

Project Name

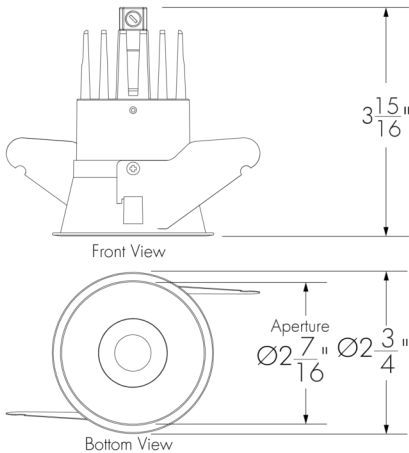
Qty

Type

Catalog / Part Number



RP1R, RP2R Housings Shown



RP1R Housing Shown

Photometric Summary

Consult the Photometric Information section of the Specification Sheet for 3000K CRI 92 data. For all other configurations, consult IES files on the Lumenpulse website.

Color and Color Temperature



Color Rendering

CRI 92 CRI 98

Control

ON/OFF 0-10V Phase Dimming

Fixture Finish



Trim Finish



Description

The REVO PIN Small utilizes Exenia's cross-optic design, which minimizes glare with UGR <10. This keeps the fixture quiet in the ceiling even when using wider beam spreads. This cross-optic, along with thermal management, allows maximum performance in the smallest fixtures. With color consistency within 2-step Macadams and CRI above 95, REVO optical systems create clear, clean light that emphasizes visual comfort and produces an outstanding quality of light.

Features

Output (Nominal Lumens)	L02: 200 lm L04: 400 lm L05: 500 lm L07: 700 lm L10: 1000 lm
Color and Color Temperature	27K: 2700K 30K: 3000K 35K: 3500K 40K: 4000K
Fixture Finish	MWH: Matte White MBK: Matte Black CGY: Concrete Grey GTX: Gold Txt CTX: Copper Txt
Trim Finish	TMWH: Matte White TMBK: Matte Black TCGY: Concrete Grey TGTX: Gold Txt TCTX: Copper Txt
Optic (Nominal Distribution)	S: Spot 15° NF: Narrow Flood 25° FL: Flood 35° WFL: Wide Flood 40°

Trim Shape



Round



Square

Certifications



Installation Type	RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated) NC: New Construction Non-Insulated Ceiling (Non-Plenum Rated) IC: Insulation Contact Mounting (Can be Used for Plenum Contact, and Air-Tight Mounting Box Applications)
Warranty	5-year limited warranty
Performance	
Maximum Delivered Output	Up to 600 lm (one fixture head, MWH Fixture Finish, L05, CRI 92, 40K, NF and FL)
Maximum Delivered Intensity	4,934 cd at nadir (one fixture head, MWH Fixture Finish, L05, CRI 92, 40K, S)
Efficacy	Up to 130 lm/W (one fixture head, MWH Fixture Finish, L02, CRI 92, 40K, NF and FL)
Color Rendering	92: CRI 92 98: CRI 98
Color Consistency	2 SDCM
Lumen Maintenance	L70 120,000 hours L95 19,000 hours
UGR	Optical configurations available to achieve <10 UGR. See IES files for performance data based on exact configurations.
Physical	
Housing Material	Die cast aluminum
Optics Material	Polymethyl methacrylate (PMMA)
Cutout	RP1R Housing: Round shape, Ø2.5 inches (Ø64mm) RP1S Housing: Square shape, 3 inches (76mm) RP2R Housing: Oblong shape, Length 5.8125 inches (148 mm), radius 1.5 inches (38.5mm) RP2S Housing: Rectangular shape, Length 5.8125 inches (148 mm), Width 3 inches (77mm) See installation instructions for details
Ceiling Thickness	0.03 in to 1 in
Weight	RP1R Housing: 0.49 lbs (fixture only) RP1S Housing: 0.73 lbs (fixture only) RP2R and RP2S Housings: 1.37 lbs (fixture only) 0.77 lbs (RM Installation Type only) 1.65 lbs (NC Installation Type only) 5.07 lbs (IC Installation Type only) For total weight, combine weight of fixture and weight of installation type
Electrical and Control	
Voltage	120/277: 120/277 Volts
Wattage Range	2.4 to 10 Watts
Control	NO: On/Off Control DIM: 0-10V Dimming 1% PH: Phase Dimming 1%

