

Juno®

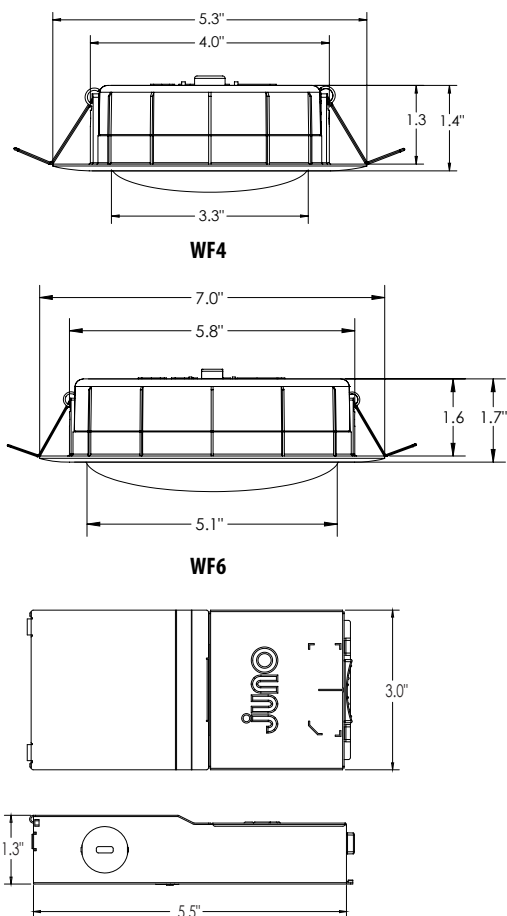
Juno Wafer™ LED Downlight Series

4" & 6" Switchable White Adjustable Downlight

WF4/WF6 ADJ SWW5 Series



Dimensions



Project:
Fixture Type:
Location:
Contact/Phone:

Product Features

The 4" & 6" adjustable wafers with 5CCT Switchable White technology provide high-quality light output and efficiency featuring a switch for easy color temperature adjustment to choose between 2700K, 3000K, 3500K, 4000K, or 5000K - all while eliminating the need for recessed housings. The adjustable gimbal allows for up to 20 degrees of rotation making this version perfect for angled ceilings.

- Round smooth lens trim designed to distribute precise even illumination for general purpose areas
- Canless - no can required; equals easy to install and less labor
- 5 selectable color temperatures to choose from with a switch ranging from warm (2700K) to daylight (5000K) allowing customization for endless applications
- Dimmable to 10%
- Adjustable up to 20 degree

Applications

- Residential and light commercial including multi-family, hotels, assisted living, dormitories and other multi-level construction
- Shallow slim profile allows for easy retrofit, remodel or new construction insulated and drop ceiling installations
- Wet rated and airtight: perfect for showers, bathrooms, and outdoor soffits

Performance

Delivered Lumens	729L (WF4) and 1007L (WF6) Nominal at 3000K
LED Color Temperature	Switchable White (27K, 30K, 35K, 40K, 50K) Default set at 3000K
CRI	90CRI
Voltage	Dedicated 120V
Dimming	Dimmable to 10% only with triac dimmers

For a list of compatible dimmers see [JUNO-WAFERS-DIM](#)

Specifications

	WF4 ADJ	WF6 ADJ
Aperture:	3.3"	5.1"
Ceiling Opening:	4.25"	6.25"
Overlap Trim:	5.3"	7"
Height:	1.4"	1.7"
Lens Regression:	.5"	.5"



Juno Wafer™ LED Downlight Series

4" & 6" Switchable White Adjustable Downlight

ORDERING INFORMATION

Downlight

Example: WF4 ADJ SWW5 90CRI MW

Series	Trim Style	Color Temperature	Rendering Index	Finish
WF4 4" Adjustable LED Downlight	ADJ Adjustable	SWW5 Switchable White (2700K, 3000K, 3500K, 4000K, 5000K)	90CRI 90+ CRI	MW Matte White
WF6 6" Adjustable LED Downlight				MB Matte Black
				BN Brushed Nickel

Accessories: Order as separate catalog number.

Series	
WF8643 PAN	Universal New Construction Pan
WF4 PAN R12	4" new construction pan, retail pack of 12
WF6 PAN R12	6" new construction pan, retail pack of 12
WF4GR MW	4" Wafer Goof Ring 4.2" ID x 6.2" OD
WF6GR MW	6" Wafer Goof Ring 6" ID x 8" OD
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

*Goof rings are made of 22 gauge steel and painted white.



