

Juno®

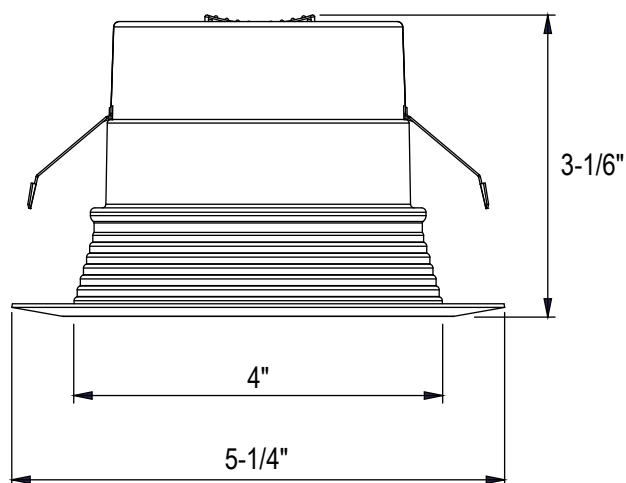
E Series LED Trim Kit

4" Switchable White LED Downlight

4BE/4SE SWW5 Series



Dimensions



Ships with:



E26 Adapter

Project:

Fixture Type:

Location:

Contact/Phone:

Product Features

The 4" recessed LED downlight is the most economical means to create a well lit environment with exceptional energy efficiency and near zero maintenance. Great for retrofit into existing downlight cans or new construction and remodel applications. The LED downlight maintains at least 70% light output for 50,000 hours.

- 5 switchable white color temperatures to choose from via switch; 2700K, 3000K, 3500K, 4000K, 5000K CCT; 90 CRI
- Lumens: 700L
- Baffle or smooth trim options with designer color finish trim inserts (sold separately)

Applications

- Retrofit into existing downlight cans or new and remodel construction in residential and light commercial applications
- Retention clips are pre-installed and designed to fit into most 4" compatible recessed housings
- Wet rated and air-loc: perfect for showers, bathrooms, and outdoor soffits

Performance

Delivered Lumens	Nominal 700L at 3000K
LED Color Temperature	Switchable White (2700K, 3000K, 3500K, 4000K, 5000K) Default set at 3000K
CRI	90+
Voltage	Dedicated 120V
Dimming	Dimmable flicker-free dimming from 100% to 10%

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

Specifications

Aperture:	4"
Ceiling opening:	4.25"
Overlap trim:	5.25"
Height:	3.16"



E Series LED Trim Kit

4" Switchable White LED Downlight



ORDERING INFORMATION

Downlight

Example: 4BEMW SWW5 90CRI

Series	Color Temperature	Rendering Index
4BEMW 4" Juno E Series Baffle Trim Kit	SWW5 Switchable White (2700K, 3000K, 3500K, 4000K, 5000K)	90CRI 90+ CRI
4SEMW 4" Juno E Series Smooth Trim Kit		

Housing options : Order as separate catalog number.

QC4 Quick Connect 4" LED new construction downlight

QC4R Quick Connect 4" LED Remodel Downlight

IC1 4" new construction housing

IC1FW LEDT24 4" fire-rated dedicated LED new construction housing

Pairs perfectly with Juno housings for a complete downlight solution: Order housings as separate catalog number.

QC4 Series -
New Construction Quick Connect LED Housing



QC4R Series -
Remodel Quick Connect LED Housing



IC1FW LEDT24 -
Firewall Fire Rated Quick Connect LED Housing



Accessories: Order as separate catalog number.

LEDRETROWHIP Replacement E26 screw base adapter for installation into incandescent housings



TRIM INSERTS

TRIM INSERTS (for field configuration; ordered separately)

Example: 4BEMB R4

Series/Finish	Packaging
4BEMB 4" Baffle, Matte Black	R4 Retail Pack of 4 units
4BEBN 4" Baffle, Brush Nickel	
4BEORB 4" Baffle, Oil-Rubbed Bronze	
4SEMB 4" Smooth, Matte Black	
4SEBN 4" Smooth, Brush Nickel	
4SEORB 4" Smooth, Oil-Rubbed Bronze	



4" Baffle, Matte Black (4BEMB)



4" Baffle, Brush Nickel (4BEBN)



4" Baffle, Oil-Rubbed Bronze (4BEORB)



4" Smooth, Matte Black (4SEMB)



4" Smooth, Brush Nickel (4SEBN)



4" Smooth, Oil-Rubbed Bronze (4SEORB)



Pre-Install color finish trim insert over white 4" E Series downlight.



