" and (1) 3/4" knockouts, (4) integrated wire traps for 12/2 or 12/3 NM cable UL listed and cUL listed for through-branch wiring, maximum of 4 #12 branch circuit

New Construction Mounting Frame

22-gauge die-formed galvanized steel mounting frame • Rough-in section (junction box, mounting frame and bar hangers) fully assembled for ease of installation • Pre-installed Air-Loc gasket applied to frame • Conduit cable with quick connect electrical plug pre-wired on junction box and allows for easy electrical connection with the trim module • Junction box provided with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 12/3 NM cable and ground wire • UL listed and cUL listed for through-branch wiring, maximum of 6 #12 branch circuit conductors • Junction box provided with removable access plates • Knock-outs equipped with pryout slots

Includes Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Includes removable nail for repositioning of fixture in wood joist construction • Integral T-bar notch and clip for suspended ceilings.

LED housing is designed to provide 33,000 hours of life at 70% lumen maintenance • 5 year limited warranty on LED components.

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.



Control the LED color temperature and lumen output in your space with the switchable LED color temperature and adjustable lumen output switches accessible directly on the Podz trim.

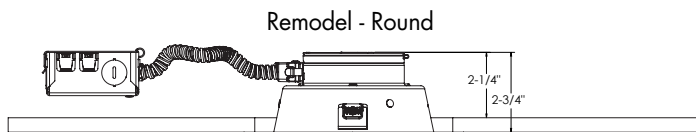


Podz™ LED Downlight Series

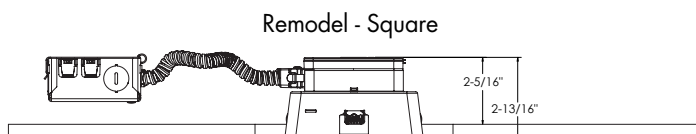
6" Canless Round and Square LED Downlight
New Construction or Remodel

TECHNICAL DATA

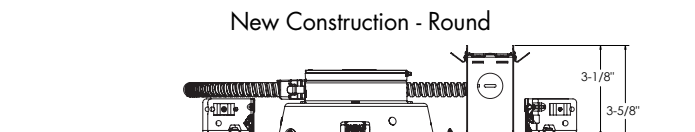
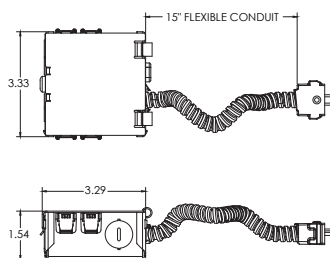
Dimensional Data and Electrical Data



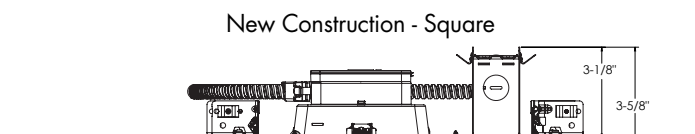
6 7/8" CEILING CUTOUT



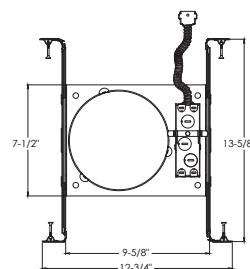
6 7/8" CEILING CUTOUT



6 7/8" CEILING CUTOUT



6 7/8" CEILING CUTOUT



ELECTRICAL DATA

Dedicated 120V Only Driver Option (120 FRPC)

	700L	1000L	1200L
Input Power	9.3W (+/-5%)	13.7W (+/-5%)	15.9W (+/-5%)
Input Current	0.08A	0.12A	0.14A
Frequency	50/60Hz	50/60Hz	50/60Hz
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)
Minimum starting temp	-20°C	-20°C	-20°C

ELECTRICAL DATA

Universal Voltage

MVOLT ZT10

700L		1000L		1200L	
120V	277V	120V	277V	120V	277V
Input Power	9.3W (+/-5%)	9.3W (+/-5%)	13.7W (+/-5%)	15.9W (+/-5%)	15.9W (+/-5%)
Input Current	0.08A	0.03A	0.12A	0.05A	0.06A
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)
Minimum starting temp	-20°C	-20°C	-20°C	-20°C	-20°C



