LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — The 4" Wafer-Thin LED recessed downlight with remote driver box combines high quality light output and efficiency while eliminating the pot light housing for competitive affordability. This innovative wafer-slim Type IC design allows easy installation for new construction or remodel from below the ceiling without the requirement of a pot light housing. The LED module maintains at least 70% light output for 36,000 hours. These LED Wafer downlights are intended for closets, attics, hallways, bathrooms, kitchens, basements, soffits, entry ways, porches, garages, stairwells, corridors, nursing/retirement homes, condos, elevators, apartments, and any other small areas.

CONSTRUCTION — IC rated driver and fixture - approved for direct contact with insulation. Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. Round fixture with integral edge-lit LED's. Plenum rated cable connector to connect from module to remote driver box. 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 (8) 14 gauge insulated conductors, or (6) 12 gauge insulated conductors; making the Wafer LED Downlights much easier to wire in 2in/2out (plus ground) daisy-chain applications and contractor friendly.

PATENT PENDING.

INSTALLATION — Ideal for shallow ceiling plenum; no housing required. Steel spring clip for easy installation. 4" 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 4 1/4 inches for this product. Suitable for installation in t-grid and drop ceiling applications. 3" plenum space required for installation of the remote driver box.

OPTICS — Wafer-Thin downlight edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space. Utilizes 2700K, 3000K, 3500K, 4000K, and 5000K color temperature LEDs.

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% (See page 2 for recommended dimmers). Standard input wattage is 9.6W, 70 lumens per watt. Replaces 50W incandescent.

LISTINGS — CSA certified to US and Canadian safety standards. ENERGY STAR® certified. Wet location. Air Tight certified in accordance with ASTM E283-2004. NOM Certified.

WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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

WF4
4" LED Module

IC/Non-IC
New Construction/Remodel

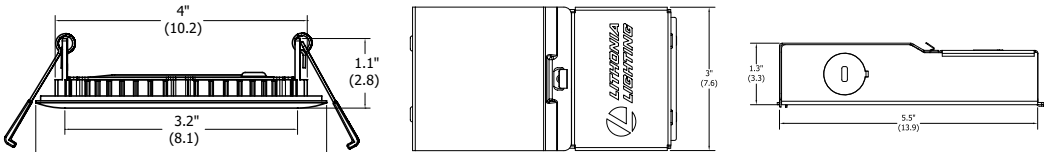




Matte black | Brushed nickel | Oil-rubbed bronze

Specifications

Aperture:	3.2 (8.1)
Ceiling opening:	4.2 (10.7)
Overlap trim:	4.7 (12.0)
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:** WF4 LED 30K MW

WF4	LED		
Series	**Lamp**	**CCT/CRI/W/Lumens[1]**	**Finish**
WF4 4" wafer-thin LED downlight	**LED** LED	**27K** 2700K/80CRI/10.6W/660L **30K** 3000K/80CRI/9.6W/675L **35K** 3500K/80CRI/10.2W/740L **40K** 4000K/80CRI/10W/765L **50K** 5000K/80CRI/10.4W/780L	**MW** Matte white **MB** Matte black **BN** Brushed nickel **ORB** Oil-rubbed bronze

Accessories: *Order as separate catalog number.*

WF4 PAN R12	4" new construction pan, retail pack of 12
WFJB U	Remodel joist bar
WFEXC6 U	6' FT4 cable
WFEXC10 U	10' FT4 cable
WFEXC20 U	20' FT4 cable


WF4_Pan


Remodel Joist Bar


Extension Cable

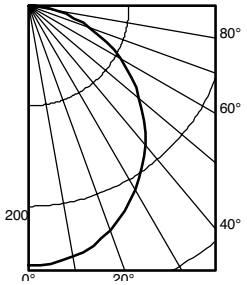
Notes
1 Total system delivered lumens.

WF4 4" LED Wafer Module

PHOTOMETRICS

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

WF4 LED 27K, 2700 K LEDs, input watts: 10.5, delivered lumens: 708, LM/W=67.4, test no. ISF 30027P2



	Ave	Lumens
0	259	
5	258	24
15	248	70
25	226	104
35	197	123
45	163	126
55	125	112
65	86	85
75	48	50
85	13	15
90	1	

