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|----------------|
| 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, entryways, 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.

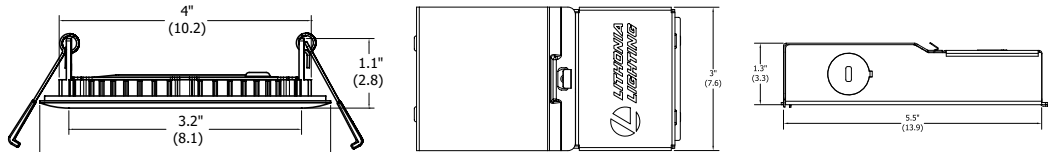
Wafer LED Recessed Downlight WF4 4" LED Module

IC/Non-IC
New Construction/Remodel



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 in inches (centimeters) unless otherwise indicated.

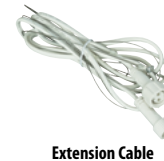
ORDERING INFORMATION

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

Example: WF4 LED 30K MW

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

| 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 |



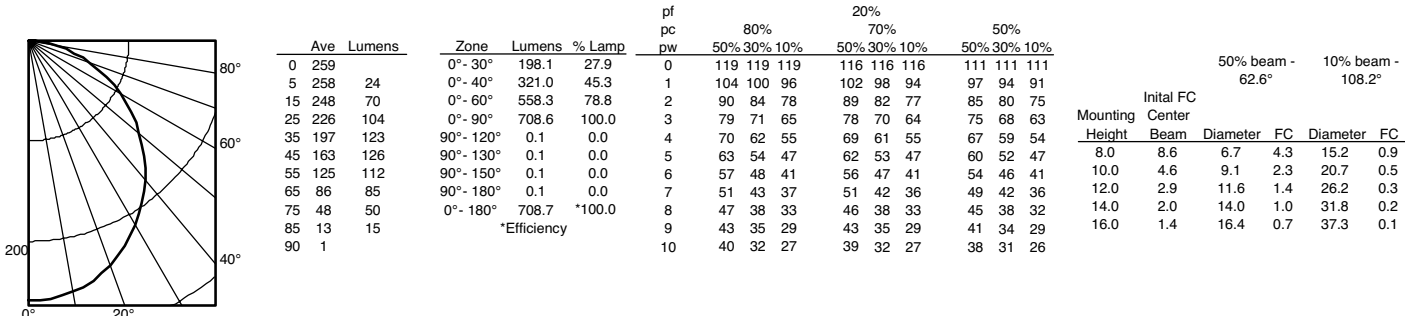
Notes
1 Total system delivered lumens.