WF8643 Universal
New Construction Pan



WF4 PAN
4" New Construction Pan



WF6 PAN
6" New Construction Pan



WFEXC_
extension cable



Remodel Joist Bar

PERFORMANCE DATA

	WF4 SWW5	WF6 SWW5
Input Voltage	120V	120V
Input Power Typical	10W (+/-5%)	12W (+/-5%)
Frequency	60 Hz	60 Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)
Minimum Starting Temp	-40°F (-40°C)	-40°F (-40°C)

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.



Juno Wafer™ LED Downlight Series

4" & 6" Switchable White Adjustable Downlight

Specifications

Housing

Polycarbonate injection molded outer frame with steel back plate. Non-conductive dead-front trim design suitable for a wide range of applications and codes requiring a non-conductive lens • FT4 3-pin plenum rated cable connector to connect from module to remote driver box • Steel spring clips for easy installation. 4" and 6" cut out template is provided to ensure a correctly sized hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 4-1/4" for the WF4 and 6-1/4" for the WF6 • Can be installed from 3/8" to 1 1/2" ceiling thickness • Can be removed from below the ceiling for service or replacement.

LED Light Engine

Switchable white color temperature from 2700K, 3000K, 3500K, 4000K, 5000K • 90 CRI minimum • Color accuracy within 4 step McAdams Ellipse at the end CCT (2700K and 5000K), within 6 step McAdams Ellipse in the middle CCT (3000K, 3500K, and 4000K) • Dimming 100% to 10% with most standard incandescent dimmers ([see list of approved dimmers](#)).

Driver

Connect directly to 120V Class-2 (CAN ICES-005 (B) / NMB-005 (B)) LED driver. 120V 60 Hz constant current driver provides noise free operation • IC rated driver with convenience of a switch to choose between 5 selectable color temperature options ranging from 2700K (warm white), 3000K, 3500K, 4000K, or 5000K (daylight) • The isolated driver with integrated inside steel remote box has 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 • 2" plenum space required for the installation of the WF6 driver box, and 3" plenum space required for the installation of the WF4 driver box • Suitable for installation in t-grid and drop ceiling applications with universal new construction pan.

Optical System

Edge-lit LED technology uses a light guide plate to distribute light • Polycarbonate lens provides even illumination throughout the space • Efficient system that can produce over 729 lumens while using 10W (WF4) and 1007 lumens while using 12W (WF6) • Replaces 65W incandescent (WF4) and 75W incandescent (WF6).

Life

Rated for 50,000 hours at 70% lumen maintenance.

Labels

CSA certified to US and Canadian safety standards • ENERGY STAR® certified product • Suitable for wet location, covered ceiling • Air-Loc 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 • U.S. Patent No. 10,681,784.

Testing

All reports are based on published industry procedures; field performance may differ from laboratory performance.

Warranty 3-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.



