LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — The 6" Wafer™ LED Square Downlight with Switchable White provides high-quality light output and efficiency featuring a switch for easy color temperature adjustment - while eliminating the need for recessed housings. The innovative, slim design allows for easy retrofit, remodel or new construction installation from below the ceiling. The Wafer LED downlight is wet location listed – making it ideal for use in a breadth of outdoor residential, hospitality, commercial and multifamily applications.

CONSTRUCTION — Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. FT4 plenum rated cable connector to connect from module to remote driver box. IC rated driver with convenience and value of two remote selectable color temperature options, each with a setting choice to chose either 2700K, 3000K, and 3500K or 3000K, 4000K, and 5000K using the switch. The isolated driver integrated inside steel remote box with four 7/8" knockouts with slots for pryout. Suitable for pulling wires with the 12 cubic-inch wiring compartment to accommodate up to (6) 14 gauge insulated conductor or (4) 12 gauge insulated conductors, making the Wafer LED Downlights much easier to wire in 2in/2out (plus ground) daisy-chain applications and contractor friendly.

INSTALLATION — Ideal for shallow ceiling plenum; no housing required. Steel spring clip for easy installation. 6" cut out template is provided to ensure a correct sized hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 6 1/4 inches for this product. Suitable for installation in t-grid and drop ceiling applications. 2" plenum space required for installation of the remote driver box.

OPTICS — Edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space.

ELECTRICAL — Connect directly to 120V Class-2 (CAN ICES-005 (B) / NMB-005 (B)) LED driver. High efficient driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to +104°F (+40°C). Dimming down to 10% with most standard incandescent dimers (see list of approved dimmers). Replaces 65W incandescent for 810 lumens.

LISTINGS — CSA certified to US and Canadian safety standards. ENERGY STAR® certified product. Wet location. Air Tight certified in accordance with ASTM E283-2004. NOM Certified. Can be used to comply with California Title 24 Part 6 High Efficacy LED light Source Requirements.

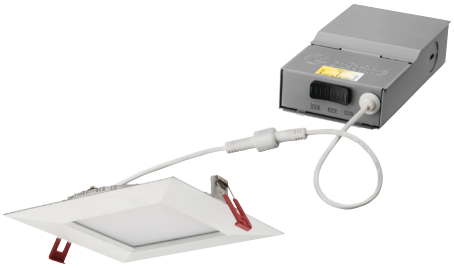
WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

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.

Wafer LED Recessed Downlight

WF6 Square
6" LED Switchable White Color Temperature

IC/Non-IC
New Construction/Remodel



Matte black

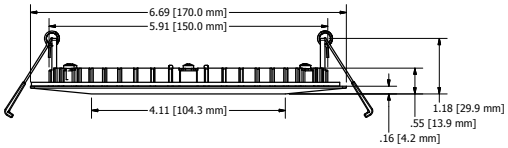
Brushed nickel

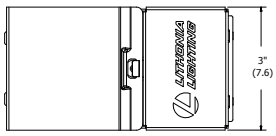
Oil-rubbed bronze

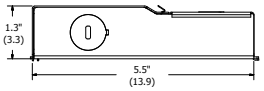
Specifications

Aperture:	4.9 (12.4)
Ceiling opening:	6 (15.2)
Overlap trim:	6.7 (17)
Height:	1.1 (2.8)

All dimensions are inches (centimeters) unless otherwise indicated.







ORDERING INFORMATION For shortest lead times, configure product using **standard options (shown in bold).**

Example: WF6 SQ B LED 30K40K50K 90CRI MW

WF8									
Series		**Trim Style**		**Lamp**		**Lamp**		**CCT/W/Lumens**	
WF6	6" wafer-thin LED downlight	**SQ**	Square	**B**	Baffle	**LED**	LED	**27K30K35K**	2700K/12.7W/800L 3000K/12.4W/870L 3500K/12.9W/840L
				S	Smooth			**30K40K50K**	3000K/12.6W/810L 4000K/12.3W/890L 5000K/12.8W/860L

CRI		**Finish**	
90CRI	90CRI	**MW**	Matte White
		MB	Matte Black
		BN	Brush Nickel
		ORB	Oil-Rubbed Bronze

Notes
1 Total system delivered lumens.

