



Catalog Number
Notes
Type

Contractor Select™

# RB56 RB56S SWW5

RetroBasics™ 5"/6" Switchable White LED Trim Kit

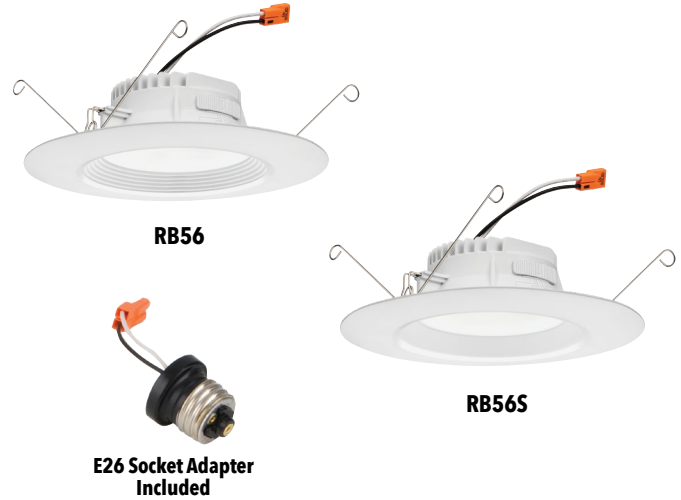
RetroBasics 5"/6" LED trim kits provide the most economical solution for efficiently lighting a space using LED technology with virtually zero maintenance. This LED downlight is designed to work in both 5" and 6" housings and can be used to provide general illumination in any room. Use as an option to replace legacy incandescent technology in an already installed housing or pair with the quick connect LED housings for a low-cost LED downlight solution. The LED trim maintains at least 70% light output for 50,000 hours.

**FEATURES:**

- 5 switchable white color temperatures to choose from via switch; 2700K, 3000K, 3500K, 4000K, 5000K CCT; 90 CRI. Switch is factory preset at 3000K CCT
- Dimmable flicker-free dimming from 100% to 10%
- Non-conductive thermal plastic trim ideal for dead front applications
- Low profile construction optimized for wider fixture spacings
- Baffle and smooth trim options available offering a choice of traditional or more modern aesthetic
- Trim features quick connect plug for easy electrical connection in seconds
- Torsion springs are pre-installed and designed to fit into most 5" or 6" compatible recessed housings
- Optional field installable trim insert accessories to compliment any room available in three painted finishes including matte black, bronze and satin nickel

**APPLICATIONS:**

- Retrofit into existing recessed housings or use with quick connect housings for new construction or remodel applications
- Wet rated and air-loc: perfect for showers, bathrooms, and outdoor soffits
- For use with housings installed in IC rated applications (direct contact with insulation)



**CONTRACTOR PACK (CP6) ORDERING EXAMPLES:**

**Example 1: Ordered in Qty of 1**

Ordered Line: Qty: 1 RB56 SWW5 CP6 MW M2  
 \*Will receive 1 box with 6 units not individually packaged

**Example 2: Ordered in Qty of 2**

Ordered Line: Qty: 2 RB56 SWW5 CP6 MW M2  
 \*Will receive 1 master carton that includes 2 separate boxes with 6 units in each box not individually packaged

Catalog Number	UPC	Description	Replaces Up To	Lumens	Input Watts	CCT	CRI	Voltage	Finish	Dimming Protocol	Pallet qty.
RB56 SWW5 MW M6	00196182808999	5"/6" Switchable White LED Baffle Trim Kit	75W Incandescent	860	10.2W	2700K-5000K	90	120V	White	100% to 10%	240
RB56 SWW5 CP6 MW M2	00196182809477	5"/6" Switchable White LED Baffle Trim Kit	75W Incandescent	860	10.2W	2700K-5000K	90	120V	White	100% to 10%	60
RB56S SWW5 MW M6	00196182750144	5"/6" Switchable White LED Smooth Trim Kit	75W Incandescent	860	10.2W	2700K-5000K	90	120V	White	100% to 10%	360
RB56S SWW5 CP6 MW M2	00196182750229	5"/6" Switchable White LED Smooth Trim Kit	75W Incandescent	860	10.2W	2700K-5000K	90	120V	White	100% to 10%	36