Juno Wafer™ LED Downlight Series

4" & 6" Switchable White Adjustable Downlight

PHOTOMETRICS

Distribution Curve

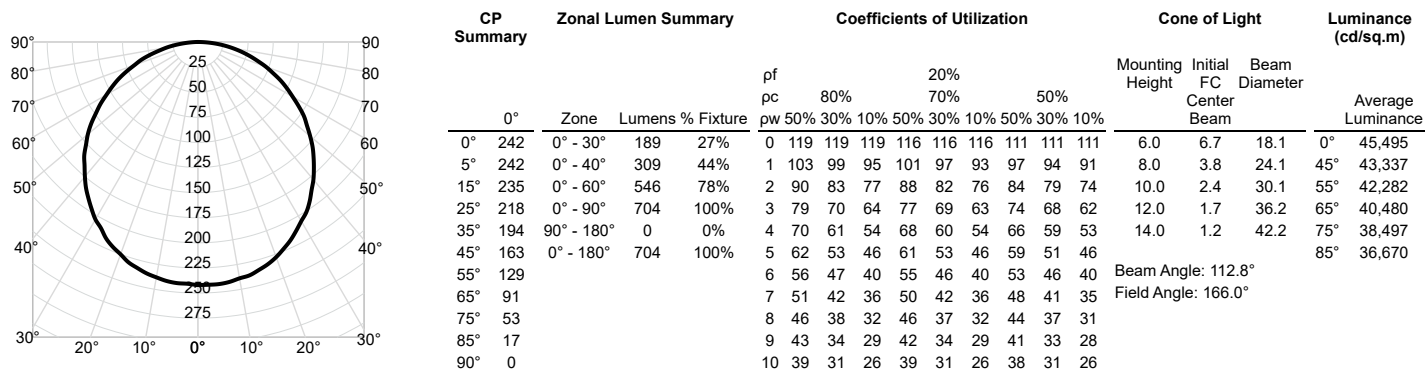
Distribution Data

Output Data

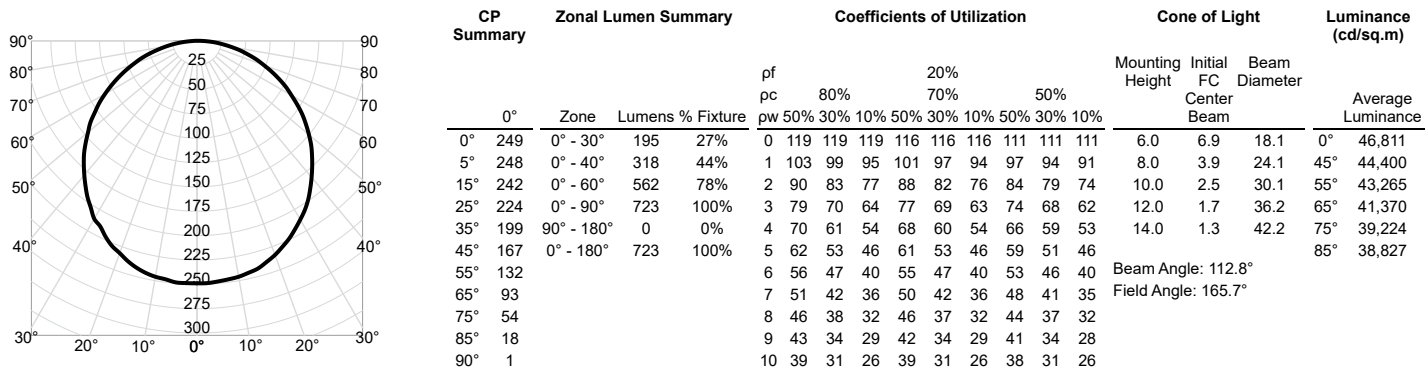
Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

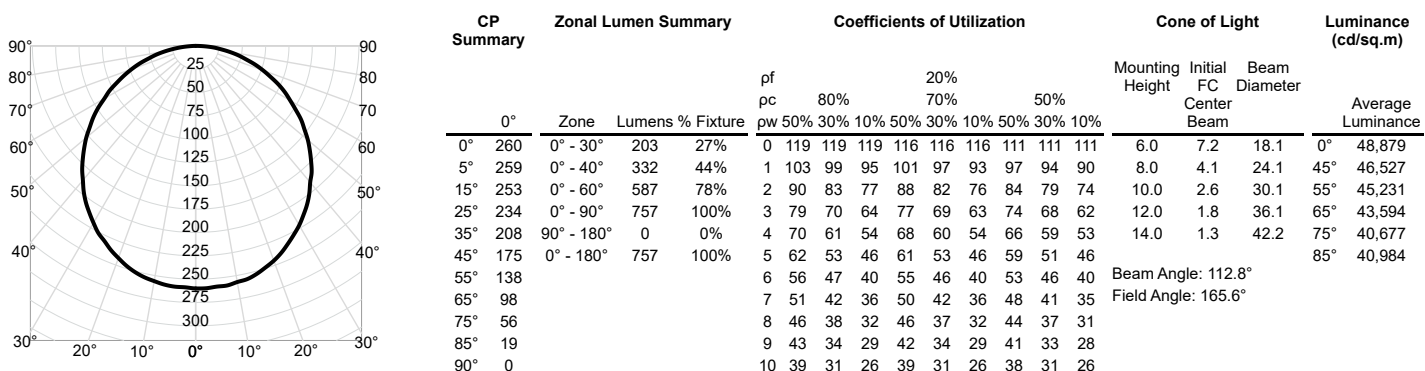
WF4 ADJ LED SWW5 - 2700K Input Watts: 9.5, Delivered Lumens: 704, LPW: 74.1, S/MH: 1.26, Test No: ISF 222271