Podz™ LED Downlight Series

6" Canless Round and Square LED Downlight
New Construction or Remodel

PHOTOMETRICS

Distribution Curve

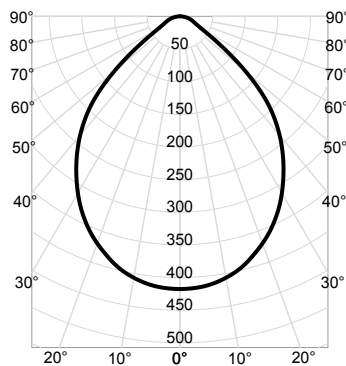
Distribution Data

Output Data

Coefficient of Utilization

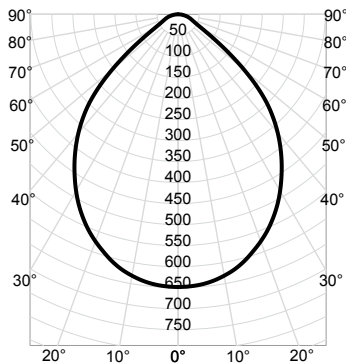
Illuminance Data at 30" Above
Floor for a Single Luminaire

JPDZ6 DB 700LM 3000K 90CRI WWH Input Watts: 9.3, Delivered Lumens: 742, LPW: 79.8, S/MH: 1.12, Test No: 20-971-1P39



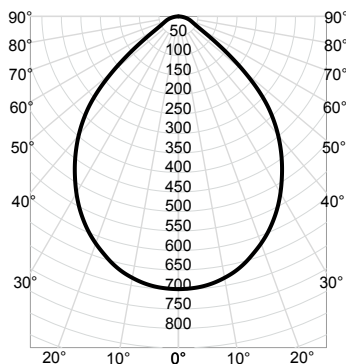
CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
						pf	80%			20%			50%				Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
	0°	Zone	Lumens	% Fixture	pc	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	418	0° - 30°	308	41%	0	119	119	119	116	116	116	111	111	111	6.0	11.6	11.3	0°	29,569		
5°	415	0° - 40°	480	65%	1	108	104	101	105	102	100	101	99	97	8.0	6.5	15.0	45°	19,238		
15°	391	0° - 60°	693	93%	2	97	92	87	95	90	86	92	88	84	10.0	4.2	18.8	55°	8,925		
25°	344	0° - 90°	742	100%	3	88	81	76	86	80	75	83	78	74	12.0	2.9	22.6	65°	4,467		
35°	276	90° - 180°	0	0%	4	80	72	67	78	72	66	76	70	65	14.0	2.1	26.3	75°	4,234		
45°	192	0° - 180°	742	100%	5	72	65	59	71	64	59	69	63	58	Beam Angle: 86.5° Field Angle: 119.0°				85°	3,488	
55°	72				6	66	59	53	65	58	53	64	57	52							
65°	27				7	61	53	48	60	53	48	59	52	47							
75°	15				8	56	49	43	55	48	43	54	48	43							
85°	4				9	52	45	40	51	44	40	50	44	39							
90°	0				10	48	41	36	48	41	36	47	41	36							

JPDZ6 DB 1000LM 3000K 90CRI WWH Input Watts: 13.7, Delivered Lumens: 1152, LPW: 84.1, S/MH: 1.12, Test No: 20-971-1P51



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
						pf pc	80%			20% 70%			50%			Mounting Height	Initial FC Center Beam	Beam Diameter		Average Luminance
	0°	Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	648	0° - 30°	478	41%	0	119	119	119	116	116	116	111	111	111	6.0	18.0	11.3	0°	45,907	
5°	645	0° - 40°	745	65%	1	108	104	101	105	102	100	101	99	97	8.0	10.1	15.0	45°	29,869	
15°	608	0° - 60°	1,077	93%	2	97	92	87	95	90	86	92	88	84	10.0	6.5	18.8	55°	13,856	
25°	534	0° - 90°	1,152	100%	3	88	81	76	86	80	75	83	78	74	12.0	4.5	22.6	65°	6,935	
35°	429	90° - 180°	0	0%	4	80	72	67	78	72	66	76	70	65	14.0	3.3	26.3	75°	6,574	
45°	298	0° - 180°	1,152	100%	5	72	65	59	71	64	59	69	63	58	Beam Angle: 86.5° Field Angle: 119.0°			85°	5,416	
55°	112				6	66	59	53	65	58	53	64	57	52						
65°	41				7	61	53	48	60	53	48	59	52	47						
75°	24				8	56	49	43	55	48	43	54	48	43						
85°	7				9	52	45	40	51	44	40	50	44	39						
90°	0				10	48	41	36	48	41	36	47	41	36						

JPDZ6 DB 1200LM 3000K 90CRI WWH Input Watts: 15.9, Delivered Lumens: 1242, LPW: 78.1, S/MH: 1.12, Test No: 20-971-1P63