Environmental

Ingress Protection Rating	IP40
Environment	Damp location (interior applications only)
Operating Temperature (Ceiling Cavity Ambient Temperature)	14 °F to 104 °F

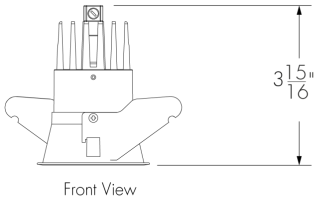
Important

Virtual Patent Marking Notice

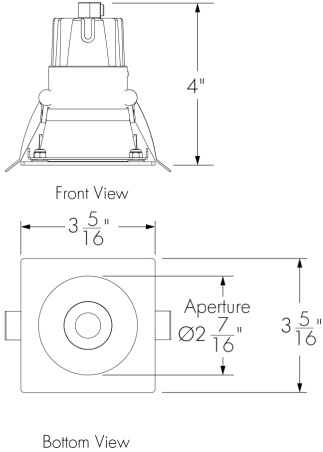
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Dimensions

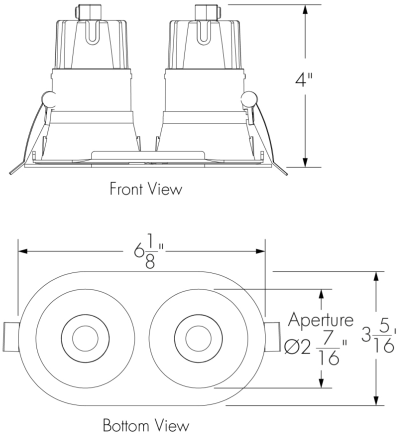
RP1R Housing



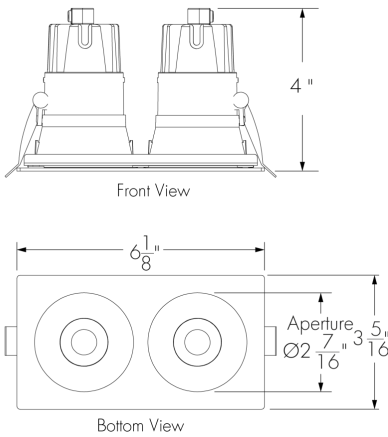
RP1S Housing



RP2R Housing

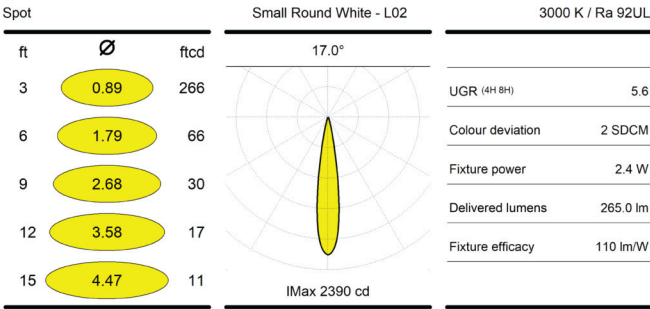


RP2S Housing

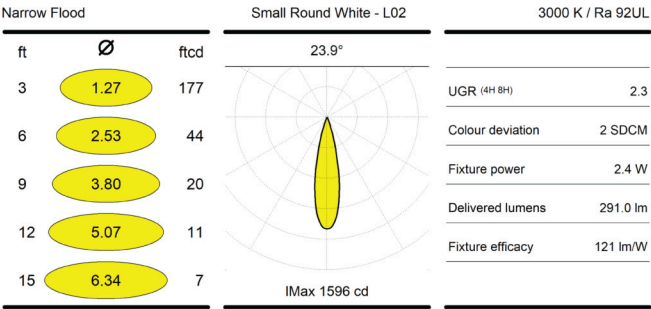


Photometric Information - 1X Round (Matte White Fixture Finish)