WF4 4" LED Wafer Module

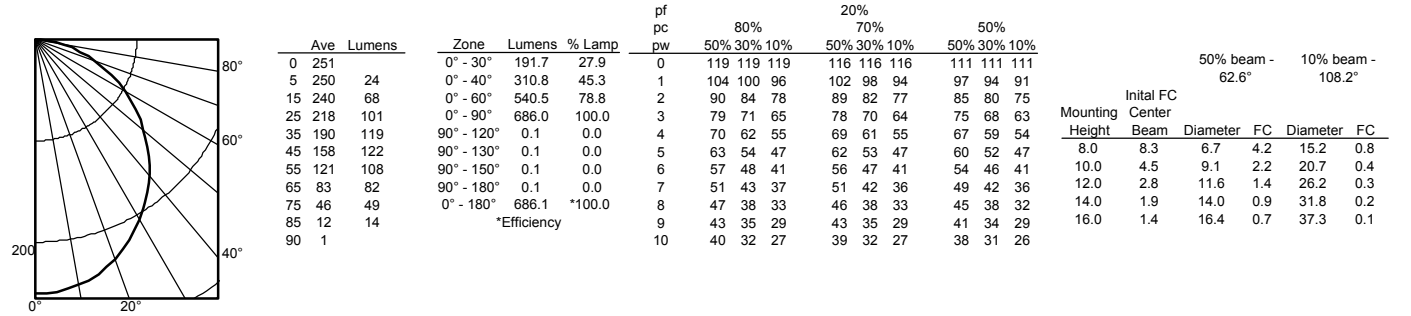
PHOTOMETRICS

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

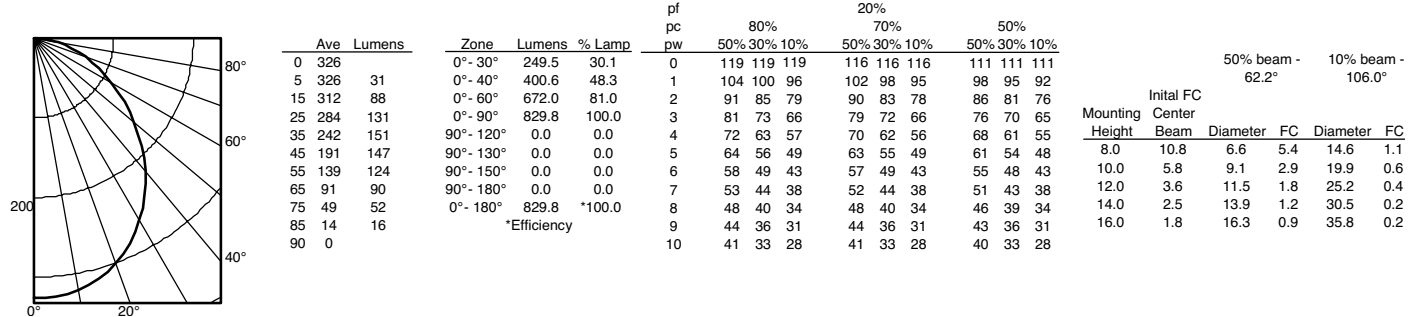
WF4 LED 27K, 2700 K LEDs, input watts: 10.5, delivered lumens: 708, LM/W=67.4, test no. ISF 30027P2



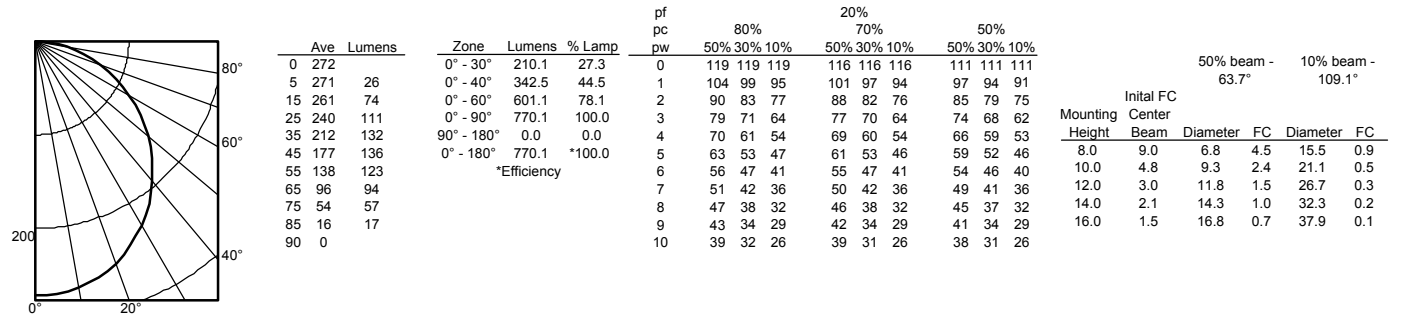
WF4 LED 30K, 3000 K LEDs, input watts: 9.6, delivered lumens: 675, LM/W=70.3, test no. ISF 30027



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



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

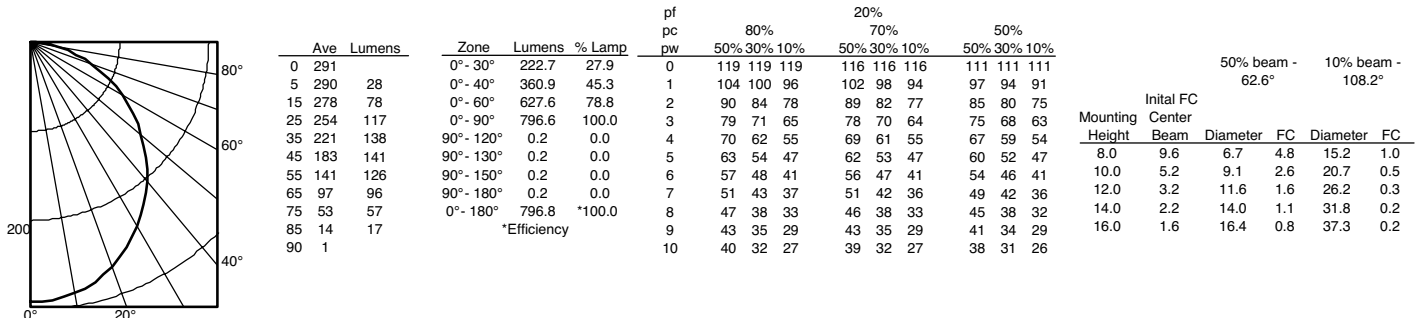


WF4 4" LED Wafer Module

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



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) | Divva/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-SNE | 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)