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens	% Fixture	pf	80%				20%				Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance		
					pc														
					50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	699	0° - 30°	515	41%	0	119	119	119	116	116	116	111	111	111	6.0	19.4	11.3	0°	49,494
5°	695	0° - 40°	803	65%	1	108	104	101	105	102	100	101	99	97	8.0	10.9	15.0	45°	32,202
15°	655	0° - 60°	1,161	93%	2	97	92	87	95	90	86	92	88	84	10.0	7.0	18.8	55°	14,939
25°	576	0° - 90°	1,242	100%	3	88	81	76	86	80	75	83	78	74	12.0	4.9	22.6	65°	7,477
35°	463	90° - 180°	0	0%	4	80	72	67	78	72	66	76	70	65	14.0	3.6	26.3	75°	7,088
45°	322	0° - 180°	1,242	100%	5	72	65	59	71	64	59	69	63	58	Beam Angle: 86.5° Field Angle: 119.0°			85°	5,839
55°	121			6	66	59	53	65	58	53	64	57	52						
65°	45			7	61	53	48	60	53	48	59	52	47						
75°	26			8	56	49	43	55	48	43	54	48	43						
85°	7			9	52	45	40	51	44	40	50	44	39						
90°	0			10	48	41	36	48	41	36	47	41	36						



Podz™ LED Downlight Series

6" Canless Round and Square LED Downlight
New Construction or Remodel

PHOTOMETRICS

Distribution Curve

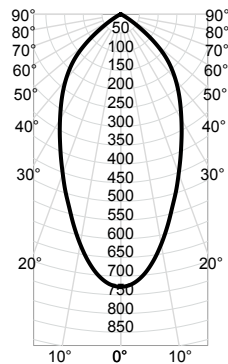
Distribution Data

Output Data

Coefficient of Utilization

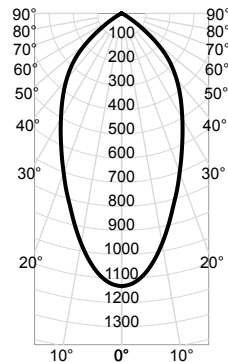
Illuminance Data at 30" Above
Floor for a Single Luminaire

JPDZ6 DC 700LM 3000K 90CRI WWH Input Watts: 9.3, Delivered Lumens: 766, LPW: 82.4, S/MH: 0.75, Test No: 20-971-4P77



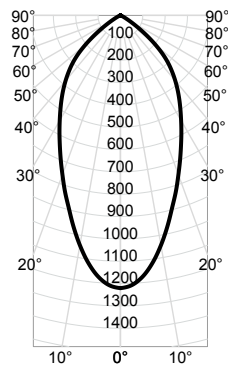
CP Summary		Zonal Lumen Summary			Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
					pf	80%					20%					Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°		Zone	Lumens	% Fixture	pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%				
0°	729	0° - 30°	390	51%	0	119	119	119	116	116	116	111	111	111	6.0	20.3	6.0	0° 51,624	
5°	699	0° - 40°	562	73%	1	109	107	104	107	105	102	103	101	99	8.0	11.4	8.0	45° 18,118	
15°	533	0° - 60°	756	99%	2	100	95	91	98	94	90	95	91	88	10.0	7.3	10.0	55° 7,449	
25°	383	0° - 90°	766	100%	3	92	86	81	90	85	80	87	83	79	12.0	5.1	12.0	65° 1,249	
35°	274	90° - 180°	0	0%	4	84	78	73	83	77	72	81	75	71	14.0	3.7	14.0	75° 193	
45°	181	0° - 180°	766	100%	5	77	71	66	76	70	65	75	69	65	Beam Angle: 53.1° Field Angle: 107.9°			85° 164	
55°	60				6	71	65	60	71	64	59	69	63	59					
65°	7				7	66	59	54	66	59	54	64	58	54					
75°	1				8	62	55	50	61	54	50	60	54	50					
85°	0				9	57	51	46	57	50	46	56	50	46					
90°	0				10	54	47	43	53	47	43	52	47	43					

JPDZ6 DC 1000LM 3000K 90CRI WWH Input Watts: 13.7, Delivered Lumens: 1189, LPW: 86.8, S/MH: 0.75, Test No: 20-971-4P101



CP Summary		Zonal Lumen Summary			Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
					pf	80%					20%					Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
0°	Zone	Lumens	% Fixture	pc	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	1,132	0° - 30°	606	51%	0	119	119	119	116	116	116	111	111	111	6.0	31.4	6.0	0°	80,149	
5°	1,086	0° - 40°	872	73%	1	109	107	104	107	105	102	103	101	99	8.0	17.7	8.0	45°	28,129	
15°	828	0° - 60°	1,174	99%	2	100	95	91	98	94	90	95	91	88	10.0	11.3	10.0	55°	11,566	
25°	595	0° - 90°	1,189	100%	3	92	86	81	90	85	80	87	83	79	12.0	7.9	12.0	65°	1,939	
35°	426	90° - 180°	0	0%	4	84	78	73	83	77	72	81	75	71	14.0	5.8	14.0	75°	300	
45°	281	0° - 180°	1,189	100%	5	77	71	66	76	70	65	75	69	65	Beam Angle: 53.1° Field Angle: 107.9°				85°	254
55°	94				6	71	65	60	71	64	59	69	63	59						
65°	12				7	66	59	54	66	59	54	64	58	54						
75°	1				8	62	55	50	61	54	50	60	54	50						
85°	0				9	57	51	46	57	50	46	56	50	46						
90°	0				10	54	47	43	53	47	43	52	47	43						