WF4 ADJ LED SWW5 - 3000K Input Watts: 9.4, Delivered Lumens: 723, LPW: 76.9, S/MH: 1.26, Test No: ISF 222272



WF4 ADJ LED SWW5 - 3500K Input Watts: 9.6, Delivered Lumens: 757, LPW: 78.9, S/MH: 1.26, Test No: ISF 222273





Juno Wafer™ LED Downlight Series

4" & 6" Switchable White Adjustable Downlight

PHOTOMETRICS

Distribution Curve

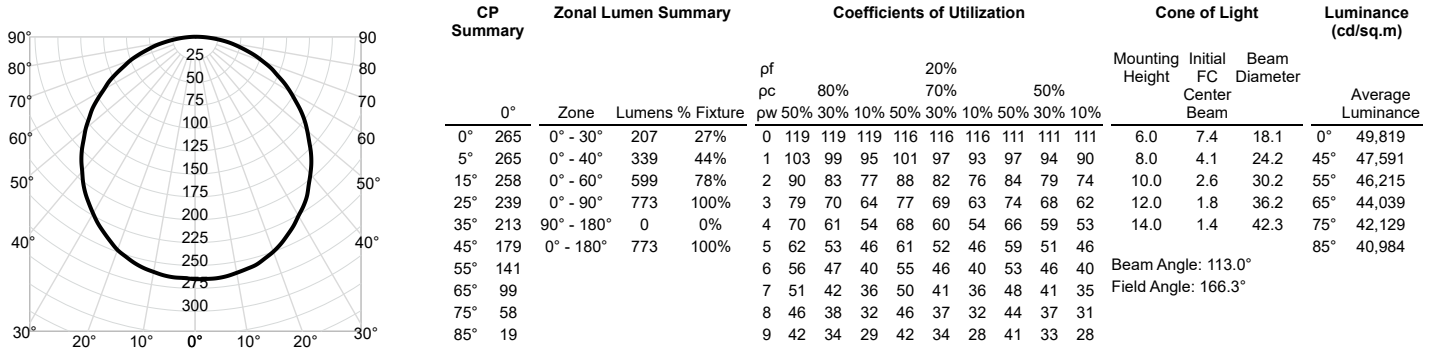
Distribution Data

Output Data

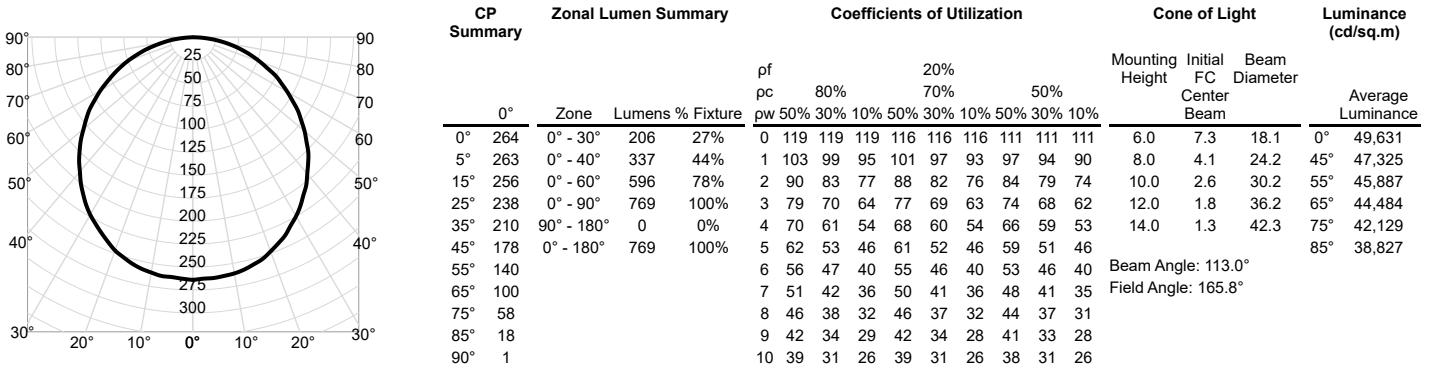
Coefficient of Utilization

Illuminance Data at 30" Above
Floor for a Single Luminaire

WF4 ADJ LED SWW5 - 4000K Input Watts: 9.3, Delivered Lumens: 773, LPW: 83.1, S/MH: 1.26, Test No: ISF 222274