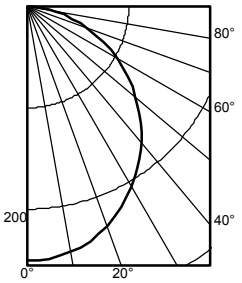
Zone	Lumens	% Lamp
0°- 30°	198.1	27.9
0°- 40°	321.0	45.3
0°- 60°	558.3	78.8
0°- 90°	708.6	100.0
90°- 120°	0.1	0.0
90°- 130°	0.1	0.0
90°- 150°	0.1	0.0
90°- 180°	0.1	0.0
0°- 180°	708.7	*100.0

*Efficiency

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	97	94	91
2	90	84	78	89	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	55	67	59	54
5	63	54	47	62	53	47	60	52	47
6	57	48	41	56	47	41	54	46	41
7	51	43	37	51	42	36	49	42	36
8	47	38	33	46	38	33	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

		50% beam - 62.6°		10% beam - 108.2°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	8.6	6.7	4.3	15.2	0.9
10.0	4.6	9.1	2.3	20.7	0.5
12.0	2.9	11.6	1.4	26.2	0.3
14.0	2.0	14.0	1.0	31.8	0.2
16.0	1.4	16.4	0.7	37.3	0.1

WF4 LED 30K, 3000 K LEDs, input watts: 9.6, delivered lumens: 675, LM/W=70.3, test no. ISF 30027



	Ave	Lumens
0	251	
5	250	24
15	240	68
25	218	101
35	190	119
45	158	122
55	121	108
65	83	82
75	46	49
85	12	14
90	1	

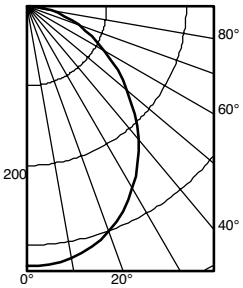
Zone	Lumens	% Lamp
0° - 30°	191.7	27.9
0° - 40°	310.8	45.3
0° - 60°	540.5	78.8
0° - 90°	686.0	100.0
90° - 120°	0.1	0.0
90° - 130°	0.1	0.0
90° - 150°	0.1	0.0
90° - 180°	0.1	0.0
0° - 180°	686.1	*100.0

*Efficiency

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	97	94	91
2	90	84	78	89	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	55	67	59	54
5	63	54	47	62	53	47	60	52	47
6	57	48	41	56	47	41	54	46	41
7	51	43	37	51	42	36	49	42	36
8	47	38	33	46	38	33	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

		50% beam - 62.6°		10% beam - 108.2°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	8.3	6.7	4.2	15.2	0.8
10.0	4.5	9.1	2.2	20.7	0.4
12.0	2.8	11.6	1.4	26.2	0.3
14.0	1.9	14.0	0.9	31.8	0.2
16.0	1.4	16.4	0.7	37.3	0.1

WF4 LED 35K, 3500 K LEDs, input watts: 10.1, delivered lumens: 829, LM/W=82, test no. ISF 35164



	Ave	Lumens
0	326	
5	326	31
15	312	88
25	284	131
35	242	151
45	191	147
55	139	124
65	91	90
75	49	52
85	14	16
90	0	

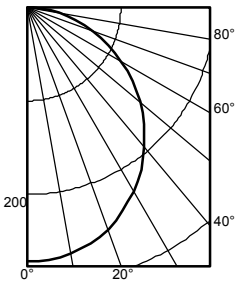
Zone	Lumens	% Lamp
0°- 30°	249.5	30.1
0°- 40°	400.6	48.3
0°- 60°	672.0	81.0
0°- 90°	829.8	100.0
90°- 120°	0.0	0.0
90°- 130°	0.0	0.0
90°- 150°	0.0	0.0
90°- 180°	0.0	0.0
0°- 180°	829.8	*100.0

*Efficiency

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	95	98	95	92
2	91	85	79	90	83	78	86	81	76
3	81	73	66	79	72	66	76	70	65
4	72	63	57	70	62	56	68	61	55
5	64	56	49	63	55	49	61	54	48
6	58	49	43	57	49	43	55	48	43
7	53	44	38	52	44	38	51	43	38
8	48	40	34	48	40	34	46	39	34
9	44	36	31	44	36	31	43	36	31
10	41	33	28	41	33	28	40	33	28

		50% beam - 62.2°		10% beam - 106.0°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	10.8	6.6	5.4	14.6	1.1
10.0	5.8	9.1	2.9	19.9	0.6
12.0	3.6	11.5	1.8	25.2	0.4
14.0	2.5	13.9	1.2	30.5	0.2
16.0	1.8	16.3	0.9	35.8	0.2

WF4 LED 40K, 4000 K LEDs, input watts: 10, delivered lumens: 765, LM/W=76.5, test no. ISF 30377