JPDZ6 DC 1200LM 3000K 90CRI WWH Input Watts: 15.9, Delivered Lumens: 1282, LPW: 80.6, S/MH: 0.75, Test No: 20-971-4P125



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
						pf	80%		70%		50%				Mounting Height	Initial FC Center Beam	Beam Diameter			
0°		Zone	Lumens	% Fixture	pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%			Average Luminance		
0°	1,221	0° - 30°	653	51%	0	119	119	119	116	116	116	111	111	111		6.0	33.9	6.0	0° 86,410	
5°	1,171	0° - 40°	940	73%	1	109	107	104	107	105	102	103	101	99		8.0	19.1	8.0	45° 30,327	
15°	893	0° - 60°	1,265	99%	2	100	95	91	98	94	90	95	91	88		10.0	12.2	10.0	55° 12,469	
25°	642	0° - 90°	1,282	100%	3	92	86	81	90	85	80	87	83	79		12.0	8.5	12.0	65° 2,091	
35°	459	90° - 180°	0	0%	4	84	78	73	83	77	72	81	75	71		14.0	6.2	14.0	75° 323	
45°	303	0° - 180°	1,282	100%	5	77	71	66	76	70	65	75	69	65					85° 274	
55°	101				6	71	65	60	71	64	59	69	63	59		Beam Angle: 53.1° Field Angle: 107.9°				
65°	12				7	66	59	54	66	59	54	64	58	54						
75°	1				8	62	55	50	61	54	50	60	54	50						
85°	0				9	57	51	46	57	50	46	56	50	46						
90°	0				10	54	47	43	53	47	43	52	47	43						



Podz™ LED Downlight Series

6" Canless Round and Square LED Downlight
New Construction or Remodel

PHOTOMETRICS

Distribution Curve

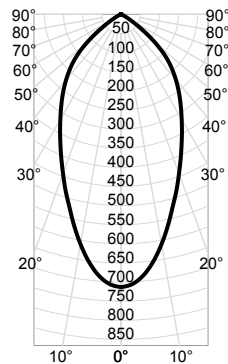
Distribution Data

Output Data

Coefficient of Utilization

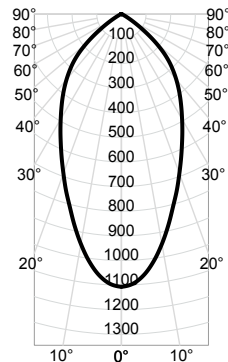
Illuminance Data at 30" Above
Floor for a Single Luminaire

JPDZ6 DC 700LM 3000K 90CRI HZWH Input Watts: 9.3, Delivered Lumens: 749, LPW: 80.5, S/MH: 0.75, Test No: 20-971-4P79



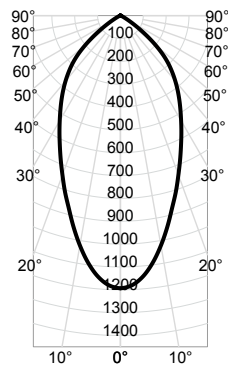
CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)					
						pf					20%						Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance				
0°		Zone	Lumens	% Fixture	pc	80%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%								
0°	713	0° - 30°	382	51%	0	119	119	119	116	116	116	111	111	111				6.0	19.8	6.0	0°	50,483		
5°	684	0° - 40°	549	73%	1	109	107	104	107	105	102	103	101	99				8.0	11.1	8.0	45°	17,718		
15°	521	0° - 60°	739	99%	2	100	95	91	98	94	90	95	91	88				10.0	7.1	10.0	55°	7,285		
25°	375	0° - 90°	749	100%	3	92	86	81	90	85	80	87	83	79				12.0	5.0	12.0	65°	1,221		
35°	268	90° - 180°	0	0%	4	84	78	73	83	77	72	81	75	71				14.0	3.6	14.0	75°	189		
45°	177	0° - 180°	749	100%	5	77	71	66	76	70	65	75	69	65							85°	160		
55°	59				6	71	65	60	71	64	59	69	63	59				Beam Angle: 53.1° Field Angle: 107.9°						
65°	7				7	66	59	54	66	59	54	64	58	54										
75°	1				8	62	55	50	61	54	50	60	54	50										
85°	0				9	57	51	46	57	50	46	56	50	46										
90°	0				10	54	47	43	53	47	43	52	47	43										