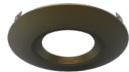
## ACCESSORIES

**TRIM INSERTS (for field configuration; ordered separately)**

Series	Finish	Packaging
<b>RB56TRIM</b> 5/6" Baffle	<b>MB</b> Matte Black	<b>R6</b> Retail Pack of 6 Units
<b>RB56STRIM</b> 5/6" Smooth	<b>BRZ</b> Bronze	
	<b>SNP</b> Satin Nickel Point	



**MB baffle**



**BRZ baffle**



**SNP baffle**



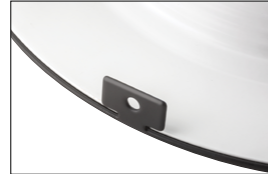
**MB smooth**



**BRZ smooth**



**SNP smooth**



Pre-Install color finish trim insert over white 5/6" RetroBasics trim kit



Press down tabs on color finish trim insert to create final RetroBasics LED trim assembly

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

### QC6 Series - New Construction Quick Connect LED Housing



### QC6R Series - Remodel Quick Connect LED Housing



## PERFORMANCE DATA

	<b>RB56 /RB56S</b>
Input Voltage	120V
Input Power Typical	10.2W (+/-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

### LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT)  
Aspect de la lumière (CCT)

**2700K** soft white | blanc doux

787 lumens | 77 lumens per watt

**3000K** warm white | blanc chaud

825 lumens | 81 lumens per watt

**3500K** neutral white | blanc neutre

862 lumens | 85 lumens per watt

**4000K** cool white | blanc froid

859 lumens | 84 lumens per watt

**5000K** daylight | blanc neutre

799 lumens | 78 lumens per watt

Watts **10.2**

Color Accuracy (CRI) **90**  
Précision des couleurs (CRI)



## Specifications

### DOWNLIGHT LED TRIM KIT:

Molded thermal plastic housing with non-conductive trim frame offered in baffle or smooth design in matte white finish • Pressed-in diffusing lens optimized for concealing the LEDs from direct view in the on and off state • All-in-one design where LED light engine mounts directly to the trim for ease of installation into existing 5" or 6" recessed housings with medium base sockets or quick connect LED housings • Provided with torsion springs • Optional field installable trim insert accessories to compliment any room available in three painted finishes including matte black, bronze and satin nickel.

### LED LIGHT ENGINE:

LEDs are mounted directly to 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 • Switch factory set at 3000K • 90 CRI minimum • Accommodates 120 volts AC at 60Hz • Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers • For a list of compatible dimmers, see [JUNORBSERIES-DIM](#).

### OPTICAL SYSTEM:

Regressed, diffused lens at end of mixing chamber to provide even light distribution for general illumination • Optimized for wide fixture spacings • Up to 860 nominal lumens is equivalent to 75W BR30 lamp.

### ELECTRICAL CONNECTIONS:

Trim features quick connect plug installed as standard for installation into Juno quick connect housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 5" or 6" incandescent housings with medium base sockets.

### 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 • 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:

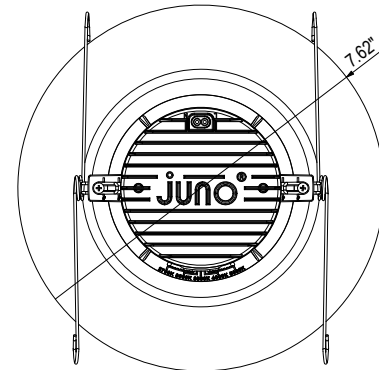
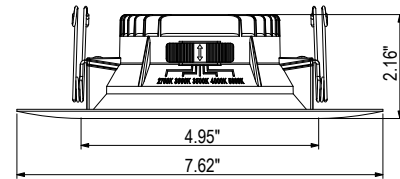
All reports are based on published industry procedures; field performance may differ from laboratory performance.

