LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — The 8" Wafer™ LED 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. FT6 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. 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 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. 8" cut out template is provided to ensure the correct size hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 8 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 power supply via provided UL recognized 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 100W incandescent.

LISTINGS — CSA certified to US and Canadian safety standards. Wet location listed. Air Tight certified in accordance with ASTM E283-2004. 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/customer-support/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

WF8
8" LED Switchable White Color Temperature

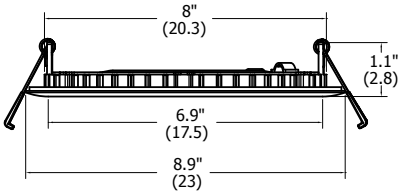
IC/Non-IC
New Construction/Remodel

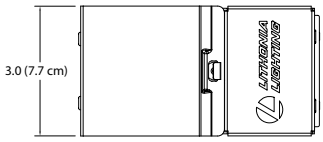
Matte black

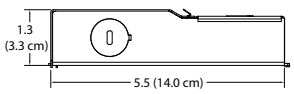
Specifications

Aperture:	6.9"
Ceiling opening:	8"
Over lamp trim:	8.9"
Height :	1.1"

All dimensions are inches (centimeters) unless otherwise indicated.







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

Example: WF8 LED 30K40K50KT 90CRI MW

WF8				
Series	**Lamp**	**CCT/W/Lumens**	**CRI**	**Finish**
WF8 8" wafer-thin LED downlight	**LED** LED	**27K30K35K** 2700K/20W/1630L 3000K/20W/1800L 3500K/20W/1740L	**90CRI** 90CRI	**MW** Matte white **MB** Matte black
		30K40K50K 3000K/20W/1690L 4000K/20W/1850L 5000K/20W/1820L		

Accessories: *Order as separate catalog number.*

WF8643 Pan U	Universal new construction pan
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

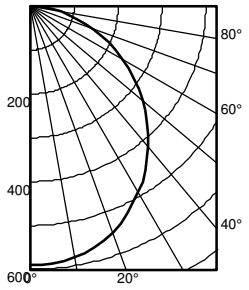
WFEXC6 Cable

WF8 Switchable White 8" LED Wafer Module

PHOTOMETRICS

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

WF8 LED 27K30K35K _ 2700K LED's, input watts: 21, delivered lumens: 1638, LM/W=78, test no. ISF 36826P43



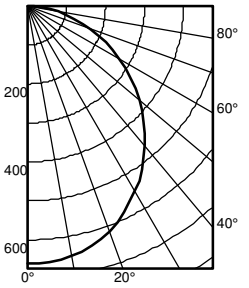
	Ave	Lumens
0	590	
5	590	56
15	568	160
25	521	240
35	457	285
45	376	290
55	289	258
65	198	196
75	111	118
85	32	36
90	0	

Zone	Lumens	% Lamp
0° - 30°	456.2	27.8
0° - 40°	741.1	45.2
0° - 60°	1288.4	78.7
0° - 90°	1638.0	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°	1638.0	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	70% 50%	70% 30%	70% 10%	50% 50%	50% 30%	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	19.5	6.8	9.8	15.3	1.9
10.0	10.5	9.3	5.2	20.8	1.0
12.0	6.5	11.7	3.3	26.4	0.7
14.0	4.5	14.2	2.2	31.9	0.4
16.0	3.2	16.7	1.6	37.5	0.3

WF8 LED 27K30K35K _ 3000K LED's, input watts: 19, delivered lumens: 1834, LM/W=96,test no. 36826P44



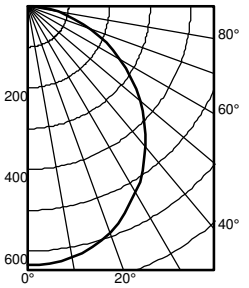
	Ave	Lumens
0	661	
5	661	63
15	636	179
25	584	269
35	511	319
45	420	324
55	324	289
65	222	219
75	125	132
85	36	40
90	0	

Zone	Lumens	% Lamp
0° - 30°	510.8	27.8
0° - 40°	829.7	45.2
0° - 60°	1442.6	78.7
0° - 90°	1834.0	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°	1834.0	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	70% 50%	70% 30%	70% 10%	50% 50%	50% 30%	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	21.9	6.8	10.9	15.3	2.2
10.0	11.8	9.3	5.9	20.8	1.2
12.0	7.3	11.7	3.7	26.4	0.7
14.0	5.0	14.2	2.5	31.9	0.5
16.0	3.6	16.7	1.8	37.5	0.4

