Liteline

LUNA PRO 3.5"

Square Trimless Wall Wash, up to 1200 Lumens, 7-30 Watts

Recessed Downlighting

Job Information		
Project Name		Type
Location		
Quantity		Date
Contact/Phone		
Notes		

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 30 watt options that maintains uniform intensity producing up to 1200 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 60° beam spread.

Mounting
Trimless mudding frame with included mud stopper to attach to drywall ceilings. Maximum ceiling thickness 1⅞".

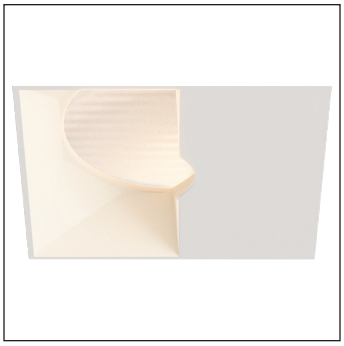
LED Driver
Extruded aluminum hardwire box with dimmable class II electronic LED driver with 100-135V AC input. Includes an 18" FT6 rated cable with DC 2.1 connector between driver and fixture approved for use in plenums and suspended ceilings. Other optional drivers available.

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.
- Suitable for indoor/outdoor applications
- Approved for direct contact with insulation (IC model only, up to 16W).
- Airtight

SPECIFICATION	
Aperture	3½" (90mm)
Application	Trimless
Approved Location	Damp
Certification	cETLus
CRI	95
CCT	2700 K - 5000 K (CCT switch)
Dimming	1% (Standard)[5]
Hole Cut	4¼" × 4¼" (108mm × 108mm)
Lumen Maintenance	70% @ 50,000 hrs
Max. Ceiling Thickness	1⅞"
Power Factor	0.9
Power Supply Type	Constant Current
THD	<35%
Title 24	Yes
TM-30 Annex E	P1 / V- / F2
Warranty	Lifetime

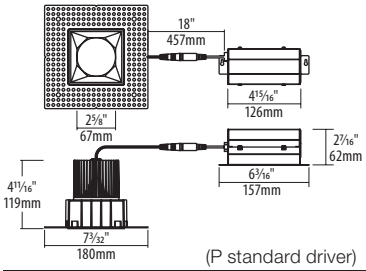


Description

The LUNA PRO 3.5" series boasts a sleek modern look in square trimless and baffle color combinations. In addition, choose between 7-30W 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.

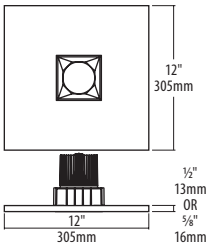
Technical Drawings

Mounting: Remodel



(P standard driver)

Mounting: New Construction
Precision Pro Trimless



Ordering Guide

	Wattage[1]	Color Temp	Style	Baffle shape		Beam	Lens Options	Driver Options		Baffle Color	Mounting	Shipping
RA35P -					-				1			
QUICKSHIP 7-DAY Highlighted option denotes QuickShip.	**07 :** 7W, 560 lumens (IC) **09 :** 9W, 720 lumens (IC) **12 :** 12W, 1000 lumens (IC) **16 :** 16W, 1300 lumens (non-IC) **20 :** 20W, 1750 lumens (non-IC) **31 :** 30W, 2400 lumens, 120V (non-IC) **32 :** 30W, 2400 lumens, 277V (non-IC) **33 :** 30W, 2400 lumens, 347V (non-IC)	**C :** 5 CCT (2700K - 5000K) **D :** DTW (3000K - 2000K)[2]	**T :** Trimless **Precision Pro Trimless** **1 :** ½" Drywall **5 :** ⅝" Drywall	**1 :** Wall Wash		**W :** Wide (60°)	**W :** Wall Wash	**T :** 120V Standard, TRIAC/ELV[4] **P :** 120-277V, Commercial, 0-10V[4] **C :** 120-347V, Commercial, 0-10V[3,4,7] **M :** 120-277V, Emergency Backup, 0-10V[3,6] **E :** Lutron ECO, 120-277V input[3,4] **D :** DALI, 120-277V & 347V input[3,4] **X :** DMX, 120-277V[2] **A :** Lutron Athena Wireless Node RF only (AWNR)[3] **L :** Leviton Intellect Wireless Controller[3] **O :** 120-277V, 0-10V, 1% dimming[3] **S :** 120-277V, TRIAC/ELV/0-10V[3]		**W :** White **B :** Black **S :** Semi-Specular	**RM :** Remodel **NC :** New Construction (includes P-4020S-NC) **AR :** Architectural C-Channel Brackets	**1 :** Ship Complete **2 :** Ship Rough-in first

