

Project Name

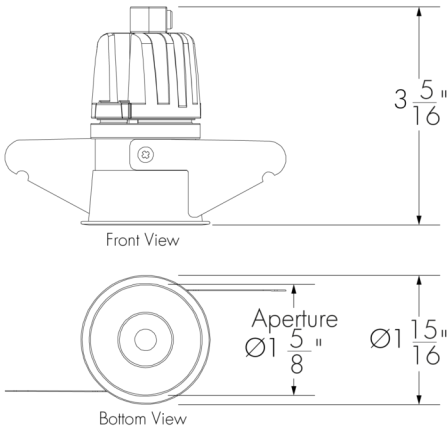
Qty

Type

Catalog / Part Number



RP1R, RP2R, PR4R 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 Mini 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

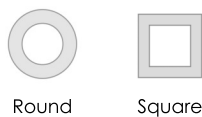
Output (Nominal Lumens)	L02:	200 lm
	L03:	300 lm
	L04:	400 lm
	L05:	500 lm
	L07:	700 lm
	L10:	1000 lm
	L13:	1300 lm

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

Trim Shape



Certifications



Optic (Nominal Distribution)	S: Spot 15° NF: Narrow Flood 25° FL: Flood 35° WFL: Wide Flood 40°
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 462 lm (one fixture head, MWH Fixture Finish, L04, CRI 92, 40K, NF)
Maximum Delivered Intensity	3,440 cd at nadir (one fixture head, MWH Fixture Finish, L04, CRI 92, 40K, S)
Efficacy	Up to 113 lm/W (one fixture head, MWH Fixture Finish, L03, CRI 92, 40K, NF)
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, Ø1.75 inches (Ø44mm) RP1S Housing: Square shape, Ø2.25 inches (57mm) RP2R Housing: Oblong shape, Length 4.3125 inches (110 mm), radius 1.125 inches (28.5mm) RP2S Housing: Rectangular shape, Length 4.3125 inches (110 mm), Width 2.25 inches (57mm) RP4R Housing: Oblong shape, Length 8.375 inches (212 mm), radius 1.125 inches (28.5mm) RP4S Housing: Rectangular shape, Length 8.375 inches (212 mm), Width 2.25 inches (57mm) See installation instructions for details
Ceiling Thickness	0.03 in to 1 in

Weight	RP1R Housing: 0.33 lbs (fixture only) RP1S Housing: 0.55 lbs (fixture only) RP2R and RP2S Housings: 0.95 lbs (fixture only) RP4R and RP4S Housings: 1.76 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
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Electrical and Control

Voltage	120/277: 120/277 Volts
Wattage Range	3 to 18 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

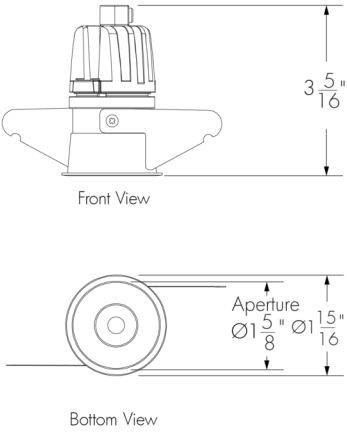
Important

Virtual Patent Marking Notice

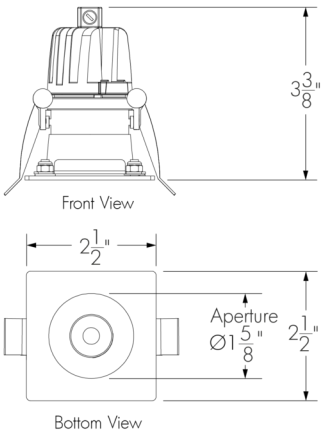
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Dimensions

