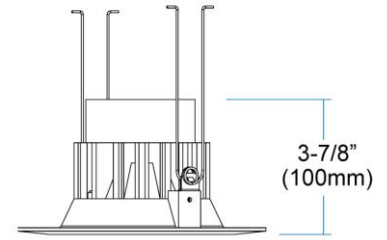
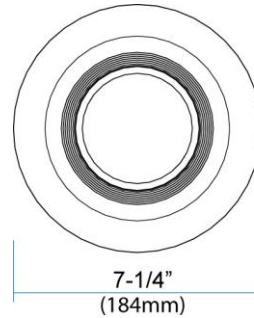




# RLR-5612-xx

5" & 6" LED RETROFIT MODULE  
LED RECESSED DOWNLIGHTS

Type	
Project	
Catalog No.	



### DESCRIPTION

Easily convert any 5" or 6" incandescent recessed downlights to the latest in LED technology without special tools or rewiring. Incorporating Jesco's exclusive Driverless AC LED technology and patent pending inrush current protection the high lumen 12.8 W COB produces a similar light output to that of a 65W PAR 38 or 23W CFL. Our LED retrofit module operates directly from an AC source eliminating the need for an additional driver. The unit is provided with a detachable E26 Base adapter that attaches into an existing E26 incandescent or optional GU24 socket. These lights are suitable for use in either IC/airtight or non-IC applications and in wet, damp or dry environments. Designed for use with all of JESCO's 5" and 6" housings (including shallow), also ETL classified for most competitor housings currently on the market. Can be dimmed by most standard incandescent, electronic or magnetic low voltage and CFL/LED dimmers. Without the need for the traditional LED driver, you can expect years of reliable and energy saving service.

### FEATURES

- 910 lm from 12.8W
- High CRI of 80+ (90 available \*\*\*)
- Available in 2700K, 3000K and 4000K
- Advanced heat sink provides superior thermal management for 50,000 hours of operation with 70% lumen maintenance
- Patent pending inrush current protection
- Unique impact resistant polycarbonate lenses provides uniform light output with lamp-like appearance
- Dimmable 10-100% with most leading or trailing edge incandescent or low voltage dimmers
- Securely mounts into housing with torsion springs.
- Integrated die cast aluminum trim and heat sink
- Optional GU24 connector cable for fluorescent housings

### SPECIFICATIONS

<b>Model</b>	<b>RLR-5612-XX</b>
<b>Description</b>	LED Retrofit Module
<b>Input Voltage</b>	120 VAC 50/60Hz
<b>Wattage</b>	12.8W
<b>CCT</b>	2700K / 3000K / 4000K
<b>Lumens*</b>	910 lm
<b>Efficacy</b>	71 lm/W
<b>CRI</b>	80+
<b>Dimmable**</b>	10-100%: Triac, ELV, MLV, CFL/LED
<b>Beam Angle</b>	96.3°
<b>Lamp Life</b>	50,000 hours
<b>Dimensions</b>	See Dawing Above
<b>Environment</b>	Wet, Dry, Damp
<b>Certifications</b>	ETL Listed, ETL certified,  Intertek
<b>Warranty</b>	5 Years – see published warranty terms for detailed information.

\* Based on 4000K  
 \*\* Recommended - 45 fixtures maximum run on one 600W dimmer  
 - 23 fixtures maximum run on one 300W dimmer



\*\*\* contact factory

### ORDERING INFORMATION - 5" or 6" LED MODULE

<b>MODEL</b>	-	<b>SIZE</b>	-	<b>WATTAGE</b>	-	<b>CCT</b>	-	<b>TRIM Finish</b>
RLR	-	56 56 – 5 or 6 inch	-	12 12 – 12.8 Wattage	-	27- 2700K 30- 3000K 40- 4000K	-	WH/WH – White Baffle/White Trim

Example: RLR-5612-27-WH/WH



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 support@jescolighting.com  
 Tech Support: 855.592.0029

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Rev 2  
 7/30/2015

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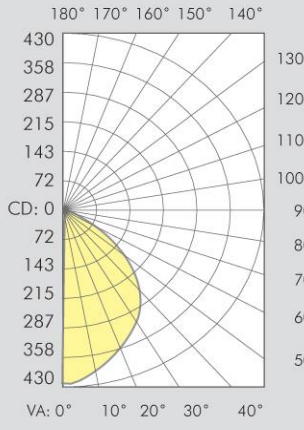
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**PHOTOMETRIC INFO (IES Files Available)**

**Polar Candela Distribution**



**Illuminance at a Distance**

	Center Beam FC	Beam Width
2.0ft	105.8 fc	4.5 ft
4.0ft	26.5 fc	8.9 ft
6.0ft	11.8 fc	13.4 ft
8.0ft	6.6 fc	17.9 ft
10.0ft	4.2 fc	22.3 ft
12.0ft	2.9 fc	26.8 ft