Notes:
[1] IC rating up to 16W. [2] Available in 20W only. [3] Requires above ceiling access or remote driver mounting [4] Rated for -40°C starting temperature. [5] Refer to "LED Driver Options" for more details. [6] Not available with 7W or 9W Wattage options. [7] Not available in 7W. 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.

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Accessories



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



P-4020S
4¼" Square pre-mounting plate with driver attachment clip.



P-4020S-NC
4¼" Square new construction plate with driver attachment clip.



P-NCMK-1
New construction mounting kit. Includes hanger bars, brackets and screws.

VBE-1
Vapour barrier extender. For use in new construction applications.



VBE-2
Vapour barrier extender. For use in remodel applications.



P-CBKT
2 commercial mounting brackets. For use in conjunction with mounting frames.



LC-CRTL-3WAY-1
OnCloud Smart Wi-Fi 3-Way Switch, compatible with WiZ App.

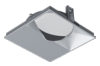


LC-CRTL-DIM-1
OnCloud Smart Wi-Fi dimmer, 120V, compatible with WiZ App.

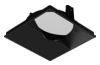
Baffle Options



P-RA35PS-BAFWW-WH
Wall Wash Baffle, Square, White.



P-RA35PS-BAFWW-SS
Wall Wash Baffle,
Square, Semi-Specular.



P-RA35PS-BAFWW-BK
Wall Wash Baffle, Square, Black.

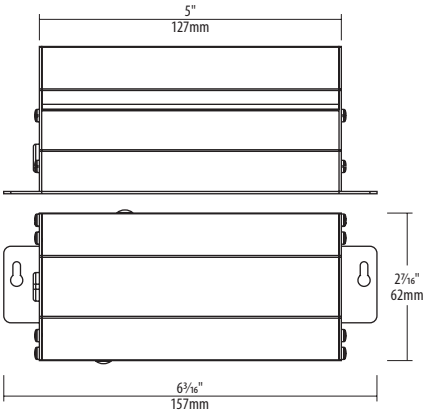
Minimum Dimming Levels	
Driver	**Dimming**
(T) Standard, 120V	10% TRIAC
(P) Commercial, 120-277V	10% 0-10V
(C) Commercial, 120-347V	10% 0-10V
(E) Lutron ECO, 120-277V	10% 0-10V
(D) DALI, 120-277V & 347V	1% DALI
(X) DMX, 120-227V	0.1% DMX
(A / L / O) 0-10V w/AUX	1% 0-10V

Lumen Output Chart

Correlated Color Temperature						
Wattage	**2000K**	**2700K**	**3000K**	**3500K**	**4000K**	**5000K**
7W		323	338	365	368	360
9W		405	423	460	463	453
12W		508	530	578	580	568
16W		628	658	718	723	705
20W		743	775	838	875	860
20W DTW	25		663			
33W		1015	1068	1168	1200	1170

Technical Drawings (Drivers)

Commercial Driver, 120-277V, 0-10V (Option P)
Commercial Driver, 120-347V, 0-10V (Option C)



Photometry

RA35P-20CT1-W2T1Wxx : LUNA 35 PRO Trimless, 20W, wide beam spread, square wall wash white @ 2700 K

Polar Candela Distribution