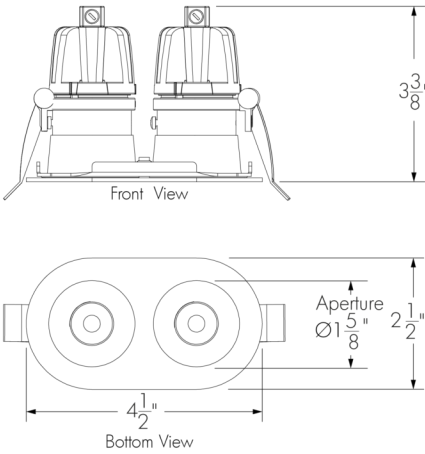
RP1R Housing



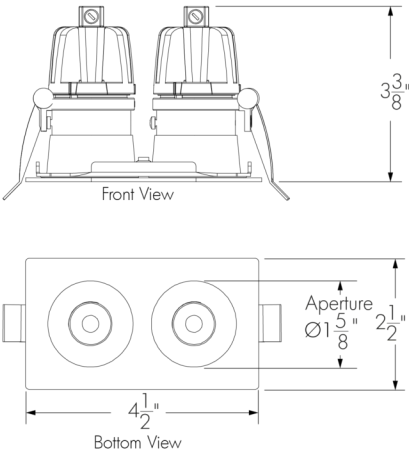
RP1S Housing



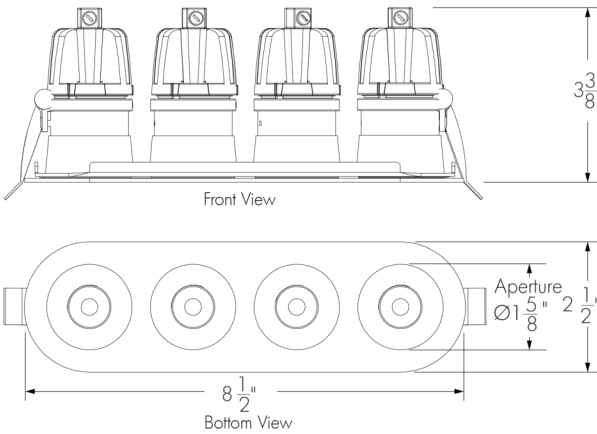
RP2R Housing



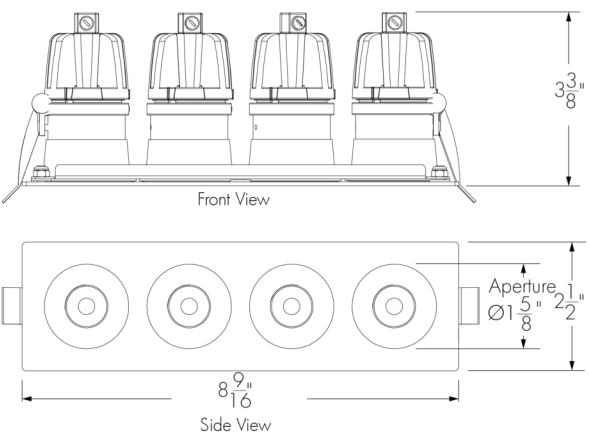
RP2S Housing



RP4R Housing

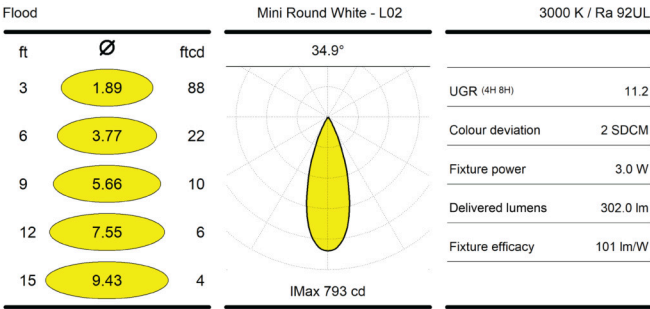


RP4S Housing

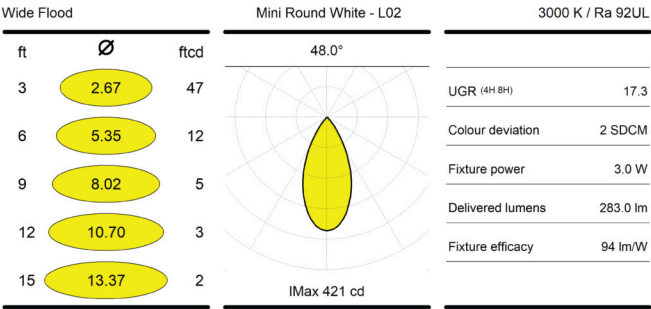


Photometric Information - 1X Round (Matte White Fixture Finish)