### 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](http://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.

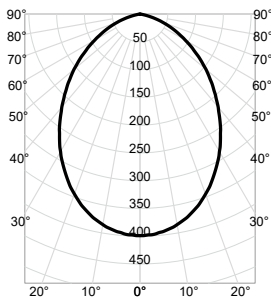
## Dimensions





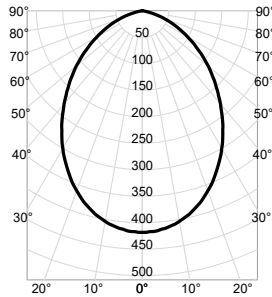
## PHOTOMETRICS

**RB56 SWW5 MW M6 - 2700K** Input Watts: 10.2, Delivered Lumens: 788, LPW: 77.3, S/MH: 1.09, Test No: 80119811- 002P1



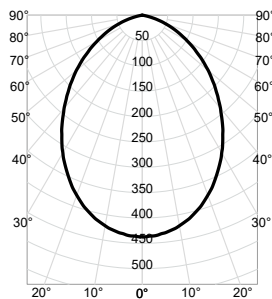
CP Summary				Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	Beam Angle: 85.8°	Field Angle: 141.6°			
						pw	50%	30%	10%	50%	30%	10%	50%							30%	10%	
0°	0° - 30°	287	36%	0	119	119	119	116	116	116	111	111	111	6.0	11.1	11.2	0°	32,137				
5°	0° - 40°	444	56%	1	107	103	100	105	101	99	100	98	96	8.0	6.2	14.9	45°	21,187				
15°	0° - 60°	698	89%	2	95	89	84	93	88	83	90	85	82	10.0	4.0	18.6	55°	17,272				
25°	0° - 90°	788	100%	3	85	78	72	83	77	72	81	75	70	12.0	2.8	22.3	65°	12,960				
35°	90° - 180°	0	0%	4	76	68	62	75	68	62	73	66	61	14.0	2.0	26.0	75°	6,224				
45°	0° - 180°	788	100%	5	69	61	55	68	60	54	66	59	54				85°	0				
55°		123		6	63	54	49	62	54	48	60	53	48									
65°		68		7	57	49	43	56	49	43	55	48	43									
75°		20		8	53	45	39	52	44	39	51	44	39									
85°		0		9	49	41	36	48	41	36	47	40	35									
90°		0		10	45	38	33	44	37	33	44	37	32									

**RB56 SWW5 MW M6 - 3000K** Input Watts: 10.2, Delivered Lumens: 826, LPW: 81.0, S/MH: 1.09, Test No: 80119811- 002P2



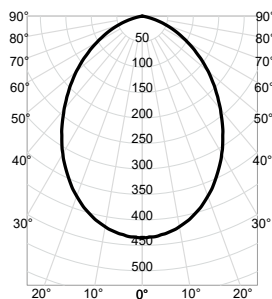
CP Summary				Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	Beam Angle: 85.8°	Field Angle: 141.6°			
						pw	50%	30%	10%	50%	30%	10%	50%							30%	10%	
0°	0° - 30°	301	36%	0	119	119	119	116	116	116	111	111	111	6.0	11.6	11.2	0°	33,689				
5°	0° - 40°	466	56%	1	107	103	100	105	101	99	100	98	96	8.0	6.5	14.9	45°	22,210				
15°	0° - 60°	732	89%	2	95	89	84	93	88	83	90	85	82	10.0	4.2	18.6	55°	18,106				
25°	0° - 90°	826	100%	3	85	78	72	83	77	72	81	75	70	12.0	2.9	22.3	65°	13,585				
35°	90° - 180°	0	0%	4	76	68	62	75	68	62	73	66	61	14.0	2.1	26.0	75°	6,524				
45°	0° - 180°	826	100%	5	69	61	55	68	60	54	66	59	54				85°	0				
55°		129		6	63	54	49	62	54	48	60	53	48									
65°		71		7	57	49	43	56	49	43	55	48	43									
75°		21		8	53	45	39	52	44	39	51	44	39									
85°		0		9	49	41	36	48	41	36	47	40	35									
90°		0		10	45	38	33	44	37	33	44	37	32									

