

# LUNA PRO 3.5" MULTIPLES

Square Trimless Multiples, up to 4335 Lumens, 7-16 Watts

Recessed Downlighting

## Features

### Body

Durable airtight aluminum body with heat sink to provide maximum airflow for the LED light source.

### LED Characteristics

This general application light fixture in 7 to 16 watt (per head) options that maintains uniform intensity producing up to 4335 lumens; with a typical CRI of 95. On-fixture color selectable switch allows switching between 2700 K, 3000 K, 3500 K, 4000 K and 5000 K color temperatures.

### Dimming

100%-10% dimming capability. This fixture is compatible with industry standard forward-phase / reverse-phase and TRIAC/ELV dimmers. 0-10V dimming capability available with commercial driver (see dimming compatibility list).

### Beam Spread

The fixture lens provides 20°, 30°, 40° and 60° beam spread options.

### Mounting

Trimless mudding frame with included mud stopper to attach to drywall ceilings. Maximum ceiling thickness 1 1/8".

### LED Driver

Extruded aluminum hardwire box with dimmable class II electronic LED driver with 100-135V AC input. Includes an 18" FT6 rated cable with DC 2.1 connector between driver and fixture approved for use in plenums and suspended ceilings. Other optional drivers available.

### Quick Connect push-in Terminals

Three "Quick Connect" push-in terminals for fast and easy wiring.

### Minimum Starting Temperature

-40°C (-40°F)

### Environment

- Suitable for damp locations
- Approved for direct contact with insulation
- Airtight

## SPECIFICATION

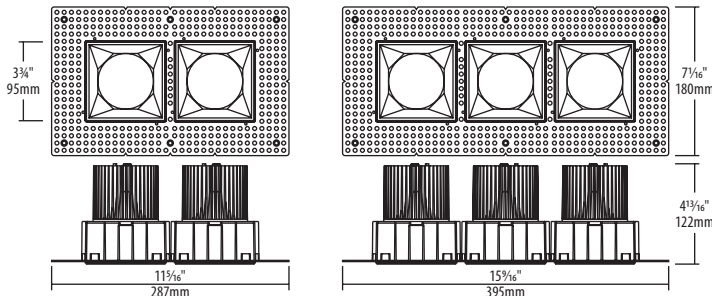
|                        |                                   |
|------------------------|-----------------------------------|
| Aperture               | 3 1/2" (90mm)                     |
| Application            | Trimless                          |
| Approved Location      | Damp                              |
| Certification          | cETLus                            |
| CRI                    | 95                                |
| CCT                    | 2700 K - 5000 K (CCT switch)      |
| Dimming                | 1% (Standard) <sup>5</sup>        |
| Hole Cut (2-Light)     | 8 1/2" x 4 1/4"<br>216mm x 108mm  |
| Hole Cut (3-Light)     | 12 3/4" x 4 1/4"<br>324mm x 108mm |
| Lumen Maintenance      | 70% @ 50,000 hrs                  |
| Max. Ceiling Thickness | 1 1/8"                            |
| Power Factor           | 0.9                               |
| Power Supply Type      | Constant Current                  |
| THD                    | <35%                              |
| Title 24               | Yes                               |
| TM-30 Annex E          | P1 / V- / F2                      |
| Warranty               | Lifetime                          |
| Wattage (per head)     | 7W / 9W / 12W / 16W               |



## Description

The LUNA PRO 3.5" series boasts a sleek modern look in square trimless and baffle color combinations. In addition, choose between 7-16W per head options with 2700 K - 5000 K color select switch. The regressed optics and various beam angles provide an intentional true trimless finish in your architectural space.

## Technical Drawings



## Ordering Guide

|                                                                                    | Wattage <sup>1</sup>                                                                                                     | Color Temp                                                                      | Style                                                                                                      | Baffle shape                                                                                                  | Beam                                                                                                 | Lens Options                                                                                                                                           | Driver Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No. of lights                            | Baffle Color                                                                                               | Mounting                                                                                            | Shipping                                                   |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| <b>RA35P-</b>                                                                      |                                                                                                                          |                                                                                 |                                                                                                            |                                                                                                               |                                                                                                      |                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                                                                                            |                                                                                                     |                                                            |
|  | <b>07</b> : 7W, 560 lumens<br><b>09</b> : 9W, 720 lumens<br><b>12</b> : 12W, 1000 lumens<br><b>16</b> : 16W, 1300 lumens | <b>C</b> : 5 CCT (2700K - 5000K)<br><b>D</b> : DTW (2000K - 3000K) <sup>9</sup> | <b>T</b> : Trimless<br><b>Precision Pro Trimless</b><br><b>1</b> : 1/2" Drywall<br><b>5</b> : 3/4" Drywall | <b>S</b> : Round-on-Square<br><b>Q</b> : Square-on-Square <sup>4</sup><br><b>1</b> : Wall Wash <sup>6,7</sup> | <b>S</b> : Spot (20°)<br><b>N</b> : Narrow (30°)<br><b>M</b> : Medium (40°)<br><b>W</b> : Wide (60°) | <b>2</b> : Softening<br><b>C</b> : Clear <sup>10</sup><br><b>A</b> : Honeycomb + Softening <sup>11</sup><br><b>B</b> : Honeycomb + Clear <sup>11</sup> | <b>T</b> : 120V Standard, TRIAC/ELV <sup>3</sup><br><b>P</b> : 120-277V, Commercial, 0-10V <sup>3</sup><br><b>C</b> : 120-347V, Commercial, 0-10V <sup>2,3,8</sup><br><b>M</b> : 120-277V, Emergency Backup, 0-10V <sup>5</sup><br><b>E</b> : Lutron ECO, 120-277V input <sup>2,3</sup><br><b>D</b> : DALI, 120-277V & 347V input <sup>2,3</sup><br><b>X</b> : DMX, 120-277V <sup>2</sup><br><b>A</b> : Lutron Athena Wireless Node RF only (AWNRF) <sup>3</sup><br><b>L</b> : Leviton Intellect Wireless Controller <sup>3</sup><br><b>S</b> : 120-277V, 0-10V, 1% dimming <sup>3</sup><br><b>S</b> : 120-277V, TRIAC/ELV/0-10V <sup>3</sup> | <b>2</b> : 2-Light<br><b>3</b> : 3-Light | <b>W</b> : White<br><b>B</b> : Black<br><b>G</b> : Gold<br><b>P</b> : Specular<br><b>S</b> : Semi-Specular | <b>RM</b> : Remodel<br><b>NC</b> : New Construction<br><b>AR</b> : Architectural C-Channel Brackets | <b>1</b> : Ship Complete<br><b>2</b> : Ship Rough-in first |