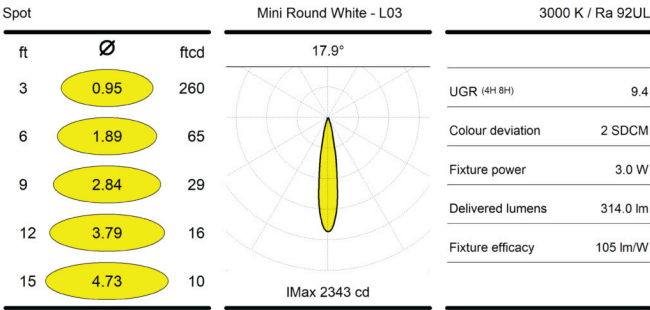
Flood, L02, 3000K, CRI 92



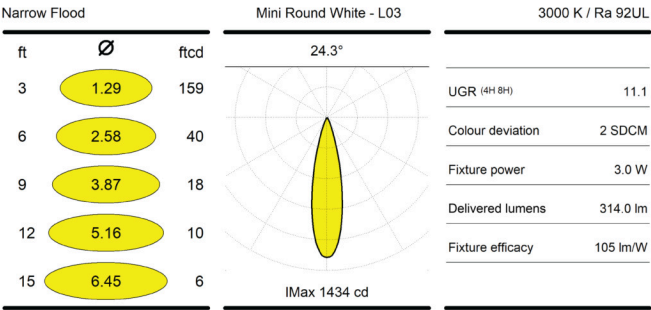
Wide Flood, L02, 3000K, CRI 92



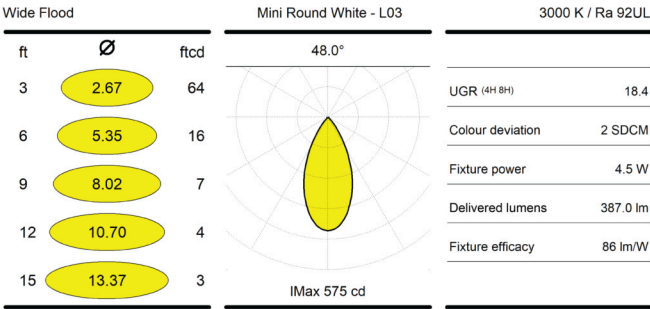
Spot, L03, 3000K, CRI 92



Narrow Flood, L03, 3000K, CRI 92



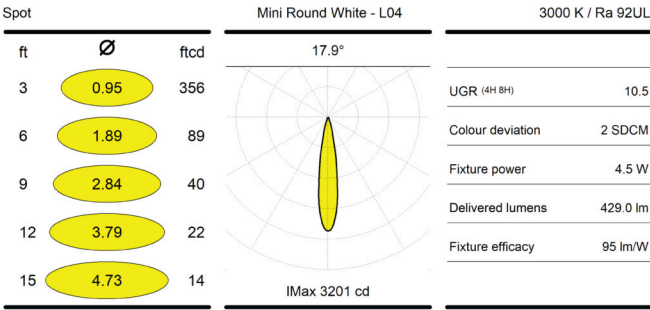
Wide Flood, L03, 3000K, CRI 92



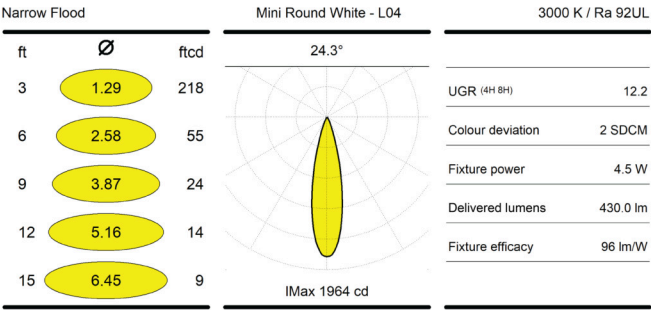
The photometric data shown is for one fixture head.

For all other configurations, consult IES files on the Lumenpulse website.

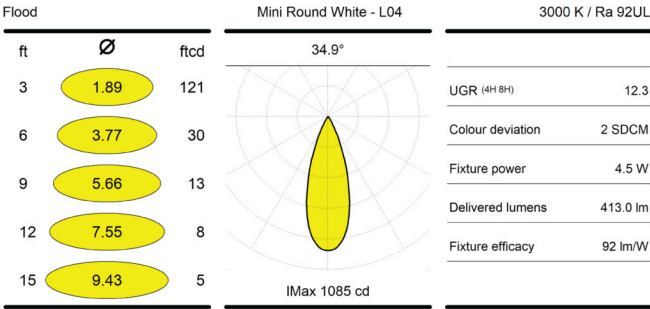
Spot, L04, 3000K, CRI 92



Narrow Flood, L04 3000K, CRI 92