	Ave	Lumens
0	272	
5	271	26
15	261	74
25	240	111
35	212	132
45	177	136
55	138	123
65	96	94
75	54	57
85	16	17
90	0	

Zone	Lumens	% Lamp
0° - 30°	210.1	27.3
0° - 40°	342.5	44.5
0° - 60°	601.1	78.1
0° - 90°	770.1	100.0
90° - 180°	0.0	0.0
0° - 180°	770.1	*100.0

*Efficiency

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	99	95	101	97	94	97	94	91
2	90	83	77	88	82	76	85	79	75
3	79	71	64	77	70	64	74	68	62
4	70	61	54	69	60	54	66	59	53
5	63	53	47	61	53	46	59	52	46
6	56	47	41	55	47	41	54	46	40
7	51	42	36	50	42	36	49	41	36
8	47	38	32	46	38	32	45	37	32
9	43	34	29	42	34	29	41	34	29
10	39	32	26	39	31	26	38	31	26

		50% beam - 63.7°		10% beam - 109.1°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	9.0	6.8	4.5	15.5	0.9
10.0	4.8	9.3	2.4	21.1	0.5
12.0	3.0	11.8	1.5	26.7	0.3
14.0	2.1	14.3	1.0	32.3	0.2
16.0	1.5	16.8	0.7	37.9	0.1

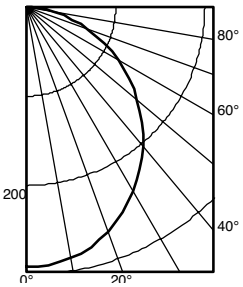
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WF4 4" LED Wafer Module

PHOTOMETRICS

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

WF4 LED 50K, 5000 K LEDs, input watts: 10.4, delivered lumens: 796, LM/W=77, test no. ISF 30027P3



	Ave	Lumens
0	291	
5	290	28
15	278	78
25	254	117
35	221	138
45	183	141
55	141	126
65	97	96
75	53	57
85	14	17
90	1	

Zone	Lumens	% Lamp
0° - 30°	222.7	27.9
0° - 40°	360.9	45.3
0° - 60°	627.6	78.8
0° - 90°	796.6	100.0
90° - 120°	0.2	0.0
90° - 130°	0.2	0.0
90° - 150°	0.2	0.0
90° - 180°	0.2	0.0
0° - 180°	796.8	*100.0

*Efficiency

pf		20%								
pc		80%			70%			50%		
pw		50%	30%	10%	50%	30%	10%	50%	30%	10%
0		119	119	119	116	116	116	111	111	111
1		104	100	96	102	98	94	97	94	91
2		90	84	78	89	82	77	85	80	75
3		79	71	65	78	70	64	75	68	63
4		70	62	55	69	61	55	67	59	54
5		63	54	47	62	53	47	60	52	47
6		57	48	41	56	47	41	54	46	41
7		51	43	37	51	42	36	49	42	36
8		47	38	33	46	38	33	45	38	32
9		43	35	29	43	35	29	41	34	29
10		40	32	27	39	32	27	38	31	26

		50% beam - 62.6°		10% beam - 108.2°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	9.6	6.7	4.8	15.2	1.0
10.0	5.2	9.1	2.6	20.7	0.5
12.0	3.2	11.6	1.6	26.2	0.3
14.0	2.2	14.0	1.1	31.8	0.2
16.0	1.6	16.4	0.8	37.3	0.2

ENERGY DATA & DIMMER COMPATIBILITY

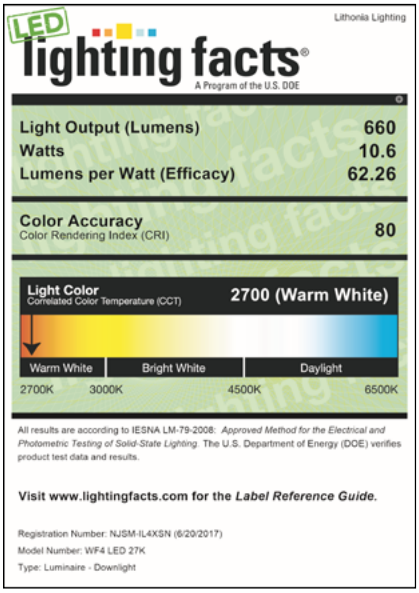
4" ENERGY DATA	2700K	3000K	3500K	4000K	5000K
Lumens	660	675	740	765	780
Color temperature	2700K	3000K	3500K	4000K	5000K
CRI	80	80	80	80	80
Lumens/Watt	62.2	70.3	72.5	76.5	75
Min. starting temperature	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	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	Class A standards	Class A standards
Input voltage	120V	120V	120V	120V	120V
Total Harmonic Distortion	15.3%	15.3%	15.3%	15.3%	15.3%
Min. power factor	0.99	0.97	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Rated wattage	10.6W	9.6W	10.2W	10W	10.4W
Input power	10.6W	9.6W	10.2W	10W	10.4W
Input current	0.09A	0.08A	0.09A	0.08A	0.09A