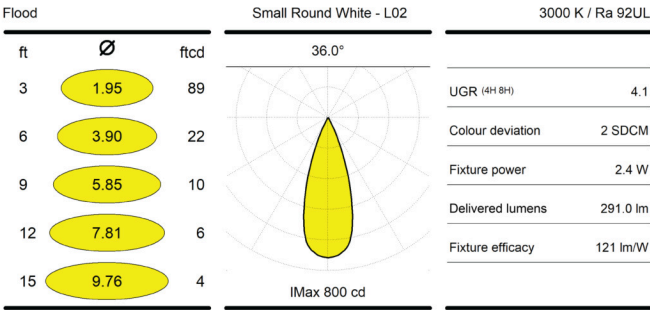
Spot, L02, 3000K, CRI 92



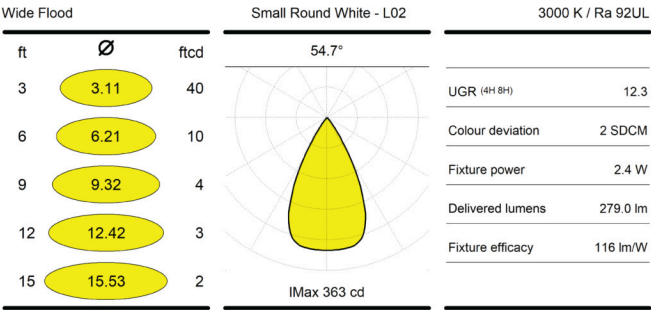
Narrow Flood, L02 3000K, CRI 92



Flood, L02, 3000K, CRI 92

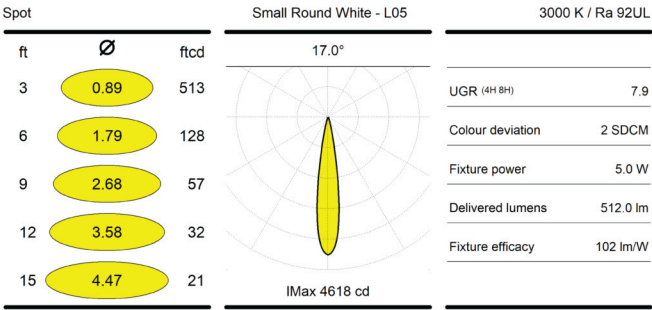


Wide Flood, L02, 3000K, CRI 92

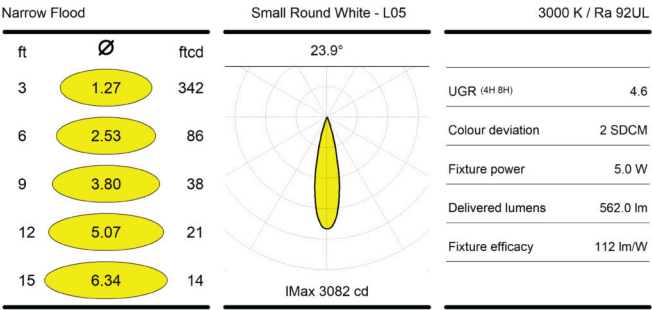


The photometric data shown is for one fixture head.
For all other configurations, consult IES files on the Lumenpulse website.