Accessories: *Order as separate catalog number.*

WF8643 Pan R6	Universal new construction pan, retail pack of 6
WF8643 Pan U	Universal new construction pan, unit pack
WFJB U	Remodel joist bar
WFEXC6 SW3PIN FT4	3-Pin 6ft Cable
WFEXC10 SW3PIN FT4	3-Pin 10ft Cable
WFEXC20 SW3PIN FT4	3-Pin 20ft Cable

WF8643 Universal New Construction Pan

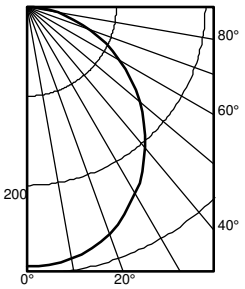
Remodel Joist Bar

WFEXC6 Cable

PHOTOMETRICS

Distribution Curve | **Distribution Data** | **Output Data** | **Coefficient of Utilization** | **Illuminance Data at 30" Above Floor for a Single Luminaire**

WF6 SQ S LED 27K30K35K _ 2700K LED's, input watts 13, delivered lumens: 808, LM/W=62, Test No. ISF 36826P31



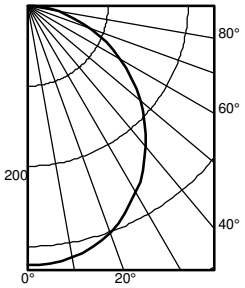
	Ave	Lumens
0	291	
5	291	28
15	280	79
25	257	118
35	225	140
45	185	143
55	142	127
65	98	97
75	55	58
85	16	18
90	0	

Zone	Lumens	% Lamp
0° - 30°	224.9	27.8
0° - 40°	365.4	45.2
0° - 60°	635.2	78.7
0° - 90°	807.6	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	807.6	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	9.6	6.8	4.8	15.3	1.0
10.0	5.2	9.3	2.6	20.8	0.5
12.0	3.2	11.7	1.6	26.4	0.3
14.0	2.2	14.2	1.1	31.9	0.2
16.0	1.6	16.7	0.8	37.5	0.2

WF6 SQ S LED 27K30K35K _ 3000K LED's, input watts: 12, delivered lumens: 898, LM/W=75, test no. ISF 36826P32



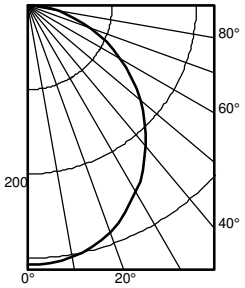
	Ave	Lumens
0	324	
5	323	31
15	311	88
25	286	132
35	250	156
45	206	159
55	158	141
65	109	107
75	61	65
85	17	20
90	0	

Zone	Lumens	% Lamp
0° - 30°	250.0	27.8
0° - 40°	406.1	45.2
0° - 60°	706.1	78.7
0° - 90°	897.7	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	897.7	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	10.7	6.8	5.3	15.3	1.1
10.0	5.8	9.3	2.9	20.8	0.6
12.0	3.6	11.7	1.8	26.4	0.4
14.0	2.4	14.2	1.2	31.9	0.2
16.0	1.8	16.7	0.9	37.5	0.2

WF6 SQ S LED 27K30K35K _ 3500K LED's, input watts: 13, delivered lumens: 854, LM/W=66, test no. ISF 36826P33



	Ave	Lumens
0	308	
5	308	29
15	296	83
25	272	125
35	238	149
45	196	151
55	151	134
65	103	102
75	58	61
85	17	19
90	0	

Zone	Lumens	% Lamp
0° - 30°	237.8	27.8
0° - 40°	386.4	45.2
0° - 60°	671.7	78.7
0° - 90°	854.0	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	854.0	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	10.2	6.8	5.1	15.3	1.0
10.0	5.5	9.3	2.7	20.8	0.5
12.0	3.4	11.7	1.7	26.4	0.3
14.0	2.3	14.2	1.2	31.9	0.2
16.0	1.7	16.7	0.8	37.5	0.2