WF8 LED 27K30K35K _ 3500K LED's, input watts 21, delivered lumens: 1761, LM/W=83, test no. 36826P45



	Ave	Lumens
0	635	
5	634	60
15	610	172
25	560	258
35	491	306
45	404	311
55	311	277
65	213	211
75	120	127
85	34	39
90	0	

Zone	Lumens	% Lamp
0° - 30°	490.4	27.8
0° - 40°	796.7	45.2
0° - 60°	1385.1	78.7
0° - 90°	1761.0	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°	1761.0	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	70% 50%	70% 30%	70% 10%	50% 50%	50% 30%	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

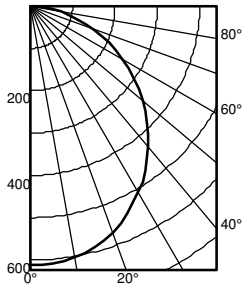
Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	21.0	6.8	10.5	15.3	2.1
10.0	11.3	9.3	5.6	20.8	1.1
12.0	7.0	11.7	3.5	26.4	0.7
14.0	4.8	14.2	2.4	31.9	0.5
16.0	3.5	16.7	1.7	37.5	0.3

WF8 Switchable White 8" LED Wafer Module

PHOTOMETRICS

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

WF8 LED 30K40K50K_3000K LED's, input watts: 20, delivered lumens: 1698, LM/W=85, test no. ISF 36826P46



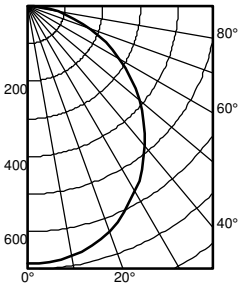
	Ave	Lumens
0	612	
5	612	58
15	589	166
25	540	249
35	473	295
45	389	300
55	300	267
65	206	203
75	115	122
85	33	37
90	0	

Zone	Lumens	% Lamp
0° - 30°	472.9	27.8
0° - 40°	768.2	45.2
0° - 60°	1335.6	78.7
0° - 90°	1698.0	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°	1698.0	*100.0
*Efficiency		

pf / pc / pw	80%			70%			50%		
	50%	30%	10%	50%	30%	10%	50%	30%	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	20.2	6.8	10.1	15.3	2.0
10.0	10.9	9.3	5.4	20.8	1.1
12.0	6.8	11.7	3.4	26.4	0.7
14.0	4.6	14.2	2.3	31.9	0.5
16.0	3.4	16.7	1.7	37.5	0.3

WF8 LED 30K40K50K _4000K LED's, input watts: 19.64, delivered lumens: 1900, LM/W=97, test no. ISF 36826P47



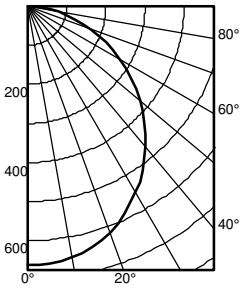
	Ave	Lumens
0	685	
5	684	65
15	659	186
25	605	278
35	530	330
45	436	336
55	335	299
65	230	227
75	129	137
85	37	42
90	0	

Zone	Lumens	% Lamp
0° - 30°	529.2	27.8
0° - 40°	859.6	45.2
0° - 60°	1494.5	78.7
0° - 90°	1900.0	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°	1900.0	*100.0
*Efficiency		

pf / pc / pw	80%			70%			50%		
	50%	30%	10%	50%	30%	10%	50%	30%	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	22.6	6.8	11.3	15.3	2.3
10.0	12.2	9.3	6.1	20.8	1.2
12.0	7.6	11.7	3.8	26.4	0.8
14.0	5.2	14.2	2.6	31.9	0.5
16.0	3.8	16.7	1.9	37.5	0.4

WF8 LED 30K40K50K _5000K LED's, input watts 21, delivered lumens: 1839, LM/W=88, test no. ISF 36826P48



	Ave	Lumens
0	663	
5	662	63
15	637	180
25	585	269
35	513	320
45	422	325
55	324	289
65	223	220
75	125	132
85	36	40
90	0	