JPDZ6 DC 1000LM 3000K 90CRI HZWH Input Watts: 13.7, Delivered Lumens: 1163, LPW: 84.9, S/MH: 0.75, Test No: 20-971-4P103



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
						pf					20%						Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
						pc					70%		50%							
	0°	Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	1,107	0° - 30°	593	51%	0	119	119	119	116	116	116	111	111	111	6.0	30.8	6.0	0° 78,378		
5°	1,062	0° - 40°	853	73%	1	109	107	104	107	105	102	103	101	99	8.0	17.3	8.0	45° 27,508		
15°	810	0° - 60°	1,148	99%	2	100	95	91	98	94	90	95	91	88	10.0	11.1	10.0	55° 11,310		
25°	582	0° - 90°	1,163	100%	3	92	86	81	90	85	80	87	83	79	12.0	7.7	12.0	65° 1,896		
35°	417	90° - 180°	0	0%	4	84	78	73	83	77	72	81	75	71	14.0	5.6	14.0	75° 293		
45°	275	0° - 180°	1,163	100%	5	77	71	66	76	70	65	75	69	65	Beam Angle: 53.1° Field Angle: 107.9°			85° 249		
55°	92				6	71	65	60	71	64	59	69	63	59						
65°	11				7	66	59	54	66	59	54	64	58	54						
75°	1				8	62	55	50	61	54	50	60	54	50						
85°	0				9	57	51	46	57	50	46	56	50	46						
90°	0				10	54	47	43	53	47	43	52	47	43						

JPDZ6 DC 1200LM 3000K 90CRI HZWH Input Watts: 15.9, Delivered Lumens: 1254, LPW: 78.9, S/MH: 0.75, Test No: 20-971-4P127



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)			
	0°	Zone	Lumens	% Fixture	pf	80%					20%					Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance		
					pc																
					pw	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	1,194	0° - 30°	639	51%	0	119	119	119	116	116	116	111	111	111	6.0	33.2	6.0	0°	84,501		
5°	1,145	0° - 40°	919	73%	1	109	107	104	107	105	102	103	101	99	8.0	18.7	8.0	45°	29,657		
15°	873	0° - 60°	1,237	99%	2	100	95	91	98	94	90	95	91	88	10.0	11.9	10.0	55°	12,194		
25°	627	0° - 90°	1,254	100%	3	92	86	81	90	85	80	87	83	79	12.0	8.3	12.0	65°	2,045		
35°	449	90° - 180°	0	0%	4	84	78	73	83	77	72	81	75	71	14.0	6.1	14.0	75°	316		
45°	296	0° - 180°	1,254	100%	5	77	71	66	76	70	65	75	69	65	Beam Angle: 53.1° Field Angle: 107.9°			85°	268		
55°	99				6	71	65	60	71	64	59	69	63	59							
65°	12				7	66	59	54	66	59	54	64	58	54							
75°	1				8	62	55	50	61	54	50	60	54	50							
85°	0				9	57	51	46	57	50	46	56	50	46							
90°	0				10	54	47	43	53	47	43	52	47	43							



Podz™ LED Downlight Series

6" Canless Round and Square LED Downlight
New Construction or Remodel

PHOTOMETRICS

Distribution Curve

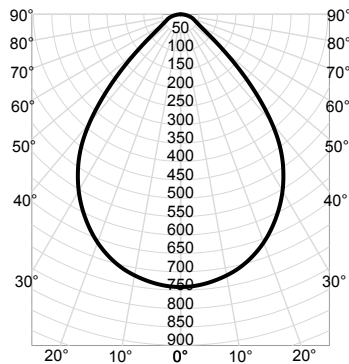
Distribution Data

Output Data

Coefficient of Utilization

Illuminance Data at 30" Above
Floor for a Single Luminaire

JPDZ6 SQDB 700LM 3000K 90CRI FRPC WWH Input Watts: 9.2, Delivered Lumens: 717, LPW: 77.9, S/MH: 1.12, Test No: 21-608-3P50



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
						pf					20%						Mounting Height	Initial FC Center Beam	Beam Diameter		
						pc					80%		70%		50%					Average Luminance	
0°		Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	742	0° - 30°	550	43%	0	119	119	119	117	117	117	111	111	111	6.0	20.6	10.3	0°	55,281		
5°	736	0° - 40°	853	67%	1	108	105	102	106	103	100	102	99	97	8.0	11.6	13.7	45°	27,725		
15°	697	0° - 60°	1,186	93%	2	97	92	88	96	91	87	92	88	85	10.0	7.4	17.1	55°	11,203		
25°	612	0° - 90°	1,271	100%	3	88	82	77	87	81	76	84	79	75	12.0	5.2	20.6	65°	7,902		
35°	483	90° - 180°	0	0%	4	80	73	68	79	72	67	77	71	66	14.0	3.8	24.0	75°	8,064		
45°	263	0° - 180°	1,271	100%	5	73	66	60	72	65	60	70	64	59				85°	7,013		
55°	86				6	67	60	54	66	59	54	65	58	54	Beam Angle: 81.2° Field Angle: 113.5°						
65°	45				7	62	54	49	61	54	49	60	53	49							
75°	28				8	57	50	45	56	49	44	55	49	44							
85°	8				9	53	46	41	52	45	41	51	45	41							
90°	0				10	49	42	38	49	42	37	48	42	37							