**RB56 SWW5 MW M6 - 3500K** Input Watts: 10.2, Delivered Lumens: 863, LPW: 84.6, S/MH: 1.09, Test No: 80119811- 002P3



CP Summary				Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	Beam Angle: 85.8°	Field Angle: 141.6°			
						pw	50%	30%	10%	50%	30%	10%	50%							30%	10%	
0°	0° - 30°	314	36%	0	119	119	119	116	116	116	111	111	111	6.0	12.1	11.2	0°	35,200				
5°	0° - 40°	487	56%	1	107	103	100	105	101	99	100	98	96	8.0	6.8	14.9	45°	23,206				
15°	0° - 60°	765	89%	2	95	89	84	93	88	83	90	85	82	10.0	4.4	18.6	55°	18,918				
25°	0° - 90°	863	100%	3	85	78	72	83	77	72	81	75	70	12.0	3.0	22.3	65°	14,195				
35°	90° - 180°	0	0%	4	76	68	62	75	68	62	73	66	61	14.0	2.2	26.0	75°	6,817				
45°	0° - 180°	863	100%	5	69	61	55	68	60	54	66	59	54				85°	0				
55°		135		6	63	54	49	62	54	48	60	53	48									
65°		74		7	57	49	43	56	49	43	55	48	43									
75°		22		8	53	45	39	52	44	39	51	44	39									
85°		0		9	49	41	36	48	41	36	47	40	35									
90°		0		10	45	38	33	44	37	33	44	37	32									

**RB56 SWW5 MW M6 - 4000K** Input Watts: 10.2, Delivered Lumens: 859, LPW: 84.2, S/MH: 1.09, Test No: 80119811- 002P4



CP Summary				Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	Beam Angle: 85.8°	Field Angle: 141.6°			
						pw	50%	30%	10%	50%	30%	10%	50%							30%	10%	
0°	0° - 30°	313	36%	0	119	119	119	116	116	116	111	111	111	6.0	12.1	11.2	0°	35,036				
5°	0° - 40°	485	56%	1	107	103	100	105	101	99	100	98	96	8.0	6.8	14.9	45°	23,098				
15°	0° - 60°	761	89%	2	95	89	84	93	88	83	90	85	82	10.0	4.3	18.6	55°	18,830				
25°	0° - 90°	859	100%	3	85	78	72	83	77	72	81	75	70	12.0	3.0	22.3	65°	14,129				
35°	90° - 180°	0	0%	4	76	68	62	75	68	62	73	66	61	14.0	2.2	26.0	75°	6,785				
45°	0° - 180°	859	100%	5	69	61	55	68	60	54	66	59	54				85°	0				
55°		134		6	63	54	49	62	54	48	60	53	48									
65°		74		7	57	49	43	56	49	43	55	48	43									
75°		22		8	53	45	39	52	44	39	51	44	39									
85°		0		9	49	41	36	48	41	36	47	40	35									
90°		0		10	45	38	33	44	37	33	44	37	32									



PHOTOMETRICS

RB56 SWW5 MW M6 - 5000K Input Watts: 10.2, Delivered Lumens: 799, LPW: 78.3, S/MH: 1.09, Test No: 80119811- 002P5

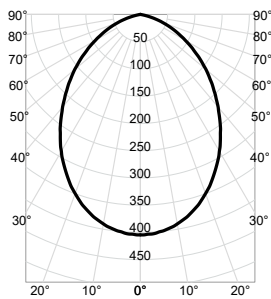


Table with columns: CP Summary, Zonal Lumen Summary, Coefficients of Utilization, Cone of Light, and Luminance (cd/sq.m)

RB56S SWW5 MW M6 - 2700K Input Watts: 10.2, Delivered Lumens: 788, LPW: 77.3, S/MH: 1.09, Test No: 80119811- 002PA1

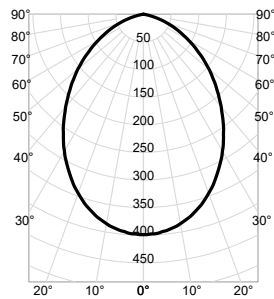


Table with columns: CP Summary, Zonal Lumen Summary, Coefficients of Utilization, Cone of Light, and Luminance (cd/sq.m)

RB56S SWW5 MW M6 - 3000K Input Watts: 10.2, Delivered Lumens: 826, LPW: 81.0, S/MH: 1.09, Test No: 80119811- 002PA2

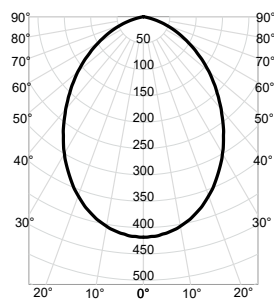


Table with columns: CP Summary, Zonal Lumen Summary, Coefficients of Utilization, Cone of Light, and Luminance (cd/sq.m)