Zone	Lumens	% Lamp
0° - 30°	512.2	27.8
0° - 40°	832.0	45.2
0° - 60°	1446.5	78.7
0° - 90°	1839.0	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°	1839.0	*100.0
*Efficiency		

pf / pc / pw	80%			70%			50%		
	50%	30%	10%	50%	30%	10%	50%	30%	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	21.9	6.8	11.0	15.3	2.2
10.0	11.8	9.3	5.9	20.8	1.2
12.0	7.3	11.7	3.7	26.4	0.7
14.0	5.0	14.2	2.5	31.9	0.5
16.0	3.6	16.7	1.8	37.5	0.4

DOWNLIGHTING: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com TechSupport-Lighting@Acuitybrands.com

WF8 Switchable White 8" LED Wafer Module

WF8 LED 27K30K35K			
Color Temperature	2700K	3000K	3500K
Lumens	1630	1800	1740
CRI	90	90	90
Rated wattage	20.7	19.8	20.8
Lu/Watts	78.7	90.9	83.7
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	0.17A	0.17A	0.17A

WF8 LED 30K40K50K			
Color Temperature	3000K	4000K	5000K
Lumens	1690	1850	1820
CRI	90	90	90
Rated wattage	20.4	19.6	20.6
Lu/Watts	82.8	94.4	88.3
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	0.17A	0.17A	0.17A

LIGHTING PERFORMANCE DATA

LIGHTING PERFORMANCE DATA
DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT) Aspect de la lumière (CCT)	
2700K soft white | blanc doux	
1630 lumens | 82 lumens per watt	
3000K warm white | blanc chaud	
1800 lumens | 90 lumens per watt	
3500K neutral white | blanc neutre	
1740 lumens | 87 lumens per watt	
Watts	20
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	
1690 lumens | 85 lumens per watt	
4000K cool white | blanc froid	
1850 lumens | 93 lumens per watt	
5000K daylight | lumière du jour	
1820 lumens | 91 lumens per watt	
Watts	20
Color Accuracy (CRI) Précision des couleurs (CRI)	90

DOWNLIGHTING: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com TechSupport-Lighting@Acuitybrands.com

LITHONIA LIGHTING®

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FEATURES & SPECIFICATIONS

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CONSTRUCTION — Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. FT6 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. 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 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. 8" cut out template is provided to ensure the correct size hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 8 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 power supply via provided UL recognized 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 100W incandescent.

LISTINGS — CSA certified to US and Canadian safety standards. Wet location listed. Air Tight certified in accordance with ASTM E283-2004. 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/customer-support/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

WF8
8" LED Switchable White Color Temperature

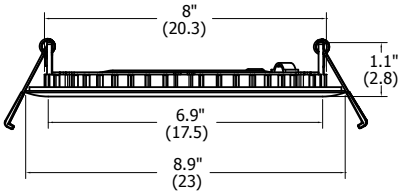
IC/Non-IC
New Construction/Remodel

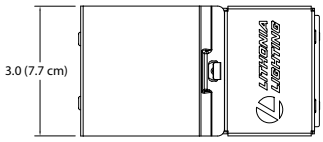
Matte black

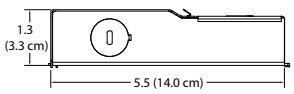
Specifications

Aperture:	6.9"
Ceiling opening:	8"
Over lamp trim:	8.9"
Height :	1.1"

All dimensions are inches (centimeters) unless otherwise indicated.







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

Example: WF8 LED 30K40K50KT 90CRI MW

WF8				
Series	**Lamp**	**CCT/W/Lumens**	**CRI**	**Finish**
WF8 8" wafer-thin LED downlight	**LED** LED	**27K30K35K** 2700K/20W/1630L 3000K/20W/1800L 3500K/20W/1740L	**90CRI** 90CRI	**MW** Matte white **MB** Matte black
		30K40K50K 3000K/20W/1690L 4000K/20W/1850L 5000K/20W/1820L		

Accessories: *Order as separate catalog number.*

WF8643 Pan U	Universal new construction pan
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

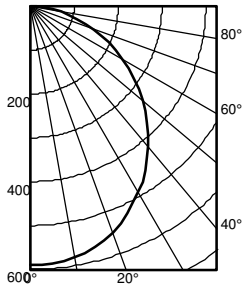
WFEXC6 Cable

WF8 Switchable White 8" LED Wafer Module

PHOTOMETRICS

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

WF8 LED 27K30K35K _ 2700K LED's, input watts: 21, delivered lumens: 1638, LM/W=78, test no. ISF 36826P43