Podz™ LED Downlight Series

6" Canless Round and Square LED Downlight

PHOTOMETRICS

Distribution Curve

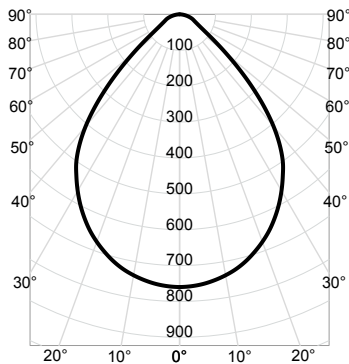
Distribution Data

Output Data

Coefficient of Utilization

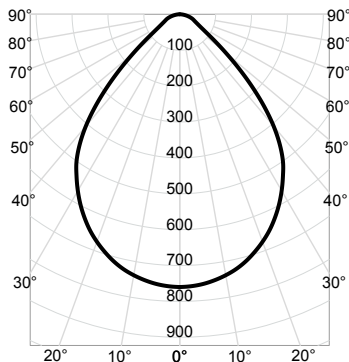
Illuminance Data at 30" Above Floor for a Single Luminaire

JPDZ6 SQDC 700LM 3000K 90CRI FRPC WWH Input Watts: 9.2, Delivered Lumens: 758, LPW: 82.4, S/MH: 1.12, Test No: 21-609-3P32



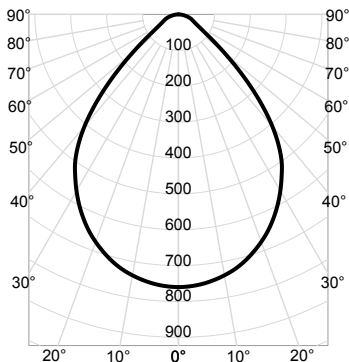
CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens	% Fixture	pf	80%					20%					Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
					pc	50%	30%	10%	50%	30%	10%	50%	30%	10%					
0°	760	0° - 30°	563	43%	0	119	119	119	117	117	117	111	111	111	6.0	21.1	10.5	0°	56,652
5°	754	0° - 40°	875	66%	1	108	105	102	106	103	100	102	99	97	8.0	11.9	14.0	45°	30,034
15°	712	0° - 60°	1,232	93%	2	97	92	88	96	91	87	92	88	85	10.0	7.6	17.5	55°	12,242
25°	627	0° - 90°	1,321	100%	3	88	82	76	87	81	76	84	79	74	12.0	5.3	21.0	65°	8,255
35°	502	90° - 180°	0	0%	4	80	73	67	79	72	67	76	71	66	14.0	3.9	24.5	75°	7,949
45°	285	0° - 180°	1,321	100%	5	73	66	60	72	65	60	70	64	59	Beam Angle: 82.3° Field Angle: 114.6°			85°	5,987
55°	94				6	67	59	54	66	59	54	64	58	53					
65°	47				7	62	54	49	61	54	48	59	53	48					
75°	28				8	57	49	44	56	49	44	55	48	44					
85°	7				9	53	45	40	52	45	40	51	45	40					
90°	0				10	49	42	37	48	42	37	48	41	37					

JPDZ6 SQDC 1000LM 3000K 90CRI FRPC WWH Input Watts: 13.7, Delivered Lumens: 1095, LPW: 79.9, S/MH: 1.12, Test No: 21-609-3P26



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
	0°	Zone	Lumens	% Fixture	pf	80%					20%					Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
					pc	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	760	0° - 30°	563	43%	0	119	119	119	117	117	117	111	111	111	6.0	21.1	10.5	0°	56,652	
5°	754	0° - 40°	875	66%	1	108	105	102	106	103	100	102	99	97	8.0	11.9	14.0	45°	30,034	
15°	712	0° - 60°	1,232	93%	2	97	92	88	96	91	87	92	88	85	10.0	7.6	17.5	55°	12,242	
25°	627	0° - 90°	1,321	100%	3	88	82	76	87	81	76	84	79	74	12.0	5.3	21.0	65°	8,255	
35°	502	90° - 180°	0	0%	4	80	73	67	79	72	67	76	71	66	14.0	3.9	24.5	75°	7,949	
45°	285	0° - 180°	1,321	100%	5	73	66	60	72	65	60	70	64	59	Beam Angle: 82.3° Field Angle: 114.6°				85°	5,987
55°	94				6	67	59	54	66	59	54	64	58	53						
65°	47				7	62	54	49	61	54	48	59	53	48						
75°	28				8	57	49	44	56	49	44	55	48	44						
85°	7				9	53	45	40	52	45	40	51	45	40						
90°	0				10	49	42	37	48	42	37	48	41	37						

