MaxLite®

PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

LED 10W Commercial, Recessed, Retrofit Downlight

RRC Series



Product Description

The RRC family of LED Downlight retrofits is a highly efficient option for upgrading existing Incandescent, Fluorescent and Metal Halide downlight fixtures to energy saving LED. The highly efficient design allows users to capture energy savings while also gaining the benefit of dimming. Compatible with many architectural and commercial downlight housings this retrofit can be used in most downlight applications. Suitable for Damp locations.

Features

- Trade Agreements Act (TAA) compliant
- Mounts into existing recessed frame
- Supplied with optional retaining clips if existing frame does not have adequate friction springs to secure reflector.
- cULus listed for damp location use
- 120V only (Triac Dimming)
- 0-10V Dimming (120-277V) Universal Voltage
- 0-10V dimming and Triac dimming drivers available
- CRI: >80
- A wide variety of CCTs available
- Integrated EM option available
- Type IC

Construction

- Anodized aluminum reflector with a white trim ordered separately
- External driver for easy retrofit and maintenance

How to Order

1. Choose the light engine for desired CCT and dimming requirements.
2. Ensure that the light engines you have selected is compatible with the reflector size required by your project.

Ordering Structure

FAMILY	LUMENS/WATTAGE	VOLTAGE	CCT**	DIMMING TYPE	EMERGENCY OPTION***
RRXC = Commercial Recessed Retrofit Downlight	***10 =** 900 lm @ 10 Watts	**U =** 120V (only) Triac Dimming 120-277V (0-10V Dimming***)	**27 =** 2700K **30 =** 3000K **35 =** 3500K **40 =** 4000K	**BLANK =** Triac Dimming **Z =** 0-10V Dimming	**BLANK =** None **EM =** Integrated EM Option w/ 0-10V dimming

*Additional wattages available. Please contact your MaxLite representative for more information on the entire RRC Series.
*EM models begin with RRXC12
*EM option not Energy Star qualified
** 2700K and 5000K only made to order
*** 120-277V (Universal Voltage) Available Only in 0-10V Model

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Specifications

	Engine: RRXC10U40Z Reflector: RRC4-RFL	Engine: RRXC10U40Z Reflector: RRC6-RFL	Engine: RRXC10U40Z Reflector: RRC8-RFL	Engine: RRXC10U40Z Reflector: RRC9-RFL
Power Consumption (W)	9.6 W	9.6 W	9.6 W	9.6 W
Lumens Delivered (lm)	838 lm	882 lm	866 lm	880 lm
Efficacy (lm/W)	87 lm/W	92 lm/W	90 lm/W	92 lm/W
Color Temperature	2700K, 3000K, 3500K, 4000K			
L70 Lifetime (hours)	50,000			
Color Consistency	Proprietary binning for uniform color, SDCM <4			
CRI	>80			
Power Factor	≥0.9			
Input Voltage	120-277V (Triac 120V only)			
Compatible Dimmers	Compatible with 0-10V dimmers. For Triac dimming option, see list of compatible dimmers below.			
Weight	2 lbs			
Mounting	Mounts into existing recessed frame			
Operating Temperature	0ºF – 104ºF			
Humidity	20% - 85% RH, non-condensing			
Certification	cULs Classified, FCC, TAA Compliant			
Material Usage	RoHS compliant; no mercury			
Environment	Indoor Damp/ Type IC			
Warranty	1 Year warranty. Check maxlite.com/warranties for details.			

* CAUTION: A light engine should only be used with a reflector that is listed as compatible. Any other engine/reflector pairing is not covered by this product's UL Listing, and could be hazardous!
* Calculated data for 4000K light engines

Compatible Triac Dimmers

ORDER CODE	ITEM NUMBER
Lutron	DVA DVELV
	LGCL-153P
	S-600P
	DVCL-253P
	DV-600P
	SCL-153P
	SELV-300P
	IPL06
	6673-P

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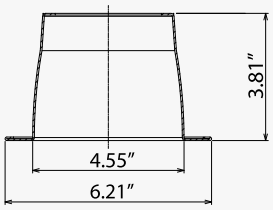
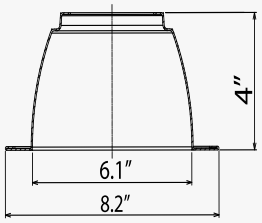
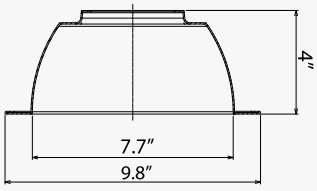
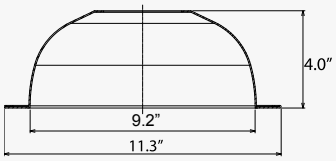
Engine Ordering Information

ORDER CODE	ITEM NUMBER		
1410045	RRXC10U30	3000K	TRIAC
14099678	RRXC10U35	3500K	
1410048	RRXC10U40	4000K	
1410046	RRXC10U30Z	3000K	0-10V
100351	RRXC10U35Z	3500K	
1410049	RRXC10U40Z	4000K	
14099670	RRXC12U30ZEM	3000K	
14099671	RRXC12U35ZEM	3500K	
14099672	RRXC12U40ZEM	4000K	

Reflector Ordering Information



Heatsink adds 1 1/2" to overall height

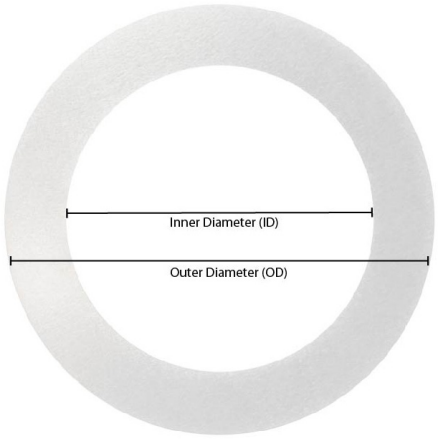
ORDER CODE	REFLECTOR ITEM NUMBER	REFLECTOR SIZE	DIMENSIONS
1410090	RRC4-RFL	4"	
1410091	RRC6-RFL	6"	
1410092	RRC8-RFL	8"	
1410093	RRC9-RFL	9"	

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Accessories

ORDER CODE	REFLECTOR ITEM NUMBER	REFLECTOR SIZE	DIMENSIONS
14099683	RR-XRING4	4” Trim Extender ID:4.80”, OD: 6.70”	
14099684	RR-XRING6	6” Trim Extender ID:6.24”, OD: 8.75”	
14099685	RR-XRING8	8” Trim Extender ID:7.84”, OD: 10.40”	
14099686	RR-XRING9	9” Trim Extender ID:9.50”, OD: 11.90”	
14098874	RCF-4	4” Commercial Recessed Frame	
14098875	RCF-6	6” Commercial Recessed Frame	
14098876	RCF-8	8” Commercial Recessed Frame	

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