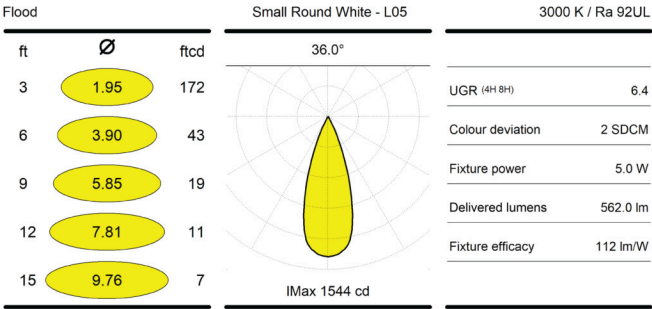
Spot, L05, 3000K, CRI 92



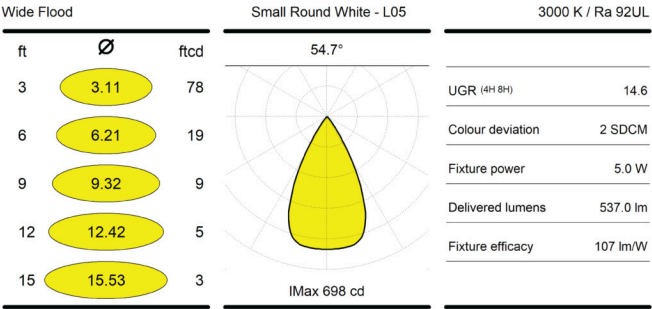
Narrow Flood, L05, 3000K, CRI 92



Flood, L05, 3000K, CRI 92



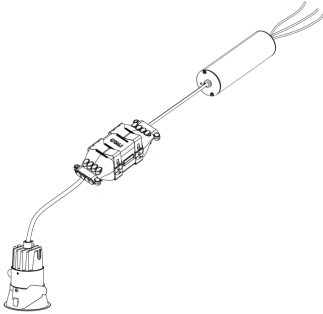
Wide Flood, L05, 3000K, CRI 92



The photometric data shown is for one fixture head.
For all other configurations, consult IES files on the Lumenpulse website.

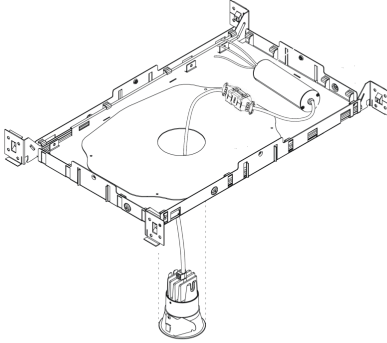
Installation Types - 1x

RM: Remodel Non-Insulated Ceiling
(Non-Plenum Rated)



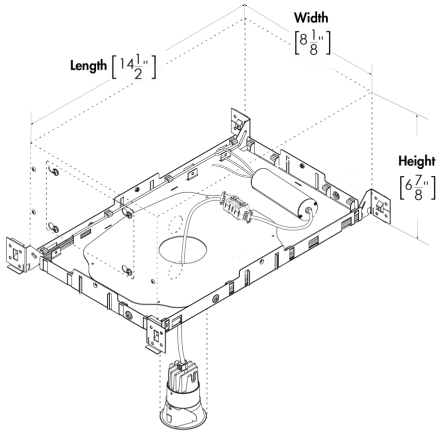
REVO PIN Small (RP1R, RP1S)

NC: New Construction Non-Insulated Ceiling
(Non-Plenum Rated)



REVO PIN Small (RP1R, RP1S)

IC: Insulation Contact Mounting



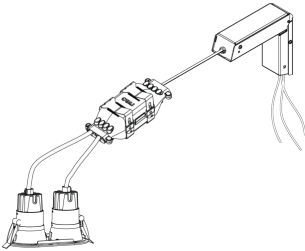
REVO PIN Small (RP1R, RP1S)

RP1R Housing Shown.

Refer to installation instructions for more details.

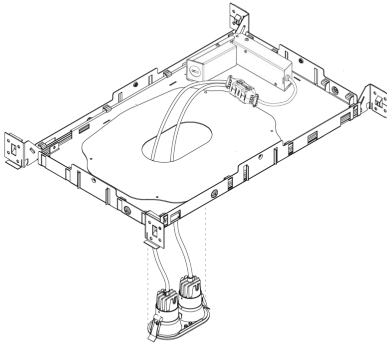
Installation Types - 2x

RM: Remodel Non-Insulated Ceiling
(Non-Plenum Rated)



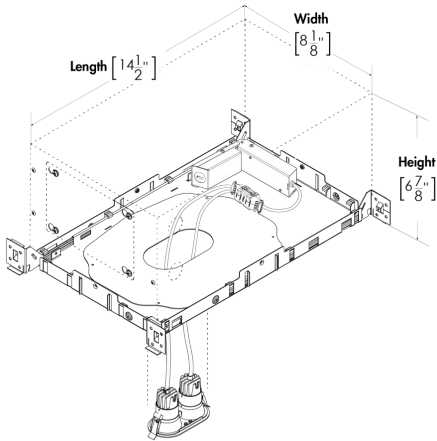
REVO PIN Small (RP2R, RP2S)

NC: New Construction Non-Insulated Ceiling
(Non-Plenum Rated)



REVO PIN Small (RP2R, RP2S)

IC: Insulation Contact Mounting



REVO PIN Small (RP2R, RP2S)

RP2R Housing Shown.

Refer to installation instructions for more details.