Press down color finish tabs for post-installation to create final LED 4" downlight.



E Series LED Trim Kit

4" Switchable White LED Downlight



Specifications

LED Downlight Trim Kit

Aluminum spun reflector with deep regression for reduced glare • Inner reflector cone funnels light through the pressed-in diffused lens • All-in-one design where LED light engine mounts directly to trim for ease of installation into existing 4" or recessed housings with medium base sockets • Provided with retention clips.

LED Light Engine

LEDs are mounted directly to aluminum housing providing superior thermal management to ensure long life • Switchable white LED color temperature technology offers 2700K, 3000K, 3500K, 4000K, 5000K all in one trim • 90 CRI minimum • Accommodates 120 volts DC at 60Hz • Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers • For a list of compatible dimmers, see [JUNOESERIES-DIM](#).

Electrical Connections

Trim features quick connect plug installed as standard for installation into LEDT24 housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 4" incandescent housings with medium base sockets.

Optical System

Diffused lens at end of mixing chamber to provide even light distribution for general illumination • 700L is equivalent to 65W BR30 lamp.

Designer Color Finish Trim Inserts (sold separately)

Color Finish Trim inserts are accessory rings that attach to the 4BE/4SE downlight for a permanent finish. The finishes are available in Baffle or Smooth option:

- Black
- Brush Nickel
- Oil-Rubbed Bronze

Life

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

Labels

CSA certified to US and Canadian safety standards • Suitable for wet location • 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 • T20 Certified.

Testing

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

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/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

PERFORMANCE DATA

	4BE/4SE
Input Voltage	120V
Input Power Typical	8.6W (+/-5%)
Power Factor	.9
Frequency	60 Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)
Minimum Starting Temp	-20°C (-4°F) minimum

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.

4BEMW SSWW5 90CRI M6

LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE	
Light Appearance (CCT) Aspect de la lumière (CCT)	
2700K soft white blanc doux	
713 lumens 83 lumens per watt	
3000K warm white blanc chaud	
717 lumens 83 lumens per watt	
3500K neutral white blanc neutre	
722 lumens 84 lumens per watt	
4000K cool white blanc froid	
723 lumens 84 lumens per watt	
5000K daylight blanc neutre	
722 lumens 84 lumens per watt	
Watts	8.6
Color Accuracy (CRI) Précision des couleurs (CRI)	90



E Series LED Trim Kit

4" Switchable White LED Downlight



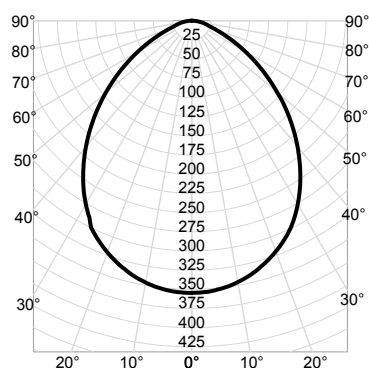
PHOTOMETRICS

Distribution Curve

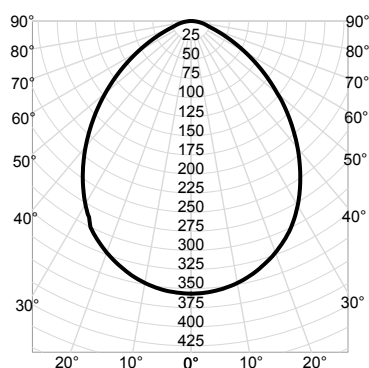
Distribution Data

Output Data

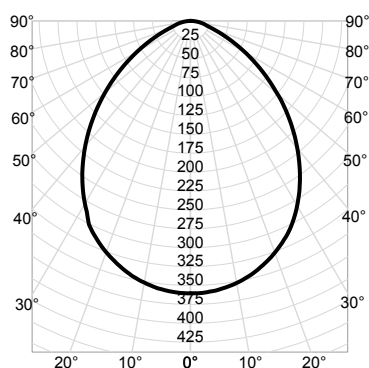
Coefficient of Utilization

Illuminance Data at 30" Above
Floor for a Single Luminaire
4BEMW SWW5 90CRI, 2700K, Input Watts: 8.8, Delivered Lumens: 753, LPW: 85.6, S/MH: 1.15