JPDZ6 SQDC 1200LM 3000K 90CRI FRPC WWH Input Watts: 15.7, Delivered Lumens: 1230, LPW: 78.3, S/MH: 1.12, Test No: 21-609-3P20



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
	0°	Zone	Lumens	% Fixture	pf											Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
					pc	80%			70%			50%								
					pw	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	760	0° - 30°	563	43%	0	119	119	119	117	117	117	111	111	111	6.0	21.1	10.5	0°	56,652	
5°	754	0° - 40°	875	66%	1	108	105	102	106	103	100	102	99	97	8.0	11.9	14.0	45°	30,034	
15°	712	0° - 60°	1,232	93%	2	97	92	88	96	91	87	92	88	85	10.0	7.6	17.5	55°	12,242	
25°	627	0° - 90°	1,321	100%	3	88	82	76	87	81	76	84	79	74	12.0	5.3	21.0	65°	8,255	
35°	502	90° - 180°	0	0%	4	80	73	67	79	72	67	76	71	66	14.0	3.9	24.5	75°	7,949	
45°	285	0° - 180°	1,321	100%	5	73	66	60	72	65	60	70	64	59	Beam Angle: 82.3° Field Angle: 114.6°				85°	5,987
55°	94				6	67	59	54	66	59	54	64	58	53						
65°	47				7	62	54	49	61	54	48	59	53	48						
75°	28				8	57	49	44	56	49	44	55	48	44						
85°	7				9	53	45	40	52	45	40	51	45	40						
90°	0				10	49	42	37	48	42	37	48	41	37						

Podz™ LED Downlight Series

6" Canless Round and Square LED Downlight

PHOTOMETRICS

Distribution Curve

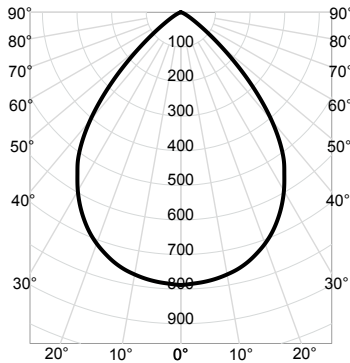
Distribution Data

Output Data

Coefficient of Utilization

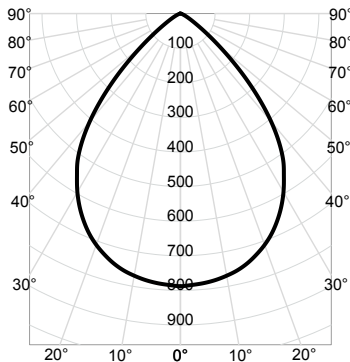
Illuminance Data at 30" Above Floor for a Single Luminaire

JPDZ6 SQDC 700LM 3000K 90CRI FRPC HZWH Input Watts: 9.2, Delivered Lumens: 733, LPW: 79.7, S/MH: 1.13, Test No: 21-625-3P32



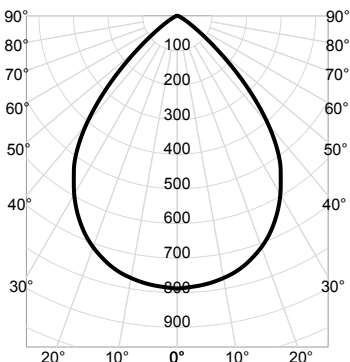
CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens	% Fixture	pf	80%					20%					Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
					pc	50%	30%	10%	50%	30%	10%	50%	30%	10%					
0°	788	0° - 30°	592	47%	0	119	119	119	117	117	117	111	111	111	6.0	21.9	10.3	0°	58,747
5°	782	0° - 40°	915	73%	1	109	106	104	107	104	102	103	101	99	8.0	12.3	13.7	45°	28,653
15°	747	0° - 60°	1,239	98%	2	100	95	91	98	93	90	95	91	88	10.0	7.9	17.1	55°	8,564
25°	661	0° - 90°	1,261	100%	3	91	85	80	89	84	79	87	82	78	12.0	5.5	20.5	65°	2,558
35°	518	90° - 180°	0	0%	4	83	76	71	82	76	71	80	74	70	14.0	4.0	23.9	75°	835
45°	272	0° - 180°	1,261	100%	5	76	69	64	75	68	64	73	67	63				85°	342
55°	66				6	70	63	58	69	62	57	67	61	57	Beam Angle: 81.0° Field Angle: 107.5°				
65°	15				7	65	57	52	64	57	52	62	56	52					
75°	3				8	60	53	48	59	52	48	58	52	47					
85°	0				9	55	48	44	55	48	44	54	48	43					
90°	0				10	52	45	40	51	45	40	50	44	40					