How to Order

Housing	Size	Voltage	Control	Output (Nominal Lumens)	Fixture Finish	Trim Finish ⁽¹⁸⁾	Color Rendering	Color and Color Temperature	Optic (Nominal Distribution)	Installation Type
RP1R REVO PIN 1x Round ⁽¹⁾ RP1S REVO PIN 1x Square ⁽¹⁾ RP2R REVO PIN 2x Round ⁽²⁾ RP2S REVO PIN 2x Square ⁽²⁾	SM Small	120/277 120/277 Volts	NO On/Off Control DIM 0-10V Dimming 1% PH Phase Dimming 1% ⁽³⁾	L02 200 lm L04 400 lm ⁽⁴⁾ ⁽⁵⁾ ⁽⁶⁾ L05 500 lm ⁽⁷⁾ L07 700 lm ⁽⁸⁾ L10 1000 lm ⁽⁹⁾	MWH Matte White ⁽¹⁰⁾ ⁽¹¹⁾ ⁽¹²⁾ MBK Matte Black ⁽¹³⁾ ⁽¹⁴⁾ ⁽¹⁵⁾ ⁽¹⁶⁾ ⁽¹⁷⁾ CGY Concrete Grey ⁽¹⁰⁾ ⁽¹¹⁾ ⁽¹²⁾ GTX Gold Txt ⁽¹⁰⁾ ⁽¹¹⁾ ⁽¹²⁾ CTX Copper Txt ⁽¹⁰⁾ ⁽¹¹⁾ ⁽¹²⁾	TMWH Matte White ⁽¹⁸⁾ TMBK Matte Black ⁽¹⁸⁾ TCGY Concrete Grey ⁽¹⁸⁾ TGTX Gold Txt ⁽¹⁸⁾ TCTX Copper Txt ⁽¹⁸⁾	92 CRI 92 98 CRI 98	27K 2700K 30K 3000K 35K 3500K 40K 4000K	S Spot 15° NF Narrow Flood 25° FL Flood 35° WFL Wide Flood 40°	RM Remodel Non-Insulated Ceiling (Non-Plenum Rated) NC New Construction Non-Insulated Ceiling (Non-Plenum Rated) IC Insulation Contact Mounting (Can be Used for Plenum Contact, and Air-Tight Mounting Box Applications)

Notes:

1. Available for L02, L04 and L05 lumen outputs only.

2. Available for L04, L05, L07 and L10 lumen outputs only.

3. Phase dimming (PH) is only compatible with 120V power.

4. When RP1R or RP1S housing is combined with L04 lumen output and MBK finish, only S optic can be specified.

5. When RP1R, RP1S, RP2R or RP2S housing is combined with L04 lumen output, only MBK finish can be specified.

6. When RP2R or RP2S housing is combined with L04 lumen output and MBK finish, only S optic can be specified.

7. When L05 lumen output is combined with MBK finish, S optic is not available.

8. When RP2R or RP2S housing is combined with L07 lumen output, only S optic can be specified.

9. When RP2R or RP2S housing is combined with L10 lumen output, only NF, FL and WFL optics can be specified.

10. When RP1R or RP1S housing is combined with MWH, CGY, GTX or CTX finish, only L02 and L05 lumen outputs can be specified.
11. When RP2R or RP2S housing is combined with MWH, CGY, GTX or CTX finish, and NF, FL or W optic, only L05 and L10 lumen outputs can be specified.

12. When RP2R or RP2S housing is combined with MWH, CGY, GTX or CTX finish, and S optic, only L05 and L07 lumen outputs can be specified.

13. When RP1R or RP1S housing is combined with L04 lumen output, only MBK finish can be specified.

14. When RP1R or RP1S housing is combined with MBK finish, and S optic, only L02 and L04 lumen outputs can be specified.

15. When RP1R or RP1S housing is combined with MBK finish, and NF, FL or WFL optic, only L02 and L05 lumen outputs can be specified.

16. When RP2R or RP2S housing is combined with MBK finish, and NF, FL or WFL optic, only L05 and L10 lumen outputs can be specified.

17. When RP2R or RP2S housing is combined with MBK finish, and S optic, only L04 and L07 lumen outputs can be specified.

18. Available for RP1S, RP2R and RP2S housings only.