CP Summary		Zonal Lumen Summary		Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)
	0°	Zone	Lumens % Fixture	pf	pc	80%	70%	50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°	355	0° - 30°	267 35%	0	119	119	119	116	116	116	110	110	110	6.0	9.9	12.2	0° 70,545
5°	353	0° - 40°	420 56%	1	106	103	99	104	101	98	99	97	94	8.0	5.5	16.3	45° 50,826
15°	335	0° - 60°	660 88%	2	95	89	84	93	87	83	89	84	81	10.0	3.5	20.3	55° 38,840
25°	301	0° - 90°	742 99%	3	84	77	72	83	76	71	80	74	70	12.0	2.5	24.4	65° 24,945
35°	247	90° - 180°	10 1%	4	76	68	62	75	67	62	72	66	61	14.0	1.8	28.4	75° 15,765
45°	181	0° - 180°	753 100%	5	69	60	54	67	60	54	65	59	53				85° 13,422
55°	112			6	62	54	48	61	54	48	59	53	47	Beam Angle: 90.9° Field Angle: 137.8°			
65°	53			7	57	49	43	56	48	43	54	48	43				
75°	21			8	52	44	39	51	44	39	50	43	38				
85°	6			9	48	40	35	48	40	35	46	40	35				
90°	0			10	45	37	32	44	37	32	43	36	32				

4BEMW SWW5 90CRI, 3000K, Input Watts: 8.8, Delivered Lumens: 757, LPW: 86.0, S/MH: 1.17


CP Summary		Zonal Lumen Summary		Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)
	0°	Zone	Lumens % Fixture	pf	pc	80%	70%	50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°	357	0° - 30°	268 35%	0	119	119	119	116	116	116	110	110	110	6.0	9.9	12.2	0° 70,949
5°	354	0° - 40°	423 56%	1	106	103	99	104	101	98	99	97	94	8.0	5.6	16.3	45° 51,459
15°	337	0° - 60°	664 88%	2	95	89	84	93	87	83	89	84	81	10.0	3.6	20.3	55° 39,499
25°	304	0° - 90°	746 99%	3	84	77	72	83	76	71	80	74	70	12.0	2.5	24.4	65° 25,514
35°	249	90° - 180°	10 1%	4	76	68	62	75	67	62	72	66	61	14.0	1.8	28.5	75° 16,027
45°	183	0° - 180°	757 100%	5	69	60	54	67	60	54	65	59	53				85° 14,152
55°	114			6	62	54	48	61	54	48	59	53	47	Beam Angle: 91.0° Field Angle: 138.1°			
65°	54			7	57	49	43	56	48	43	54	48	43				
75°	21			8	52	44	39	51	44	39	50	43	38				
85°	6			9	48	40	35	48	40	35	46	40	35				
90°	0			10	45	37	32	44	37	32	43	36	32				

4BEMW SWW5 90CRI, 3500K, Input Watts: 8.8, Delivered Lumens: 766, LPW: 87.0, S/MH: 1.17


CP Summary		Zonal Lumen Summary		Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)
	0°	Zone	Lumens % Fixture	pf	pc	80%	70%	50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°	360	0° - 30°	271 35%	0	119	119	119	116	116	116	110	110	110	6.0	10.0	12.2	0° 71,687
5°	359	0° - 40°	428 56%	1	106	103	99	104	101	98	99	97	94	8.0	5.6	16.3	45° 52,300
15°	341	0° - 60°	672 88%	2	95	89	84	93	87	83	89	84	81	10.0	3.6	20.4	55° 40,193
25°	308	0° - 90°	755 99%	3	84	77	72	83	76	71	80	74	69	12.0	2.5	24.4	65° 26,079
35°	253	90° - 180°	11 1%	4	76	68	62	74	67	62	72	66	61	14.0	1.8	28.5	75° 16,334
45°	186	0° - 180°	766 100%	5	69	60	54	67	60	54	65	58	53				85° 14,586
55°	116			6	62	54	48	61	54	48	59	53	47	Beam Angle: 91.0° Field Angle: 137.5°			
65°	55			7	57	49	43	56	48	43	54	48	43				
75°	21			8	52	44	39	51	44	39	50	43	38				
85°	6			9	48	40	35	47	40	35	46	40	35				
90°	0			10	45	37	32	44	37	32	43	36	32				