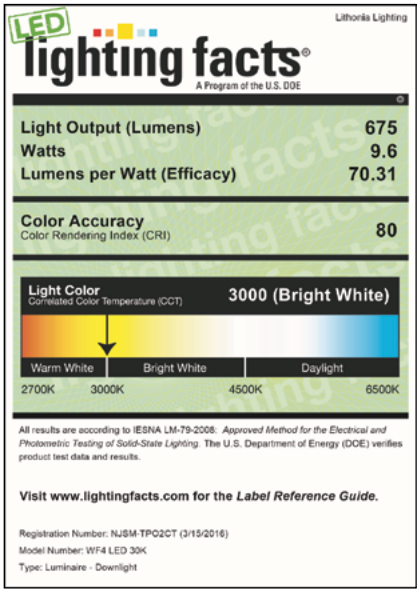
COMPATIBLE DIMMERS					
Leviton	**Lutron**			**Sensorswitch**	**Synergy/Leviton**
6633-PA	Maestro MACL-153M (TX)	Diva/Skylark DVRP-253PCTRP-253P	Panel Module HW/LP-RPM-4A-120	nSP5 PCD 2W	ISD 600 I 120/IPI06
IPL06-LED/INC mode	Maestro Wireless MRF2-6ELV	Skylark CTCL-150	Panel Module HW/LP-RPM-4U-120	nSP5 PCD ELV 120	ISD 400 ELV 120/IPE04
6615-P	Gen 3.0 DVCL-153P (T9)	Caseta Wireless PD-5NE	Grafik QS/Wallbox LQRJ-WPM-6P		
	Maestro MSCL-OP153M	Maestro MACL-LFQ	Grafik Eye 3000 Family HWI-WPM-6D-120		
	Caseta Wireless PD-6WCL	RadioRA2 RRD-6NA	HomeWorksQS / my Room LQSE-4A1-D/ MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D,120V		
	Grafik T GT-5NEM / GTJ-5NEM	HomeWorks HQRD-6NA	Homeworks QS LQSE-4A-120-D		

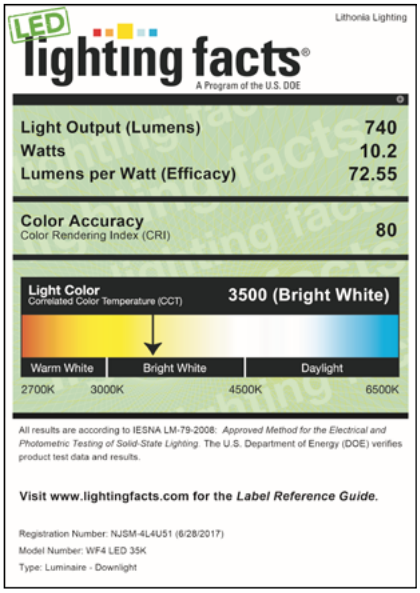
*Requires Lutron Smart Bridge L-BDG2-WH for wireless applications (sold separately)

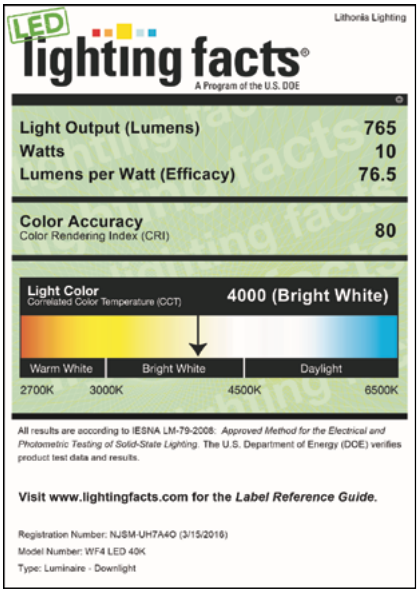
DOWNLIGHTING: One Lithonia Way, Conyers, GA 30012 Phone: 800-315-4935 Fax: 770-860-3129 www.lithonia.com © 2016-2018 Acuity Brands Lighting, Inc. All rights reserved. Rev. 11/01/18