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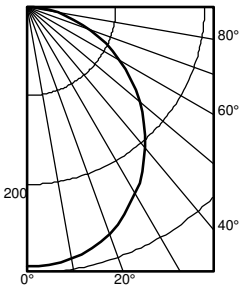
PHOTOMETRICS

Distribution Curve | **Distribution Data** | **Output Data** | **Coefficient of Utilization** | **Illuminance Data at 30" Above Floor for a Single Luminaire**

WF6 SQ S LED 30K40K50K _ 3000K LED's, input watts 13, delivered lumens: 811, LM/W=62, Test No. ISF 36826P34



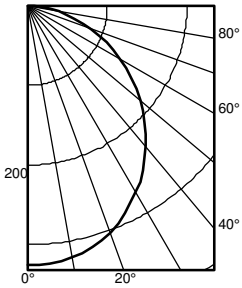
	Ave	Lumens
0	293	
5	292	28
15	281	79
25	258	119
35	226	141
45	186	143
55	143	128
65	98	97
75	55	58
85	16	18
90	0	

Zone	Lumens	% Lamp
0° - 30°	226.0	27.8
0° - 40°	367.2	45.2
0° - 60°	638.4	78.7
0° - 90°	811.6	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	811.6	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	9.7	6.8	4.8	15.3	1.0
10.0	5.2	9.3	2.6	20.8	0.5
12.0	3.2	11.7	1.6	26.4	0.3
14.0	2.2	14.2	1.1	31.9	0.2
16.0	1.6	16.7	0.8	37.5	0.2

WF6 SQ S LED 30K40K50K _ 4000K LED's, input watts: 12, delivered lumens: 904, LM/W=75, test no. ISF 36826P35



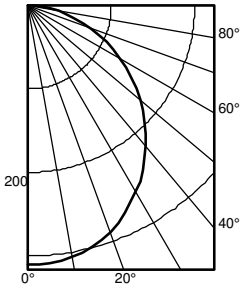
	Ave	Lumens
0	326	
5	326	31
15	313	88
25	288	132
35	252	157
45	207	160
55	159	142
65	109	108
75	61	65
85	18	20
90	0	

Zone	Lumens	% Lamp
0° - 30°	251.8	27.8
0° - 40°	409.0	45.2
0° - 60°	711.1	78.7
0° - 90°	904.0	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	904.0	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	10.8	6.8	5.4	15.3	1.1
10.0	5.8	9.3	2.9	20.8	0.6
12.0	3.6	11.7	1.8	26.4	0.4
14.0	2.5	14.2	1.2	31.9	0.2
16.0	1.8	16.7	0.9	37.5	0.2

WF6 SQ S LED 30K40K50K _ 5000K LED's, input watts: 13, delivered lumens: 862, LM/W=66, test no. ISF 36826P36



	Ave	Lumens
0	311	
5	310	29
15	299	84
25	274	126
35	240	150
45	198	152
55	152	136
65	104	103
75	59	62
85	17	19
90	0	

Zone	Lumens	% Lamp
0° - 30°	239.9	27.8
0° - 40°	389.8	45.2
0° - 60°	677.6	78.7
0° - 90°	861.5	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	861.5	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	10.3	6.8	5.1	15.3	1.0
10.0	5.5	9.3	2.8	20.8	0.6
12.0	3.4	11.7	1.7	26.4	0.3
14.0	2.3	14.2	1.2	31.9	0.2
16.0	1.7	16.7	0.9	37.5	0.2

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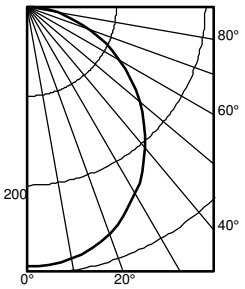
PHOTOMETRICS

Distribution Curve | **Distribution Data** | **Output Data** | **Coefficient of Utilization** | **Illuminance Data at 30" Above Floor for a Single Luminaire**

WF6 SQ B LED 27K30K35K _ 2700K LED's, input watts 13, delivered lumens: 807, LM/W=62, Test No. ISF 36826P37



