



Catalog Number
Notes
Type

Contractor Select™

RB56 RB56S SWW5

RetroBasics™ 5 5/8" Switchable White LED Trim Kit

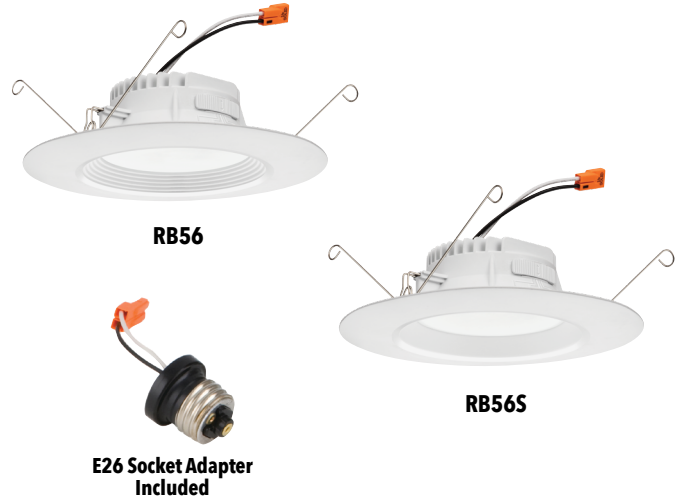
RetroBasics 5 5/8" LED trim kits provide the most economical solution for efficiently lighting a space using LED technology with virtually zero maintenance. This LED downlight is designed to work in both 5" and 6" housings and can be used to provide general illumination in any room. Use as an option 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

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 5/8" 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 5/8" 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 5/8" 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 5/8" Switchable White LED Smooth Trim Kit	75W Incandescent	860	10.2W	2700K-5000K	90	120V	White	100% to 10%	36



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

RB56 /RB56S	
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) Précision des couleurs (CRI)	90



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.

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:

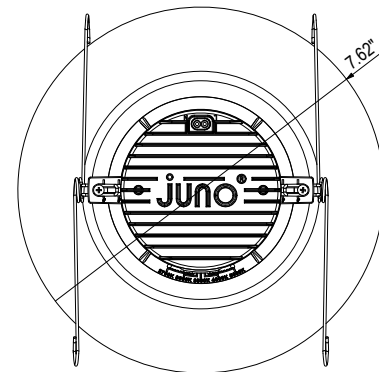
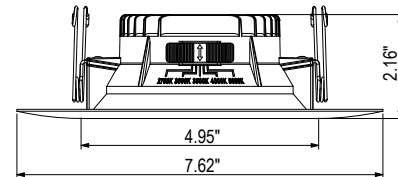
All reports are based on published industry procedures; field performance may differ from laboratory performance.

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

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.

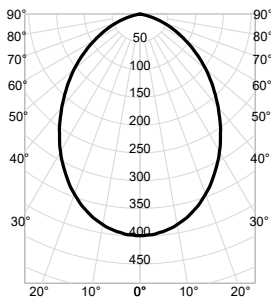
Dimensions





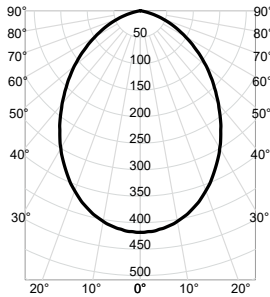
PHOTOMETRICS

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



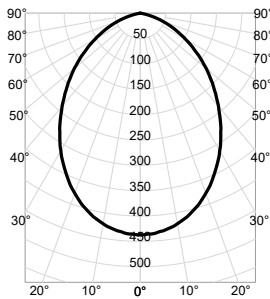
CP Summary				Zonal Lumen Summary				Coefficients of Utilization								Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
						pw	50%	30%	10%											50%
0°	0° - 30°	287	36%	0	119	119	119	116	116	116	111	111	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	96	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	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	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	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	54				85°	0	
55°	123			6	63	54	49	62	54	48	60	53	48	48						
65°	68			7	57	49	43	56	49	43	55	48	43	43						
75°	20			8	53	45	39	52	44	39	51	44	39	39						
85°	0			9	49	41	36	48	41	36	47	40	35	35						
90°	0			10	45	38	33	44	37	33	44	37	32	32						

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



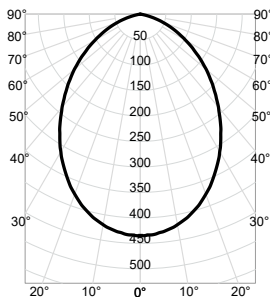
CP Summary				Zonal Lumen Summary				Coefficients of Utilization								Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
						pw	50%	30%	10%											50%
0°	0° - 30°	301	36%	0	119	119	119	116	116	116	111	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	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	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	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	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	54				85°	0	
55°	129			6	63	54	49	62	54	48	60	53	48	48						
65°	71			7	57	49	43	56	49	43	55	48	43	43						
75°	21			8	53	45	39	52	44	39	51	44	39	39						
85°	0			9	49	41	36	48	41	36	47	40	35	35						
90°	0			10	45	38	33	44	37	33	44	37	32	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%		50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
						pw	50%	30%	10%											50%
0°	0° - 30°	314	36%	0	119	119	119	116	116	116	111	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	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	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	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	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	54				85°	0	
55°	135			6	63	54	49	62	54	48	60	53	48	48						
65°	74			7	57	49	43	56	49	43	55	48	43	43						
75°	22			8	53	45	39	52	44	39	51	44	39	39						
85°	0			9	49	41	36	48	41	36	47	40	35	35						
90°	0			10	45	38	33	44	37	33	44	37	32	32						