Beam Spread: 96.3°

**Coefficients Of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance: 20%

RC % RW % RCR	80				70				50				30				10				0
	70	50	30	0	70	50	30	0	50	30	20	100	50	30	20	106	50	30	20	102	100
0	119	119	119	119	116	116	116	100	100	100	100	100	106	106	106	106	102	102	102	102	100
1	111	107	103	100	108	104	101	88	100	98	95	95	96	94	92	92	93	91	90	90	88
2	102	95	89	84	99	93	88	77	90	85	81	81	86	83	79	79	83	80	78	78	76
3	94	85	78	72	92	83	77	67	80	75	70	70	78	73	69	69	75	71	68	68	66
4	87	76	68	62	85	75	67	59	72	66	61	61	70	65	60	60	68	63	59	59	57
5	80	68	60	54	78	67	60	52	65	59	53	53	63	58	53	53	62	57	52	52	50
6	74	62	54	48	73	61	53	46	59	53	47	47	58	52	47	47	56	51	47	47	45
7	69	57	48	43	68	56	48	42	54	47	42	42	53	47	42	42	52	46	42	42	40
8	65	52	44	38	63	51	44	38	50	43	38	38	49	42	38	38	48	42	38	38	36
9	60	48	40	35	59	47	40	34	46	39	35	35	45	39	34	34	44	38	34	34	32
10	57	44	37	32	56	44	36	31	43	36	32	32	42	36	31	31	41	35	31	31	30

**Zonal Lumen Summary**

Zone	Lumens	% Lamp	% Luminaire
0-30	306.6	34.3%	34.6%
0-40	492.6	55.0%	55.0%
0-60	803.1	89.7%	89.7%
0-90	894.9	100.0%	100.0%

**Lumens Per Zone**

Zone	Lumens	% Total LU	Zone
0-10	39.3	4.4%	90-100
10-20	108.5	12.1%	100-110
20-30	158.8	17.7%	110-120
30-40	186.0	20.8%	120-130
40-50	181.4	20.3%	130-140
50-60	129.1	14.4%	140-150
60-70	62.7	7.0%	150-160
70-80	23.4	2.6%	160-170
80-90	5.8	0.7%	170-180



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**COMPATIBLE JESCO LINE VOLTAGE HOUSINGS**

MODEL	DESCRIPTION	
RS6000B	6" Line Voltage New Construction	
RS6000BA		
RS6000BIC		
RS6000ICA		
RS6000ICS		
RS5500BA	5" Line Voltage New Construction	
RS5500BICA		
RS6000R	6" Line Voltage Remodel	
RS6000RA		
RS6000RIC		
RS6000RICA		
RS6000RSR		
RS5500R	5" Line Voltage Remodel	
RS5500RICA		

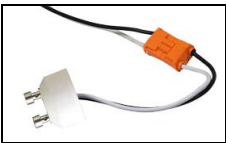
**OTHER COMPATIBLE LINE VOLTAGE HOUSINGS**

- HALO** H7ICAT, H7RICAT, H7ICT, H7RICT, H7ICATNB, H7ICTNB, H7T, H7RT, H7TNB, H7TCP, H7UICAT, H7UICAT, H27ICAT, H27RICAT, H27ICT, H27RICT, H27T, H27RT
- ALL-PRO** E1700AT, E1700RAT, E700ATNB, E1700, E1700R, E1700ATNB, E1700NB, ET700, ET700R, E1700U, E1700UAT, E2700AT, E12700, E12700R, ET2700, ET2700R
- JUNO** IC22, IC22R, IC22W, IC22S, IC23, IC23W, IC21, IC21R, TC2, TC2R, IC20, IC20R, TC20, TC20R
- CAPRI** CR1, PR1, QL1, R9ASIC
- LITHONIA** L7X, L7XP
- THOMAS** PS1, R9ASIC/PS9RM
- PRESCOLITE** IBXS

**COMPATIBLE DIMMERS**

MANUFACTURER	STYLE	MODEL NUMBER	TYPE
<b>Lutron</b>	Diva	DVCL-153P	(CFL/LED)
	Diva	DVELV-303P	(Electronic Low Voltage)
	Diva	DVLV-600P	(Magnetic Low Voltage)
	Maestro	MACL-153M	(CFL/LED)
	Maestro	MFR2-6DN-120	(Spec Grade)
	Skylark	SELV-300P	(Electronic Low Voltage)
	Skylark	S-600	(Incandescent)
	Skylark Contour	CTCL-153P	(CFL/LED)
<b>Leviton</b>	Acenti	Ate06-1LW	(Electronic Low Voltage)
	Trimatron	705	(Incandescent)
<b>Cooper</b>	Devine	D106P	(Incandescent/Magnet/Low Voltage)
<b>Pass &amp; Seymour</b>	Harmony		(Incandescent 600W)

**ACCESSORIES**



**AC-GU24/CONN**  
Optional GU24 Socket Adaptor



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