WF4 ADJ LED SWW5 - 5000K Input Watts: 9.6, Delivered Lumens: 769, LPW: 80.1, S/MH: 1.26, Test No: ISF 222275



Juno Wafer™ LED Downlight Series

4" & 6" Switchable White Adjustable
Downlight

PHOTOMETRICS

Distribution Curve

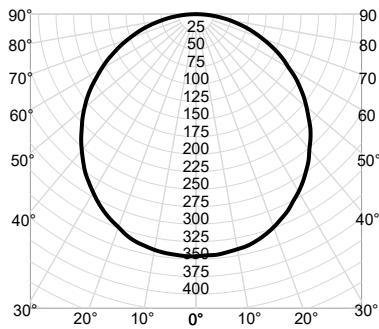
Distribution Data

Output Data

Coefficient of Utilization

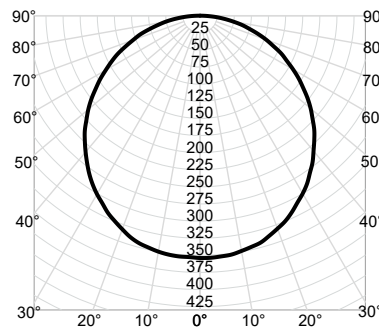
Illuminance Data at 30" Above Floor for a Single Luminaire

WF6 ADJ LED SWW5 - 2700K Input Watts: 12.5, Delivered Lumens: 1014, LPW: 81.1, S/MH: 1.25, Test No: ISF 222276



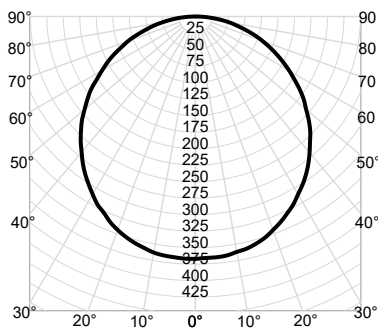
CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
						pf	80%			70%			50%			Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
	0°	Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	346	0° - 30°	270	27%	0	119	119	119	116	116	116	111	111	111	6.0	9.6	18.2	0°	25,646	
5°	345	0° - 40°	442	44%	1	103	99	95	101	97	93	97	93	90	8.0	5.4	24.3	45°	24,214	
15°	335	0° - 60°	782	77%	2	90	83	77	88	81	76	84	79	74	10.0	3.5	30.4	55°	23,390	
25°	310	0° - 90°	1,014	100%	3	79	70	64	77	69	63	74	67	62	12.0	2.4	36.5	65°	22,449	
35°	274	90° - 180°	0	0%	4	70	61	54	68	60	53	66	58	53	14.0	1.8	42.6	75°	21,192	
45°	231	0° - 180°	1,014	100%	5	62	53	46	61	52	46	59	51	45	Beam Angle: 113.3° Field Angle: 165.2°				85°	19,560
55°	181				6	56	47	40	55	46	40	53	45	40						
65°	128				7	51	42	35	50	41	35	48	41	35						
75°	74				8	46	38	32	45	37	32	44	37	31						
85°	23				9	42	34	28	42	34	28	41	33	28						
90°	0				10	39	31	26	39	31	26	38	30	26						

WF6 ADJ LED SWW5 - 3000K Input Watts: 12.3, Delivered Lumens: 1038, LPW: 84.4, S/MH: 1.25, Test No: ISF 222277



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens %	Fixture	pf	80%				20%				Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance		
					pc														
					50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	354	0° - 30°	277	27%	1	119	119	119	116	116	116	111	111	111	6.0	9.8	18.2	0°	26,239
5°	353	0° - 40°	453	44%	1	103	99	95	101	97	93	97	93	90	8.0	5.5	24.2	45°	24,738
15°	343	0° - 60°	800	77%	2	90	83	77	88	81	76	84	79	74	10.0	3.5	30.3	55°	23,778
25°	317	0° - 90°	1,038	100%	3	79	70	64	77	69	63	74	67	62	12.0	2.5	36.3	65°	22,976
35°	280	90° - 180°	0	0%	4	70	61	54	68	60	53	66	58	53	14.0	1.8	42.4	75°	21,479
45°	236	0° - 180°	1,038	100%	5	62	53	46	61	52	46	59	51	45	Beam Angle: 113.1° Field Angle: 165.3°			85°	20,411
55°	184				6	56	47	40	55	46	40	53	45	40					
65°	131				7	51	42	35	50	41	35	48	41	35					
75°	75				8	46	38	32	45	37	32	44	37	31					
85°	24				9	42	34	28	42	34	28	41	33	28					
90°	0				10	39	31	26	39	31	26	38	30	26					