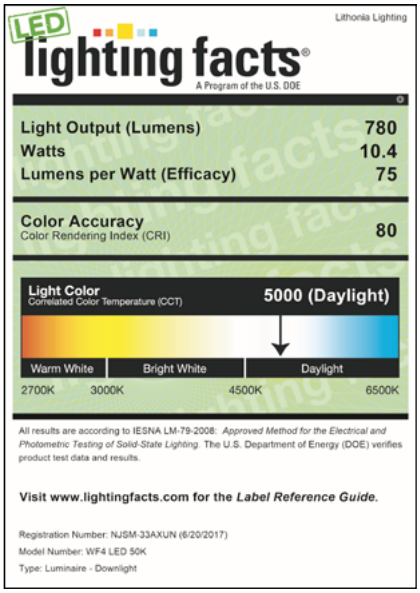
LIGHTING FACTS











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LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

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Wafer LED Recessed Downlight

WF4
4" LED Module

IC/Non-IC
New Construction/Remodel

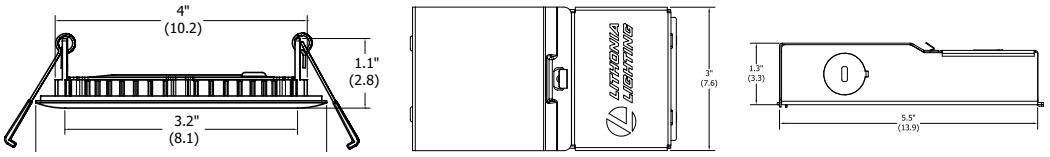




Matte black | Brushed nickel | Oil-rubbed bronze

Specifications

Aperture:	3.2 (8.1)
Ceiling opening:	4.2 (10.7)
Overlap trim:	4.7 (12.0)
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:** WF4 LED 30K MW

WF4	LED		
Series	**Lamp**	**CCT/CRI/W/Lumens[1]**	**Finish**
WF4 4" wafer-thin LED downlight	**LED** LED	**27K** 2700K/80CRI/10.6W/660L **30K** 3000K/80CRI/9.6W/675L **35K** 3500K/80CRI/10.2W/740L **40K** 4000K/80CRI/10W/765L **50K** 5000K/80CRI/10.4W/780L	**MW** Matte white **MB** Matte black **BN** Brushed nickel **ORB** Oil-rubbed bronze

Accessories: *Order as separate catalog number.*

WF4 PAN R12	4" new construction pan, retail pack of 12
WFJB U	Remodel joist bar
WFEXC6 U	6' FT4 cable
WFEXC10 U	10' FT4 cable
WFEXC20 U	20' FT4 cable


WF4_Pan


Remodel Joist Bar


Extension Cable

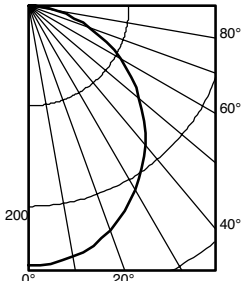
Notes
1 Total system delivered lumens.

WF4 4" LED Wafer Module

PHOTOMETRICS

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

WF4 LED 27K, 2700 K LEDs, input watts: 10.5, delivered lumens: 708, LM/W=67.4, test no. ISF 30027P2



	Ave	Lumens
0	259	
5	258	24
15	248	70
25	226	104
35	197	123
45	163	126
55	125	112
65	86	85
75	48	50
85	13	15
90	1	

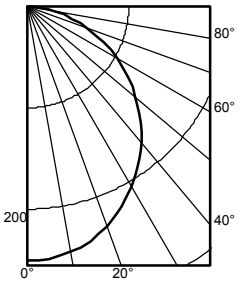
Zone	Lumens	% Lamp
0°- 30°	198.1	27.9
0°- 40°	321.0	45.3
0°- 60°	558.3	78.8
0°- 90°	708.6	100.0
90°- 120°	0.1	0.0
90°- 130°	0.1	0.0
90°- 150°	0.1	0.0
90°- 180°	0.1	0.0
0°- 180°	708.7	*100.0

*Efficiency

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	97	94	91
2	90	84	78	89	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	55	67	59	54
5	63	54	47	62	53	47	60	52	47
6	57	48	41	56	47	41	54	46	41
7	51	43	37	51	42	36	49	42	36
8	47	38	33	46	38	33	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