Flood, L04, 3000K, CRI 92

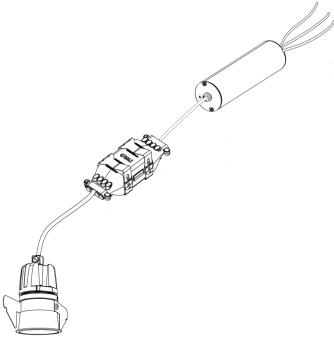


The photometric data shown is for one fixture head.

For all other configurations, consult IES files on the Lumenpulse website.

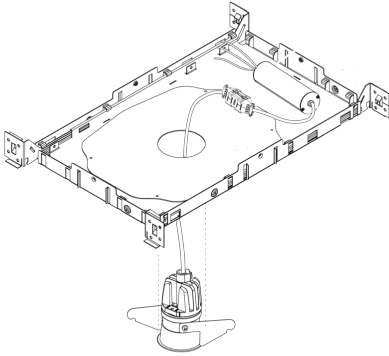
Installation Types - 1x

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



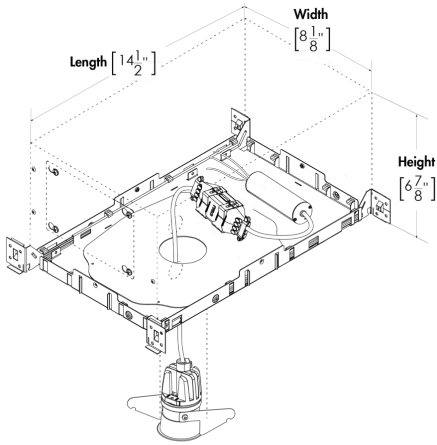
REVO PIN Mini (RP1R, RP1S)

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



REVO PIN Mini (RP1R, RP1S)

IC: Insulation Contact Mounting



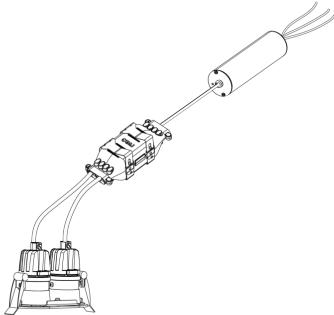
REVO PIN Mini (RP1R, RP1S)

RP1R Housing Shown.