RB56S SWW5 MW M6 - 3500K Input Watts: 10.2, Delivered Lumens: 863, LPW: 84.6, S/MH: 1.09, Test No: 80119811- 002PA3

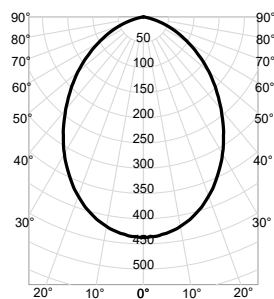
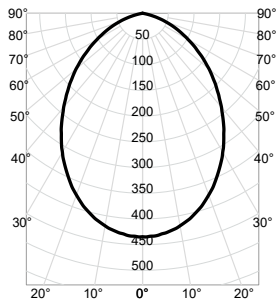


Table with columns: CP Summary, Zonal Lumen Summary, Coefficients of Utilization, Cone of Light, and Luminance (cd/sq.m)



## PHOTOMETRICS

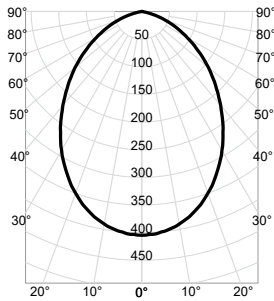
**RB56S SWW5 MW M6 - 4000K** Input Watts: 10.2, Delivered Lumens: 859, LPW: 84.2, S/MH: 1.09, Test No: 80119811- 002PA4



CP Summary				Zonal Lumen Summary										Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance								
0°	435	0° - 30°	313	36%	0	119	119	119	116	116	116	111	111	111	111	111	6.0	12.1	11.2	0°	35,036							
5°	431	0° - 40°	485	56%	1	107	103	100	105	101	99	100	98	96	96	96	8.0	6.8	14.9	45°	23,098							
15°	401	0° - 60°	761	89%	2	95	89	84	93	88	83	90	85	82	82	82	10.0	4.3	18.6	55°	18,830							
25°	346	0° - 90°	859	100%	3	85	78	72	83	77	72	81	75	70	70	70	12.0	3.0	22.3	65°	14,129							
35°	276	90° - 180°	0	0%	4	76	68	62	75	68	62	73	66	61	61	61	14.0	2.2	26.0	75°	6,785							
45°	203	0° - 180°	859	100%	5	69	61	55	68	60	54	66	59	54	54	54				85°	0							
55°	134				6	63	54	49	62	54	48	60	53	48	48	48												
65°	74				7	57	49	43	56	49	43	55	48	43	43	43												
75°	22				8	53	45	39	52	44	39	51	44	39	39	39												
85°	0				9	49	41	36	48	41	36	47	40	35	35	35												
90°	0				10	45	38	33	44	37	33	44	37	32	32	32												

Beam Angle: 85.8°  
Field Angle: 141.6°

**RB56S SWW5 MW M6 - 5000K** Input Watts: 10.2, Delivered Lumens: 799, LPW: 78.3, S/MH: 1.09, Test No: 80119811- 002PA5



CP Summary				Zonal Lumen Summary										Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance								
0°	405	0° - 30°	291	36%	0	119	119	119	116	116	116	111	111	111	111	111	6.0	11.2	11.2	0°	32,586							
5°	401	0° - 40°	451	56%	1	107	103	100	105	101	99	100	98	96	96	96	8.0	6.3	14.9	45°	21,483							
15°	373	0° - 60°	708	89%	2	95	89	84	93	88	83	90	85	82	82	82	10.0	4.0	18.6	55°	17,514							
25°	321	0° - 90°	799	100%	3	85	78	72	83	77	72	81	75	70	70	70	12.0	2.8	22.3	65°	13,141							
35°	257	90° - 180°	0	0%	4	76	68	62	75	68	62	73	66	61	61	61	14.0	2.1	26.0	75°	6,311							
45°	189	0° - 180°	799	100%	5	69	61	55	68	60	54	66	59	54	54	54				85°	0							
55°	125				6	63	54	49	62	54	48	60	53	48	48	48												
65°	69				7	57	49	43	56	49	43	55	48	43	43	43												
75°	20				8	53	45	39	52	44	39	51	44	39	39	39												
85°	0				9	49	41	36	48	41	36	47	40	35	35	35												
90°	0				10	45	38	33	44	37	33	44	37	32	32	32												

Beam Angle: 85.8°  
Field Angle: 141.6°