		50% beam - 62.6°		10% beam - 108.2°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	8.6	6.7	4.3	15.2	0.9
10.0	4.6	9.1	2.3	20.7	0.5
12.0	2.9	11.6	1.4	26.2	0.3
14.0	2.0	14.0	1.0	31.8	0.2
16.0	1.4	16.4	0.7	37.3	0.1

WF4 LED 30K, 3000 K LEDs, input watts: 9.6, delivered lumens: 675, LM/W=70.3, test no. ISF 30027



	Ave	Lumens
0	251	
5	250	24
15	240	68
25	218	101
35	190	119
45	158	122
55	121	108
65	83	82
75	46	49
85	12	14
90	1	

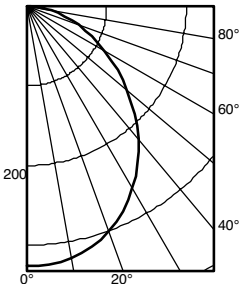
Zone	Lumens	% Lamp
0° - 30°	191.7	27.9
0° - 40°	310.8	45.3
0° - 60°	540.5	78.8
0° - 90°	686.0	100.0
90° - 120°	0.1	0.0
90° - 130°	0.1	0.0
90° - 150°	0.1	0.0
90° - 180°	0.1	0.0
0° - 180°	686.1	*100.0

*Efficiency

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	97	94	91
2	90	84	78	89	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	55	67	59	54
5	63	54	47	62	53	47	60	52	47
6	57	48	41	56	47	41	54	46	41
7	51	43	37	51	42	36	49	42	36
8	47	38	33	46	38	33	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

		50% beam - 62.6°		10% beam - 108.2°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	8.3	6.7	4.2	15.2	0.8
10.0	4.5	9.1	2.2	20.7	0.4
12.0	2.8	11.6	1.4	26.2	0.3
14.0	1.9	14.0	0.9	31.8	0.2
16.0	1.4	16.4	0.7	37.3	0.1

WF4 LED 35K, 3500 K LEDs, input watts: 10.1, delivered lumens: 829, LM/W=82, test no. ISF 35164



	Ave	Lumens
0	326	
5	326	31
15	312	88
25	284	131
35	242	151
45	191	147
55	139	124
65	91	90
75	49	52
85	14	16
90	0	

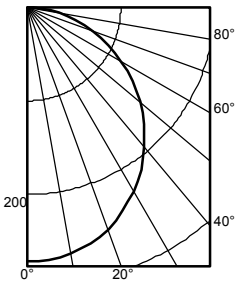
Zone	Lumens	% Lamp
0°- 30°	249.5	30.1
0°- 40°	400.6	48.3
0°- 60°	672.0	81.0
0°- 90°	829.8	100.0
90°- 120°	0.0	0.0
90°- 130°	0.0	0.0
90°- 150°	0.0	0.0
90°- 180°	0.0	0.0
0°- 180°	829.8	*100.0

*Efficiency

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	95	98	95	92
2	91	85	79	90	83	78	86	81	76
3	81	73	66	79	72	66	76	70	65
4	72	63	57	70	62	56	68	61	55
5	64	56	49	63	55	49	61	54	48
6	58	49	43	57	49	43	55	48	43
7	53	44	38	52	44	38	51	43	38
8	48	40	34	48	40	34	46	39	34
9	44	36	31	44	36	31	43	36	31
10	41	33	28	41	33	28	40	33	28

		50% beam - 62.2°		10% beam - 106.0°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	10.8	6.6	5.4	14.6	1.1
10.0	5.8	9.1	2.9	19.9	0.6
12.0	3.6	11.5	1.8	25.2	0.4
14.0	2.5	13.9	1.2	30.5	0.2
16.0	1.8	16.3	0.9	35.8	0.2

WF4 LED 40K, 4000 K LEDs, input watts: 10, delivered lumens: 765, LM/W=76.5, test no. ISF 30377



	Ave	Lumens
0	272	
5	271	26
15	261	74
25	240	111
35	212	132
45	177	136
55	138	123
65	96	94
75	54	57
85	16	17
90	0	

Zone	Lumens	% Lamp
0° - 30°	210.1	27.3
0° - 40°	342.5	44.5
0° - 60°	601.1	78.1
0° - 90°	770.1	100.0
90° - 180°	0.0	0.0
0° - 180°	770.1	*100.0