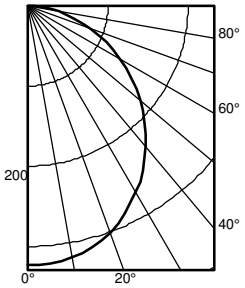
	Ave	Lumens
0	291	
5	291	28
15	280	79
25	257	118
35	225	140
45	185	143
55	142	127
65	98	97
75	55	58
85	16	18
90	0	

Zone	Lumens	% Lamp
0° - 30°	224.9	27.8
0° - 40°	365.4	45.2
0° - 60°	635.2	78.7
0° - 90°	807.6	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	807.6	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	9.6	6.8	4.8	15.3	1.0
10.0	5.2	9.3	2.6	20.8	0.5
12.0	3.2	11.7	1.6	26.4	0.3
14.0	2.2	14.2	1.1	31.9	0.2
16.0	1.6	16.7	0.8	37.5	0.2

WF6 SQ B LED 27K30K35K _ 3000K LED's, input watts: 12, delivered lumens: 898, LM/W=75, test no. ISF 36826P38



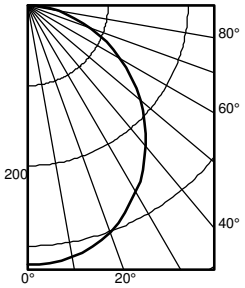
	Ave	Lumens
0	324	
5	323	31
15	311	88
25	286	132
35	250	156
45	206	159
55	158	141
65	109	107
75	61	65
85	17	20
90	0	

Zone	Lumens	% Lamp
0° - 30°	250.0	27.8
0° - 40°	406.1	45.2
0° - 60°	706.1	78.7
0° - 90°	897.7	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	897.7	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	10.7	6.8	5.3	15.3	1.1
10.0	5.8	9.3	2.9	20.8	0.6
12.0	3.6	11.7	1.8	26.4	0.4
14.0	2.4	14.2	1.2	31.9	0.2
16.0	1.8	16.7	0.9	37.5	0.2

WF6 SQ B LED 27K30K35K _ 3500K LED's, input watts: 13, delivered lumens: 854, LM/W=66, test no. ISF 36826P39



	Ave	Lumens
0	324	
5	323	31
15	311	88
25	286	132
35	250	156
45	206	159
55	158	141
65	109	107
75	61	65
85	17	20
90	0	

Zone	Lumens	% Lamp
0° - 30°	250.0	27.8
0° - 40°	406.1	45.2
0° - 60°	706.1	78.7
0° - 90°	897.7	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	897.7	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	10.7	6.8	5.3	15.3	1.1
10.0	5.8	9.3	2.9	20.8	0.6
12.0	3.6	11.7	1.8	26.4	0.4
14.0	2.4	14.2	1.2	31.9	0.2
16.0	1.8	16.7	0.9	37.5	0.2

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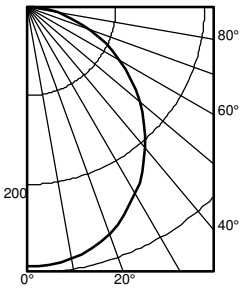
PHOTOMETRICS

Distribution Curve | **Distribution Data** | **Output Data** | **Coefficient of Utilization** | **Illuminance Data at 30" Above Floor for a Single Luminaire**

WF6 SQ B LED 30K40K50K _ 3000K LED's, input watts 13, delivered lumens: 811, LM/W=62, Test No. ISF 36826P40



	Ave	Lumens
0	293	
5	292	28
15	281	79
25	258	119
35	226	141
45	186	143
55	143	128
65	98	97
75	55	58
85	16	18
90	0	

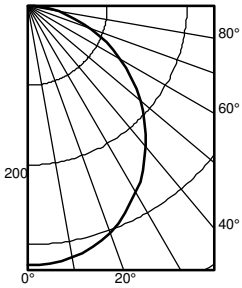
Zone	Lumens	% Lamp
0° - 30°	226.0	27.8
0° - 40°	367.2	45.2
0° - 60°	638.4	78.7
0° - 90°	811.6	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	811.6	*100.0

