LITHONIA LIGHTING®

Wafer LED Recessed Downlight

WF4
4" LED Module

IC/Non-IC
New Construction/Remodel

WET LOCATION™   DIMMABLE LED   ENERGY STAR

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 (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.

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 — Polycarbonate lens provides even illumination throughout the space. Utilizes 4000K 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.
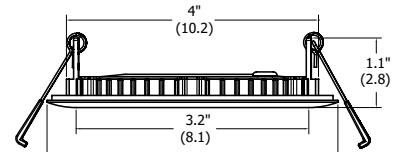
Brushed nickel

Specifications

Aperture:	3.2 (8.1)
Ceiling opening:	4.2 (10.7)
Overlap trim:	4.7 (12.0)
Height:	1.1 (2.8)

4" (10.2)   1.1" (2.8)   3.2" (8.1)

3" (7.6)   1.3" (3.3)   5.5" (13.9)
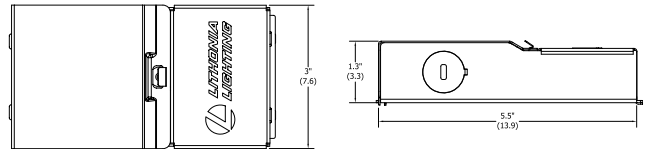
All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION   For shortest lead times, configure product using **standard options (shown in bold).**   **Example:** WF4 LED 30K BN

WF4	LED		
Series	**Lamp**	**CCT/CRI/W/Lumens¹**	**Finish**
WF4 4" wafer-thin LED downlight	**LED** LED	**40K** 4000K/80CRI/10W/765L	**BN** Brushed nickel

Notes
1 Total system delivered lumens.

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
WF4GR MW JZ	4" round oversized trim ring

WF4_Pan

Remodel Joist Bar

Extension Cable (2 pin)

PHOTOMETRICS

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

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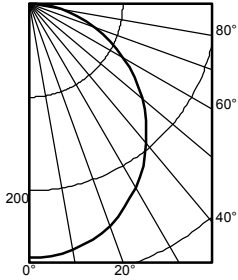
pf	20%								
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	99	95	101	97	94	97	94	91
2	90	83	77	88	82	76	85	79	75
3	79	71	64	77	70	64	74	68	62
4	70	61	54	69	60	54	66	59	53
5	63	53	47	61	53	46	59	52	46
6	56	47	41	55	47	41	54	46	40
7	51	42	36	50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

Mounting Height	Inital FC Center Beam	50% beam - 63.7°		10% beam - 109.1°	
		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

LITHONIA LIGHTING®

ENERGY DATA & DIMMER COMPATIBILITY

4" ENERGY DATA	4000K
Lumens	765
Color temperature	4000K
CRI	80
Lumens/Watt	76.5
Min. starting temperature	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A standards
Input voltage	120V
Total Harmonic Distortion	15.3%
Min. power factor	0.98
Input frequency	50/60 Hz
Rated wattage	10W
Input power	10W
Input current	0.08A

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)

LIGHTING FACTS