*Efficiency

pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	99	95	101	97	94	97	94	91
2	90	83	77	88	82	76	85	79	75
3	79	71	64	77	70	64	74	68	62
4	70	61	54	69	60	54	66	59	53
5	63	53	47	61	53	46	59	52	46
6	56	47	41	55	47	41	54	46	40
7	51	42	36	50	42	36	49	41	36
8	47	38	32	46	38	32	45	37	32
9	43	34	29	42	34	29	41	34	29
10	39	32	26	39	31	26	38	31	26

		50% beam - 63.7°		10% beam - 109.1°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	9.0	6.8	4.5	15.5	0.9
10.0	4.8	9.3	2.4	21.1	0.5
12.0	3.0	11.8	1.5	26.7	0.3
14.0	2.1	14.3	1.0	32.3	0.2
16.0	1.5	16.8	0.7	37.9	0.1

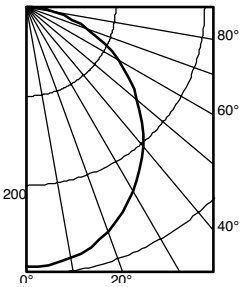
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WF4 4" LED Wafer Module

PHOTOMETRICS

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

WF4 LED 50K, 5000 K LEDs, input watts: 10.4, delivered lumens: 796, LM/W=77, test no. ISF 30027P3



	Ave	Lumens
0	291	
5	290	28
15	278	78
25	254	117
35	221	138
45	183	141
55	141	126
65	97	96
75	53	57
85	14	17
90	1	

Zone	Lumens	% Lamp
0° - 30°	222.7	27.9
0° - 40°	360.9	45.3
0° - 60°	627.6	78.8
0° - 90°	796.6	100.0
90° - 120°	0.2	0.0
90° - 130°	0.2	0.0
90° - 150°	0.2	0.0
90° - 180°	0.2	0.0
0° - 180°	796.8	*100.0

*Efficiency

pf		20%								
pc		80%			70%			50%		
pw		50%	30%	10%	50%	30%	10%	50%	30%	10%
0		119	119	119	116	116	116	111	111	111
1		104	100	96	102	98	94	97	94	91
2		90	84	78	89	82	77	85	80	75
3		79	71	65	78	70	64	75	68	63
4		70	62	55	69	61	55	67	59	54
5		63	54	47	62	53	47	60	52	47
6		57	48	41	56	47	41	54	46	41
7		51	43	37	51	42	36	49	42	36
8		47	38	33	46	38	33	45	38	32
9		43	35	29	43	35	29	41	34	29
10		40	32	27	39	32	27	38	31	26

		50% beam - 62.6°		10% beam - 108.2°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	9.6	6.7	4.8	15.2	1.0
10.0	5.2	9.1	2.6	20.7	0.5
12.0	3.2	11.6	1.6	26.2	0.3
14.0	2.2	14.0	1.1	31.8	0.2
16.0	1.6	16.4	0.8	37.3	0.2

ENERGY DATA & DIMMER COMPATIBILITY

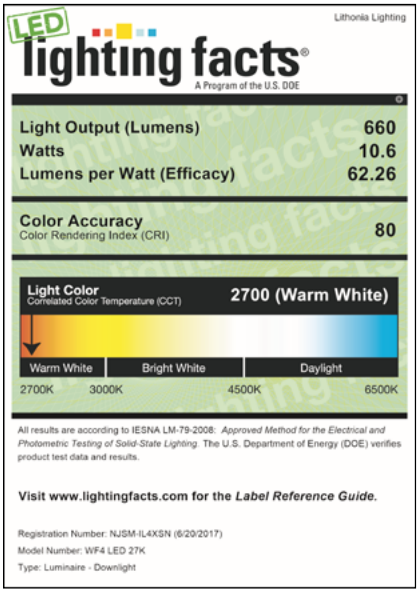
4" ENERGY DATA	2700K	3000K	3500K	4000K	5000K
Lumens	660	675	740	765	780
Color temperature	2700K	3000K	3500K	4000K	5000K
CRI	80	80	80	80	80
Lumens/Watt	62.2	70.3	72.5	76.5	75
Min. starting temperature	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	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	Class A standards	Class A standards
Input voltage	120V	120V	120V	120V	120V
Total Harmonic Distortion	15.3%	15.3%	15.3%	15.3%	15.3%
Min. power factor	0.99	0.97	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Rated wattage	10.6W	9.6W	10.2W	10W	10.4W
Input power	10.6W	9.6W	10.2W	10W	10.4W
Input current	0.09A	0.08A	0.09A	0.08A	0.09A