WF6 ADJ LED SWW5 - 3500K Input Watts: 12.1, Delivered Lumens: 1076, LPW: 88.9, S/MH: 1.25, Test No: ISF 222278



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
	0°	Zone	Lumens	% Fixture	pf	80%					20%					Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
					pc	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	367	0° - 30°	287	27%	0	119	119	119	116	116	116	111	111	111	6.0	10.2	18.2	0°	27,203	
5°	366	0° - 40°	469	44%	1	103	99	95	101	97	93	97	93	90	8.0	5.7	24.2	45°	25,787	
15°	356	0° - 60°	830	77%	2	90	83	77	88	81	76	84	79	74	10.0	3.7	30.3	55°	24,941	
25°	329	0° - 90°	1,076	100%	3	79	70	64	77	69	63	74	67	62	12.0	2.5	36.3	65°	23,853	
35°	292	90° - 180°	0	0%	4	70	61	54	68	60	53	66	58	53	14.0	1.9	42.4	75°	22,624	
45°	246	0° - 180°	1,076	100%	5	62	53	46	61	52	46	59	51	45	Beam Angle: 113.1° Field Angle: 165.8°				85°	21,261
55°	193				6	56	47	40	55	46	40	53	45	40						
65°	136				7	51	42	35	50	41	35	48	41	35						
75°	79				8	46	38	32	45	37	32	44	37	31						
85°	25				9	42	34	28	42	34	28	41	33	28						
90°	1				10	39	31	26	39	31	26	38	30	26						



Juno Wafer™ LED Downlight Series

4" & 6" Switchable White Adjustable Downlight

PHOTOMETRICS

Distribution Curve

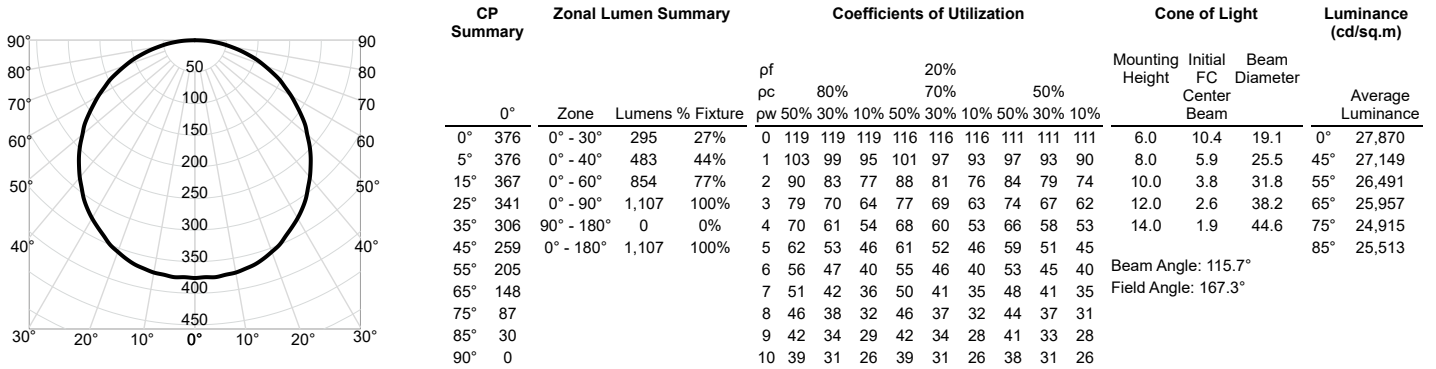
Distribution Data

Output Data

Coefficient of Utilization

Illuminance Data at 30" Above
Floor for a Single Luminaire

WF6 ADJ LED SWW5 - 4000K Input Watts: 12.2, Delivered Lumens: 1107, LPW: 90.7, S/MH: 1.27, Test No: ISF 222279



WF6 ADJ LED SWW5 - 5000K Input Watts: 12.6, Delivered Lumens: 1109, LPW: 88.0, S/MH: 1.25, Test No: ISF 222280