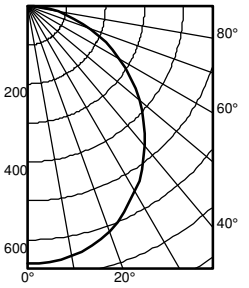
	Ave	Lumens
0	590	
5	590	56
15	568	160
25	521	240
35	457	285
45	376	290
55	289	258
65	198	196
75	111	118
85	32	36
90	0	

Zone	Lumens	% Lamp
0° - 30°	456.2	27.8
0° - 40°	741.1	45.2
0° - 60°	1288.4	78.7
0° - 90°	1638.0	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°	1638.0	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	70% 50%	70% 30%	70% 10%	50% 50%	50% 30%	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	19.5	6.8	9.8	15.3	1.9
10.0	10.5	9.3	5.2	20.8	1.0
12.0	6.5	11.7	3.3	26.4	0.7
14.0	4.5	14.2	2.2	31.9	0.4
16.0	3.2	16.7	1.6	37.5	0.3

WF8 LED 27K30K35K _ 3000K LED's, input watts: 19, delivered lumens: 1834, LM/W=96,test no. 36826P44



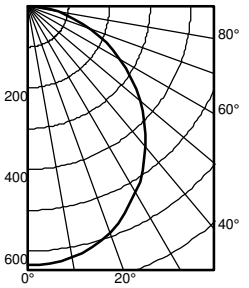
	Ave	Lumens
0	661	
5	661	63
15	636	179
25	584	269
35	511	319
45	420	324
55	324	289
65	222	219
75	125	132
85	36	40
90	0	

Zone	Lumens	% Lamp
0° - 30°	510.8	27.8
0° - 40°	829.7	45.2
0° - 60°	1442.6	78.7
0° - 90°	1834.0	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°	1834.0	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	70% 50%	70% 30%	70% 10%	50% 50%	50% 30%	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	21.9	6.8	10.9	15.3	2.2
10.0	11.8	9.3	5.9	20.8	1.2
12.0	7.3	11.7	3.7	26.4	0.7
14.0	5.0	14.2	2.5	31.9	0.5
16.0	3.6	16.7	1.8	37.5	0.4

WF8 LED 27K30K35K _ 3500K LED's, input watts 21, delivered lumens: 1761, LM/W=83, test no. 36826P45



	Ave	Lumens
0	635	
5	634	60
15	610	172
25	560	258
35	491	306
45	404	311
55	311	277
65	213	211
75	120	127
85	34	39
90	0	

Zone	Lumens	% Lamp
0° - 30°	490.4	27.8
0° - 40°	796.7	45.2
0° - 60°	1385.1	78.7
0° - 90°	1761.0	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°	1761.0	*100.0
*Efficiency		

pf / pc / pw	80% 50%	80% 30%	80% 10%	70% 50%	70% 30%	70% 10%	50% 50%	50% 30%	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

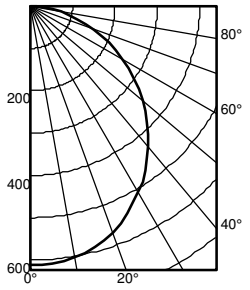
Mounting Height	Inital FC Center Beam	50% beam - 63.5° Diameter	50% beam - 63.5° FC	10% beam - 108.5° Diameter	10% beam - 108.5° FC
8.0	21.0	6.8	10.5	15.3	2.1
10.0	11.3	9.3	5.6	20.8	1.1
12.0	7.0	11.7	3.5	26.4	0.7
14.0	4.8	14.2	2.4	31.9	0.5
16.0	3.5	16.7	1.7	37.5	0.3

WF8 Switchable White 8" LED Wafer Module

PHOTOMETRICS

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

WF8 LED 30K40K50K_3000K LED's, input watts: 20, delivered lumens: 1698, LM/W=85, test no. ISF 36826P46



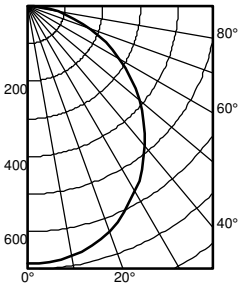
	Ave	Lumens
0	612	
5	612	58
15	589	166
25	540	249
35	473	295
45	389	300
55	300	267
65	206	203
75	115	122
85	33	37
90	0	