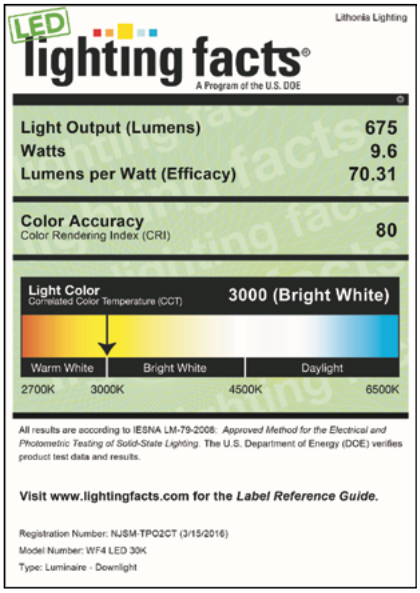
COMPATIBLE DIMMERS					
Leviton	**Lutron**			**Sensorswitch**	**Synergy/Leviton**
6633-PA	Maestro MACL-153M (TX)	Diva/Skylark DVRP-253PCTRP-253P	Panel Module HW/LP-RPM-4A-120	nSP5 PCD 2W	ISD 600 I 120/IPI06
IPL06-LED/INC mode	Maestro Wireless MRF2-6ELV	Skylark CTCL-150	Panel Module HW/LP-RPM-4U-120	nSP5 PCD ELV 120	ISD 400 ELV 120/IPE04
6615-P	Gen 3.0 DVCL-153P (T9)	Caseta Wireless PD-5NE	Grafik QS/Wallbox LQRJ-WPM-6P		
	Maestro MSCL-OP153M	Maestro MACL-LFQ	Grafik Eye 3000 Family HWI-WPM-6D-120		
	Caseta Wireless PD-6WCL	RadioRA2 RRD-6NA	HomeWorksQS / my Room LQSE-4A1-D/ MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D,120V		
	Grafik T GT-5NEM / GTJ-5NEM	HomeWorks HQRD-6NA	Homeworks QS LQSE-4A-120-D		

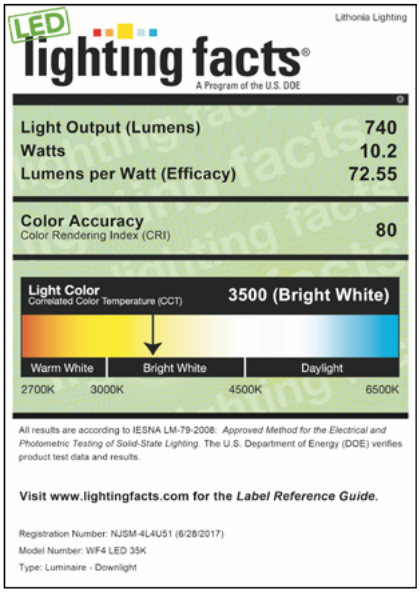
*Requires Lutron Smart Bridge L-BDG2-WH for wireless applications (sold separately)

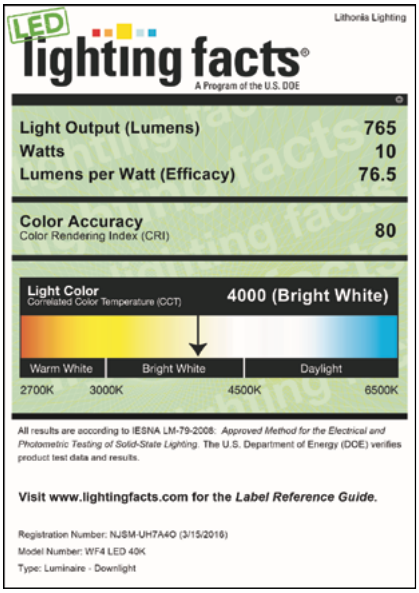
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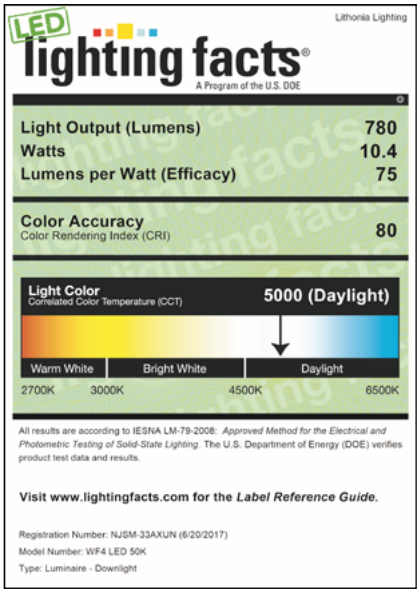
LIGHTING FACTS











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