JPDZ6 SQDC 1000LM 3000K 90CRI FRPC HZWH Input Watts: 13.7, Delivered Lumens: 1059, LPW: 77.3, S/MH: 1.13, Test No: 21-625-3P26



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens	% Fixture	pf	80%			70%			50%			Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
					pc	50%	30%	10%	50%	30%	10%	50%	30%	10%					
0°	788	0° - 30°	592	47%	0	119	119	119	117	117	117	111	111	111	6.0	21.9	10.3	0°	58,747
5°	782	0° - 40°	915	73%	1	109	106	104	107	104	102	103	101	99	8.0	12.3	13.7	45°	28,653
15°	747	0° - 60°	1,239	98%	2	100	95	91	98	93	90	95	91	88	10.0	7.9	17.1	55°	8,564
25°	661	0° - 90°	1,261	100%	3	91	85	80	89	84	79	87	82	78	12.0	5.5	20.5	65°	2,558
35°	518	90° - 180°	0	0%	4	83	76	71	82	76	71	80	74	70	14.0	4.0	23.9	75°	835
45°	272	0° - 180°	1,261	100%	5	76	69	64	75	68	64	73	67	63	Beam Angle: 81.0° Field Angle: 107.5°			85°	342
55°	66				6	70	63	58	69	62	57	67	61	57					
65°	15				7	65	57	52	64	57	52	62	56	52					
75°	3				8	60	53	48	59	52	48	58	52	47					
85°	0				9	55	48	44	55	48	44	54	48	43					
90°	0				10	52	45	40	51	45	40	50	44	40					

JPDZ6 SQDC 1200LM 3000K 90CRI FRPC HZWH Input Watts: 15.7, Delivered Lumens: 1190, LPW: 75.8, S/MH: 1.13, Test No: 21-625-3P20



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)						
	0°	Zone	Lumens	% Fixture	pf											Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
					pc	80%					70%									50%				
					pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%					30%	10%			
0°	788	0° - 30°	592	47%	0	119	119	119	117	117	117	111	111	111	6.0	21.9	10.3	0°	58,747					
5°	782	0° - 40°	915	73%	1	109	106	104	107	104	102	103	101	99	8.0	12.3	13.7	45°	28,653					
15°	747	0° - 60°	1,239	98%	2	100	95	91	98	93	90	95	91	88	10.0	7.9	17.1	55°	8,564					
25°	661	0° - 90°	1,261	100%	3	91	85	80	89	84	79	87	82	78	12.0	5.5	20.5	65°	2,558					
35°	518	90° - 180°	0	0%	4	83	76	71	82	76	71	80	74	70	14.0	4.0	23.9	75°	835					
45°	272	0° - 180°	1,261	100%	5	76	69	64	75	68	64	73	67	63				85°	342					
55°	66				6	70	63	58	69	62	57	67	61	57	Beam Angle: 81.0° Field Angle: 107.5°									
65°	15				7	65	57	52	64	57	52	62	56	52										
75°	3				8	60	53	48	59	52	48	58	52	47										
85°	0				9	55	48	44	55	48	44	54	48	43										
90°	0				10	52	45	40	51	45	40	50	44	40										

6" ROUND LUMEN OUTPUT MULTIPLIERS

CCT	DB WWH	DB BWH	DC WWH	DC CWH	DC WHZW	DC HZW
2700K	1.01	0.82	1.04	1.04	0.97	1.01
3000K	1.00	0.81	1.03	1.03	0.96	1.00
3500K	1.00	0.82	1.03	1.03	0.96	1.00
4000K	1.00	0.82	1.03	1.03	0.96	1.00
5000K	0.98	0.80	1.01	1.01	0.94	0.98
Warm Dim	0.92	0.75	0.95	0.94	0.88	0.92

6" SQUARE LUMEN OUTPUT MULTIPLIERS

CCT	DB WWH	DB BWH	DC WWH	DC CWH	DC WHZW	DC HZW
2700K	1.04	0.79	1.06	1.09	0.99	1.02
3000K	1	0.79	1.06	1.09	0.99	1.02
3500K	1.08	0.79	1.06	1.09	0.99	1.02
4000K	1.08	0.79	1.06	1.09	0.99	1.02
5000K	0.99	0.79	1.06	1.09	0.99	1.02
Warm Dim	0.89	0.79	1.06	1.09	0.99	1.02