Refer to installation instructions for more details.

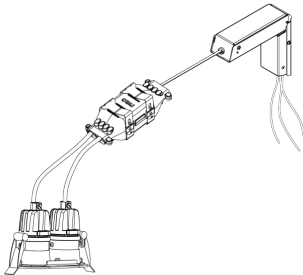
Installation Types - 2x

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



REVO PIN Mini (RP2R and RP2S for S, NF, FL and WFL Optics with L07 Lumen Output)

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

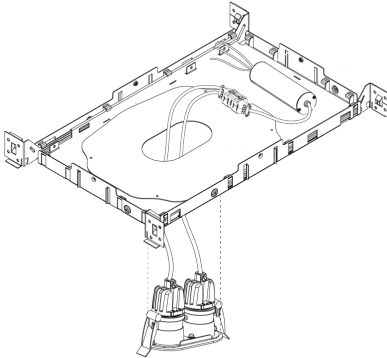


REVO PIN Mini (RP2R and RP2S for S, NF, FL and WFL Optics with L05 Lumen Output)

RP2R Housing Shown.

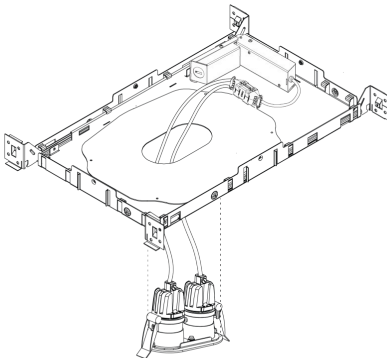
Refer to installation instructions for more details.

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



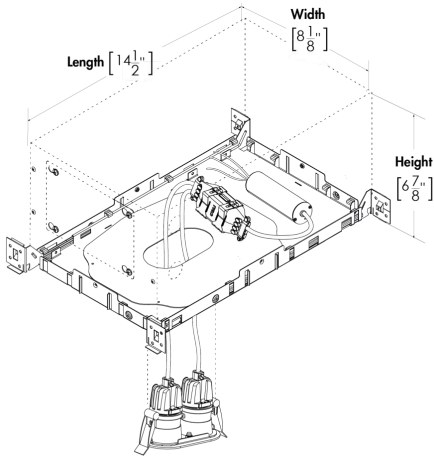
REVO PIN Mini (RP2R and RP2S for S, NF, FL and WFL Optics with L07 Lumen Output)

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



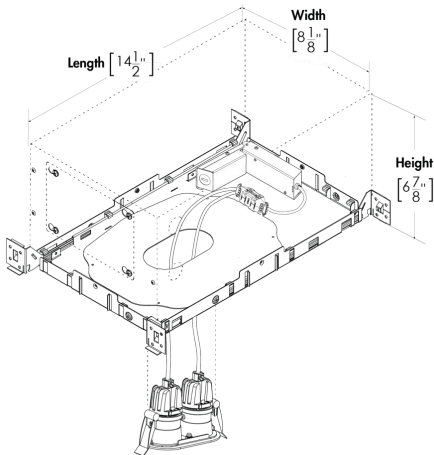
REVO PIN Mini (RP2R and RP2S for S, NF, FL and WFL Optics with L05 Lumen Output)

IC: Insulation Contact Mounting



REVO PIN Mini (RP2R and RP2S for S, NF, FL and WFL Optics with L07 Lumen Output)

IC: Insulation Contact Mounting



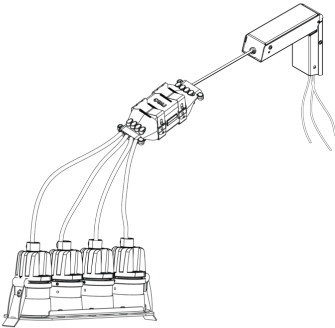
REVO PIN Mini (RP2R and RP2S for S, NF, FL and WFL Optics with L05 Lumen Output)