### Notes:

<sup>1</sup> Wattage per head. <sup>2</sup> Requires above ceiling access or remote driver mounting <sup>3</sup> Rated for -40°C starting temperature. <sup>4</sup> Q Baffle Shape must be used with "S" beam angle. <sup>5</sup> Not available with 7W or 9W Wattage options. <sup>6</sup> Must be used with "W" beam angle. <sup>7</sup> Only available in "W", "B" and "S" Baffle Colors. <sup>8</sup> Not available in 7W. <sup>9</sup> Available in 20W only. <sup>10</sup> Not available with wall wash. <sup>11</sup> Not available with RQ baffle shape. QuickShip option is available on orders of 100 pieces or less. QuickShip lead time may vary for orders greater than 100 pieces. No additional shipment rates apply. Subject to availability. For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

## Accessories



### SLM-60-FC

60" Flexible connector, for use with SlimLED, Skye and Luna fixtures.



### P-RA35P-PLATE-3L

3 Lights trim/trimless new construction plate.



### P-RA35P-PLATE-3LNC

Assembled 3 Lights trim/trimless new construction plate.



### P-NCMK-1

New construction mounting kit. Includes hanger bars, brackets and screws.



### P-CBKT

2 commercial mounting brackets. For use in conjunction with mounting frames.



### P-RA35PS-MUDSTOP

Mud Stopper, Square.



### P-RA35P-HC-TL

Honeycomb louver.

NOTE: Not available with RQ baffle.



### LC-CRTL-3WAY-1

OnCloud Smart Wi-Fi 3-Way Switch, compatible with WiZ App.



### LC-CRTL-DIM-1

OnCloud Smart Wi-Fi dimmer, 120V, compatible with WiZ App.

## Baffle Options



### P-RA35PS-BAF-WH

Baffle, Square, White.



### P-RA35PS-BAF-SS

Baffle, Square, Semi-Specular.



### P-RA35PS-BAF-SP

Baffle, Square, Specular.



### P-RA35PS-BAF-GD

Baffle, Square, Gold.



### P-RA35PS-BAF-BK

Baffle, Square, Black.



### P-RA35PSS-BAF-WH

Baffle, Square/Square, White.



### P-RA35PSS-BAF-SS

Baffle, Square/Square, Semi-Specular.



### P-RA35PSS-BAF-SP

Baffle, Square/Square, Specular.



### P-RA35PSS-BAF-GD

Baffle, Square/Square, Gold.



### P-RA35PSS-BAF-BK

Baffle, Square/Square, Black.

## Minimum Dimming Levels

| Driver                    | Dimming   |
|---------------------------|-----------|
| (T) Standard, 120V        | 10% TRIAC |
| (P) Commercial, 120-277V  | 10% 0-10V |
| (C) Commercial, 120-347V  | 10% 0-10V |
| (E) Lutron ECO, 120-277V  | 10% 0-10V |
| (D) DALI, 120-277V & 347V | 1% DALI   |
| (X) DMX, 120-227V         | 0.1% DMX  |
| (A / L / O) 0-10V w/AUX   | 1% 0-10V  |

## Lumen Output Chart

| Correlated Color Temperature |         |       |       |       |       |         |       |       |       |       |
|------------------------------|---------|-------|-------|-------|-------|---------|-------|-------|-------|-------|
| Wattage per head             | 2-Light |       |       |       |       | 3-Light |       |       |       |       |
|                              | 2700K   | 3000K | 3500K | 4000K | 5000K | 2700K   | 3000K | 3500K | 4000K | 5000K |
| 7W                           | 1290    | 1350  | 1460  | 1470  | 1440  | 1935    | 2025  | 2190  | 2205  | 2160  |
| 9W                           | 1620    | 1690  | 1840  | 1850  | 1810  | 2430    | 2535  | 2760  | 2775  | 2715  |
| 12W                          | 2030    | 2120  | 2310  | 2320  | 2270  | 3045    | 3180  | 3465  | 3480  | 3405  |
| 16W                          | 2510    | 2630  | 2870  | 2890  | 2820  | 3765    | 3945  | 4305  | 4335  | 4230  |

**NOTE:** Results based on Baffle shape "S". For Baffle shape "Q", there is a 50% light loss (16W maximum).

## Technical Drawings (Drivers)

Commercial Driver, 120-277V, 0-10V (Option P)

Commercial Driver, 120-347V, 0-10V (Option C)