*Efficiency

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	9.7	6.8	4.8	15.3	1.0
10.0	5.2	9.3	2.6	20.8	0.5
12.0	3.2	11.7	1.6	26.4	0.3
14.0	2.2	14.2	1.1	31.9	0.2
16.0	1.6	16.7	0.8	37.5	0.2

WF6 SQ B LED 30K40K50K _ 4000K LED's, input watts: 12, delivered lumens: 904, LM/W=75, test no. ISF 36826P41



	Ave	Lumens
0	326	
5	326	31
15	313	88
25	288	132
35	252	157
45	207	160
55	159	142
65	109	108
75	61	65
85	18	20
90	0	

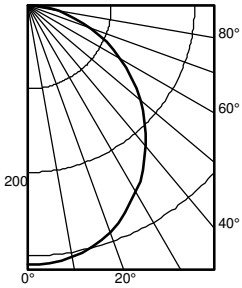
Zone	Lumens	% Lamp
0° - 30°	251.8	27.8
0° - 40°	409.0	45.2
0° - 60°	711.1	78.7
0° - 90°	904.0	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	904.0	*100.0

*Efficiency

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	10.8	6.8	5.4	15.3	1.1
10.0	5.8	9.3	2.9	20.8	0.6
12.0	3.6	11.7	1.8	26.4	0.4
14.0	2.5	14.2	1.2	31.9	0.2
16.0	1.8	16.7	0.9	37.5	0.2

WF6 SQ B LED 30K40K50K _ 5000K LED's, input watts: 13, delivered lumens: 862, LM/W=66, test no. ISF 36826P42



	Ave	Lumens
0	311	
5	310	29
15	299	84
25	274	126
35	240	150
45	198	152
55	152	136
65	104	103
75	59	62
85	17	19
90	0	

Zone	Lumens	% Lamp
0° - 30°	239.9	27.8
0° - 40°	389.8	45.2
0° - 60°	677.6	78.7
0° - 90°	861.5	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	861.5	*100.0

*Efficiency

pf / pc / pw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	50% 50% 50%	50% 50% 30%	50% 50% 10%
0	119	119	119	116	116	116	111	111	111
1	104	99	96	101	98	94	97	94	91
2	90	84	78	88	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	10.3	6.8	5.1	15.3	1.0
10.0	5.5	9.3	2.8	20.8	0.6
12.0	3.4	11.7	1.7	26.4	0.3
14.0	2.3	14.2	1.2	31.9	0.2
16.0	1.7	16.7	0.9	37.5	0.2

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ENERGY DATA

WF6 SQ S (OR B) LED 27K30K35K			
Color Temperature	2700K	3000K	3500K
Lumens	800	870	840
CRI	90	90	90
Rated wattage	12.7	12.4	12.9
Lu/Watts	63.0	70.2	65.1
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.11A	0.11A	0.11A

WF6 SQ S (OR B) LED 30K40K50K			
Color Temperature	3000K	4000K	5000K
Lumens	810	890	860
CRI	90	90	90
Rated wattage	12.6	12.3	12.8
Lu/Watts	64.3	72.4	67.2
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.11A	0.11A	0.11A

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LIGHTING PERFORMANCE DATA - BAFFLE AND SMOOTH SQUARE TRIM

LIGHTING PERFORMANCE DATA
DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT) Aspect de la lumière (CCT)
2700K soft white | blanc doux
800 lumens | 64 lumens per watt
3000K warm white | blanc chaud
870 lumens | 70 lumens per watt
3500K neutral white | blanc neutre
840 lumens | 67 lumens per watt

Watts	12.5
Color Accuracy (CRI) Précision des couleurs (CRI)	90

LIGHTING PERFORMANCE DATA
DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT) Aspect de la lumière (CCT)
3000K warm white | blanc chaud
810 lumens | 65 lumens per watt
4000K cool white | blanc froid
890 lumens | 71 lumens per watt
5000K daylight | blanc neutre
860 lumens | 69 lumens per watt

Watts	12.5
Color Accuracy (CRI) Précision des couleurs (CRI)	90

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