Zone	Lumens	% Lamp
0° - 30°	472.9	27.8
0° - 40°	768.2	45.2
0° - 60°	1335.6	78.7
0° - 90°	1698.0	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°	1698.0	*100.0
*Efficiency		

pf / pc / pw	80%			70%			50%		
	50%	30%	10%	50%	30%	10%	50%	30%	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	20.2	6.8	10.1	15.3	2.0
10.0	10.9	9.3	5.4	20.8	1.1
12.0	6.8	11.7	3.4	26.4	0.7
14.0	4.6	14.2	2.3	31.9	0.5
16.0	3.4	16.7	1.7	37.5	0.3

WF8 LED 30K40K50K _4000K LED's, input watts: 19.64, delivered lumens: 1900, LM/W=97, test no. ISF 36826P47



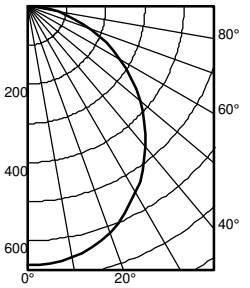
	Ave	Lumens
0	685	
5	684	65
15	659	186
25	605	278
35	530	330
45	436	336
55	335	299
65	230	227
75	129	137
85	37	42
90	0	

Zone	Lumens	% Lamp
0° - 30°	529.2	27.8
0° - 40°	859.6	45.2
0° - 60°	1494.5	78.7
0° - 90°	1900.0	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°	1900.0	*100.0
*Efficiency		

pf / pc / pw	80%			70%			50%		
	50%	30%	10%	50%	30%	10%	50%	30%	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	22.6	6.8	11.3	15.3	2.3
10.0	12.2	9.3	6.1	20.8	1.2
12.0	7.6	11.7	3.8	26.4	0.8
14.0	5.2	14.2	2.6	31.9	0.5
16.0	3.8	16.7	1.9	37.5	0.4

WF8 LED 30K40K50K _5000K LED's, input watts 21, delivered lumens: 1839, LM/W=88, test no. ISF 36826P48



	Ave	Lumens
0	663	
5	662	63
15	637	180
25	585	269
35	513	320
45	422	325
55	324	289
65	223	220
75	125	132
85	36	40
90	0	

Zone	Lumens	% Lamp
0° - 30°	512.2	27.8
0° - 40°	832.0	45.2
0° - 60°	1446.5	78.7
0° - 90°	1839.0	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°	1839.0	*100.0
*Efficiency		

pf / pc / pw	80%			70%			50%		
	50%	30%	10%	50%	30%	10%	50%	30%	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	21.9	6.8	11.0	15.3	2.2
10.0	11.8	9.3	5.9	20.8	1.2
12.0	7.3	11.7	3.7	26.4	0.7
14.0	5.0	14.2	2.5	31.9	0.5
16.0	3.6	16.7	1.8	37.5	0.4

DOWNLIGHTING: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com TechSupport-Lighting@Acuitybrands.com

WF8 Switchable White 8" LED Wafer Module

WF8 LED 27K30K35K			
Color Temperature	2700K	3000K	3500K
Lumens	1630	1800	1740
CRI	90	90	90
Rated wattage	20.7	19.8	20.8
Lu/Watts	78.7	90.9	83.7
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	0.17A	0.17A	0.17A

WF8 LED 30K40K50K			
Color Temperature	3000K	4000K	5000K
Lumens	1690	1850	1820
CRI	90	90	90
Rated wattage	20.4	19.6	20.6
Lu/Watts	82.8	94.4	88.3
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	0.17A	0.17A	0.17A

LIGHTING PERFORMANCE DATA

LIGHTING PERFORMANCE DATA
DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT) Aspect de la lumière (CCT)	
2700K soft white | blanc doux	
1630 lumens | 82 lumens per watt	
3000K warm white | blanc chaud	
1800 lumens | 90 lumens per watt	
3500K neutral white | blanc neutre	
1740 lumens | 87 lumens per watt	
Watts	20
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	
1690 lumens | 85 lumens per watt	
4000K cool white | blanc froid	
1850 lumens | 93 lumens per watt	
5000K daylight | lumière du jour	
1820 lumens | 91 lumens per watt	
Watts	20
Color Accuracy (CRI) Précision des couleurs (CRI)	90

DOWNLIGHTING: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com TechSupport-Lighting@Acuitybrands.com