E Series LED Trim Kit

4" Switchable White LED Downlight



PHOTOMETRICS

Distribution Curve

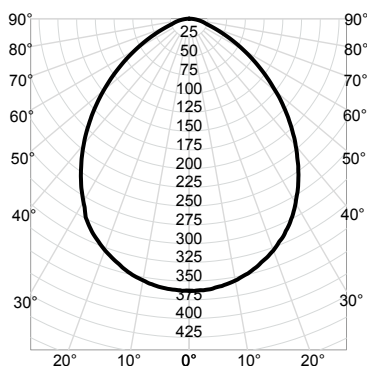
Distribution Data

Output Data

Coefficient of Utilization

Illuminance Data at 30" Above
Floor for a Single Luminaire

4BEMW SWW5 90CRI, 4000K, Input Watts: 8.9, Delivered Lumens: 772, LPW: 86.7, S/MH: 1.17

CP
Summary

Zonal Lumen Summary

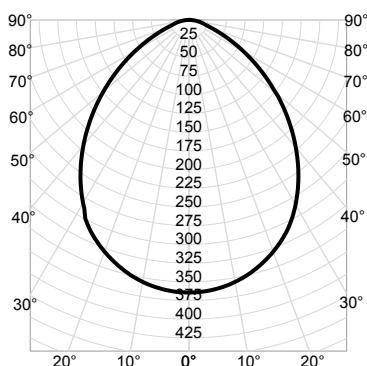
Coefficients of Utilization

Cone of Light

Luminance
(cd/sq.m)

0°	Zone	Lumens	% Fixture	pw	Coefficients of Utilization										Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
					80%	70%	50%	30%	10%	50%	30%	10%	50%	30%				
0°	363	0° - 30°	273	35%	0	119	119	119	116	116	116	110	110	110	6.0	10.1	12.2	0° 72,232
5°	361	0° - 40°	431	56%	1	106	103	99	104	101	98	99	97	94	8.0	5.7	16.3	45° 52,640
15°	344	0° - 60°	677	88%	2	95	89	84	93	87	83	89	84	81	10.0	3.6	20.4	55° 40,356
25°	309	0° - 90°	761	99%	3	84	77	72	83	76	71	80	74	69	12.0	2.5	24.4	65° 26,168
35°	254	90° - 180°	11	1%	4	76	68	62	74	67	62	72	66	61	14.0	1.9	28.5	75° 16,411
45°	187	0° - 180°	772	100%	5	69	60	54	67	60	54	65	58	53				85° 14,517
55°	116				6	62	54	48	61	54	48	59	53	47	Beam Angle: 91.0° Field Angle: 138.6°			
65°	56				7	57	49	43	56	48	43	54	48	43				
75°	21				8	52	44	39	51	44	39	50	43	38				
85°	6				9	48	40	35	47	40	35	46	40	35				
90°	0				10	45	37	32	44	37	32	43	36	32				

4BEMW SWW5 90CRI, 5000K, Input Watts: 8.9, Delivered Lumens: 775, LPW: 87.1, S/MH: 1.17

CP
Summary

Zonal Lumen Summary

Coefficients of Utilization

Cone of Light

Luminance
(cd/sq.m)

0°	Zone	Lumens	% Fixture	pw	Coefficients of Utilization										Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
					80%	70%	50%	30%	10%	50%	30%	10%	50%	30%				
0°	364	0° - 30°	274	35%	0	119	119	119	116	116	116	110	110	110	6.0	10.1	12.2	0° 72,489
5°	362	0° - 40°	432	56%	1	106	103	99	104	101	98	99	97	94	8.0	5.7	16.3	45° 52,868
15°	345	0° - 60°	680	88%	2	95	89	84	93	87	83	89	84	81	10.0	3.6	20.4	55° 40,623
25°	311	0° - 90°	765	99%	3	84	77	72	83	76	71	80	74	69	12.0	2.5	24.5	65° 26,319
35°	255	90° - 180°	11	1%	4	76	68	62	74	67	62	72	66	61	14.0	1.9	28.5	75° 16,495
45°	188	0° - 180°	775	100%	5	69	60	54	67	60	54	65	58	53				85° 14,586
55°	117				6	62	54	48	61	54	48	59	53	47	Beam Angle: 91.1° Field Angle: 140.1°			
65°	56				7	57	49	43	56	48	43	54	47	42				
75°	21				8	52	44	39	51	44	39	50	43	38				
85°	6				9	48	40	35	47	40	35	46	40	35				
90°	0				10	45	37	32	44	37	32	43	36	32				