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

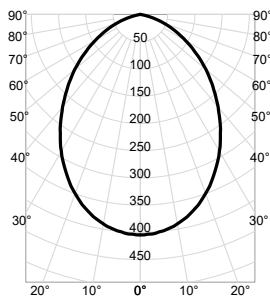


CP Summary				Zonal Lumen Summary				Coefficients of Utilization								Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
						pw	50%	30%	10%											50%
0°	0° - 30°	313	36%	0	119	119	119	116	116	116	111	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	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	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	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	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	54				85°	0	
55°	134			6	63	54	49	62	54	48	60	53	48	48						
65°	74			7	57	49	43	56	49	43	55	48	43	43						
75°	22			8	53	45	39	52	44	39	51	44	39	39						
85°	0			9	49	41	36	48	41	36	47	40	35	35						
90°	0			10	45	38	33	44	37	33	44	37	32	32						



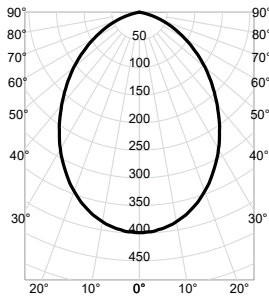
PHOTOMETRICS

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



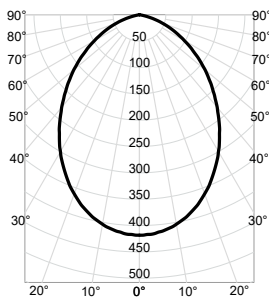
CP Summary				Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)
								pf		80%		20%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°	Zone	Lumens	% Fixture	pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	0° - 30°	291	36%	0	119	119	119	116	116	116	111	111	111	6.0	11.2	11.2	0°	32,586			
5°	0° - 40°	451	56%	1	107	103	100	105	101	99	100	98	96	8.0	6.3	14.9	45°	21,483			
15°	0° - 60°	708	89%	2	95	89	84	93	88	83	90	85	82	10.0	4.0	18.6	55°	17,514			
25°	0° - 90°	799	100%	3	85	78	72	83	77	72	81	75	70	12.0	2.8	22.3	65°	13,141			
35°	90° - 180°	0	0%	4	76	68	62	75	68	62	73	66	61	14.0	2.1	26.0	75°	6,311			
45°	0° - 180°	799	100%	5	69	61	55	68	60	54	66	59	54				85°	0			
55°		125		6	63	54	49	62	54	48	60	53	48	Beam Angle: 85.8°							
65°		69		7	57	49	43	56	49	43	55	48	43	Field Angle: 141.6°							
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								

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



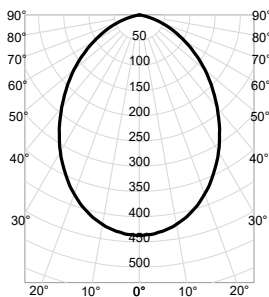
CP Summary				Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)
								pf		80%		20%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°	Zone	Lumens	% Fixture	pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	0° - 30°	287	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	Beam Angle: 85.8°							
65°		68		7	57	49	43	56	49	43	55	48	43	Field Angle: 141.6°							
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								

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



CP Summary				Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)
								pf		80%		20%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°	Zone	Lumens	% Fixture	pc	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	Beam Angle: 85.8°							
65°		71		7	57	49	43	56	49	43	55	48	43	Field Angle: 141.6°							
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								

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

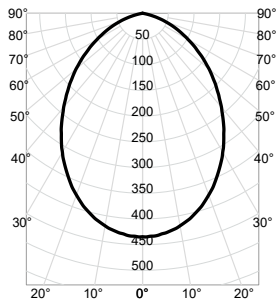


CP Summary				Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)
								pf		80%		20%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°	Zone	Lumens	% Fixture	pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	0° - 30°	314	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	Beam Angle: 85.8°							
65°		74		7	57	49	43	56	49	43	55	48	43	Field Angle: 141.6°							
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								



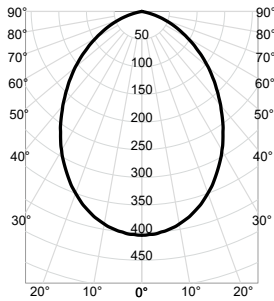
PHOTOMETRICS

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%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	0°			
					50%	30%	10%	50%	30%	10%	50%	30%	10%											
0°	435	0° - 30°	313	36%	0	119	119	119	116	116	116	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	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	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	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	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	Beam Angle: 85.8°			85°	0					
55°	134	Field Angle: 141.6°																						
65°	74																							
75°	22																							
85°	0																							
90°	0																							

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%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	0°			
					50%	30%	10%	50%	30%	10%	50%	30%	10%											
0°	405	0° - 30°	291	36%	0	119	119	119	116	116	116	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	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	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	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	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	Beam Angle: 85.8°			85°	0					
55°	125	Field Angle: 141.6°																						
65°	69																							
75°	20																							
85°	0																							
90°	0																							