Installation Types - 4x

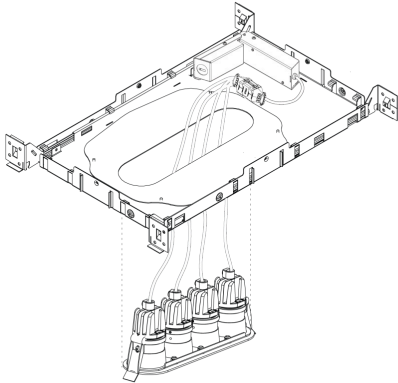
RM: Remodel Non-Insulated Ceiling
(Non-Plenum Rated)

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

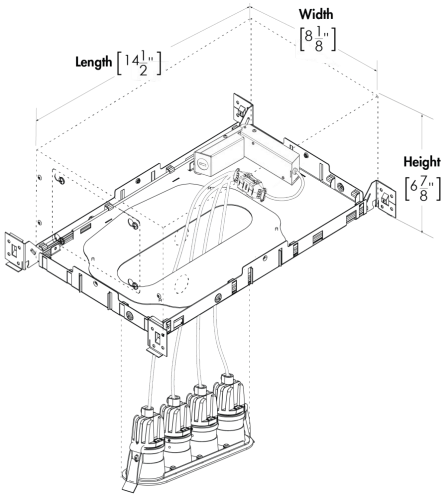
IC: Insulation Contact Mounting



REVO PIN Mini (RP4R, RP4S)



REVO PIN Mini (RP4R, RP4S)



REVO PIN Mini (RP4R, RP4S)

RP4R Housing Shown.

Refer to installation instructions for more details.

How to Order

Housing	Size	Voltage	Control	Output (Nominal Lumens)	Fixture Finish	Trim Finish ⁽⁹⁾	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⁾ RP4R REVO PIN 4x Round ⁽³⁾ RP4S REVO PIN 4x Square ⁽³⁾	MI Mini	120/277 120/277 Volts	NO On/Off Control DIM 0-10V Dimming 1% PH Phase Dimming 1% ⁽⁴⁾	L02 200 lm L03 300 lm L04 400 lm L05 500 lm L07 700 lm L10 1000 lm L13 1300 lm	MWH Matte White ⁽⁵⁾ ⁽⁶⁾ MBK Matte Black ⁽⁷⁾ ⁽⁸⁾ CGY Concrete Grey ⁽⁵⁾ ⁽⁶⁾ GTX Gold Txt ⁽⁵⁾ ⁽⁶⁾ CTX Copper Txt ⁽⁵⁾ ⁽⁶⁾	TMWH Matte White ⁽⁹⁾ TMBK Matte Black ⁽⁹⁾ TCGY Concrete Grey ⁽⁹⁾ TGTX Gold Txt ⁽⁹⁾ TCTX Copper Txt ⁽⁹⁾	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° ⁽¹⁰⁾	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, L03, and L04 lumen outputs only.

2. Available for L05 and L07 lumen outputs only.

3. Available for L10 and L13 lumen outputs only.

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

5. When RP1R or RP1S housing is combined with L02 lumen output and finish MWH, CGY, GTX or CTX, S and NF optics cannot be specified.
6. When RP1R or RP1S housing is combined with L03 lumen output and finish MWH, CGY, GTX or CTX, FL optic cannot be specified.

7. When RP1R or RP1S Housing is combined with L02 lumen output and MBK finish, FL Optic cannot be specified.

8. When RP1R or RP1S housing is combined with L03 lumen output and MBK finish, S and NF optics cannot be specified.

9. Available for RP1S, RP2R, RP2S, RP4R, RP4S housings only.

10. When RP1R or RP1S Housing is combined with L04 lumen output, WFL optic cannot be specified.