

LUNA PRO 3.5"

Round Regressed Wall Wash, up to 1163 Lumens,
7-30 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 30 watt options that maintains uniform intensity producing up to 1163 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 or DTW (2000 - 3000 K).

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

Includes two spring loaded clips to attach to any ceiling material, up to 1.5" thick. Compatible with standard 3.5" nominal hole cut sizes.

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

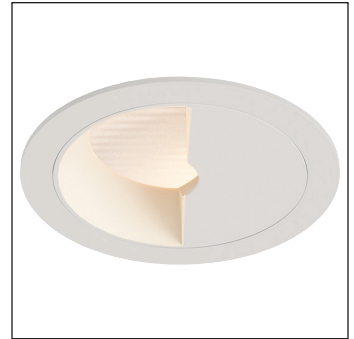
-40°C (-40°F)

Environment

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

SPECIFICATION

Aperture	3½" (90mm)
Application	Recessed
Approved Location	Wet
Certification	cETLus
CRI	95
CCT	2700 K - 5000 K (CCT switch)
Dimming	1% (Standard) ⁵
Hole Cut	Ø 4¼" (108mm)
Lumen Maintenance	70% @ 50,000 hrs
Max. Ceiling Thickness	1½" (38mm)
Power Factor	0.9
Power Supply Type	Constant Current
THD	<35%
Title 24	Yes
TM-30 Annex E	P1 / V- / F2
Warranty	Lifetime

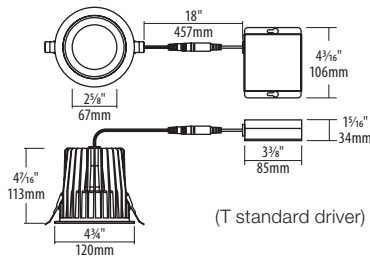


Description

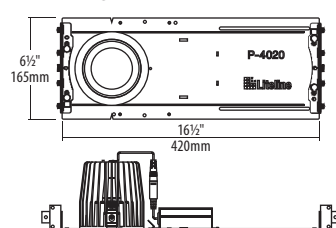
The LUNA PRO 3.5" series boasts a sleek modern look in round with trim and baffle color combinations. In addition, choose between 7-30W options with 2700 K - 5000 K color select switch or DTW COB. The regressed optics and various beam angles provide an intentional look and feel of your architectural space.

Technical Drawings

Mounting: Remodel



Mounting: New Construction



Ordering Guide

	Wattage ¹	Color Temp	Baffle shape	Beam	Lens Options	Driver Options	Trim Color	Baffle Color	Mounting	Shipping
RA35P-										
	07 : 7W, 560 lumens (IC) 09 : 9W, 720 lumens (IC) 12 : 12W, 1000 lumens (IC) 16 : 16W, 1300 lumens (IC) 20 : 20W, 1750 lumens (non-IC) 30 : 30W, 2325 lumens (non-IC)	C : 5 CCT (2700K - 5000K) D : DTW (3000K - 2000K) ²	RW : Recessed 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 ^{4,7} M : 120-277V, Emergency Backup, 0-10V ⁶ E : Lutron ECO, 120-277V input ^{3,4} D : DALI, 120-277V & 347V input ^{3,4} X : DMX, 120-277V ³ A : Lutron Athena Wireless Node RF only (AWNRF) L : Leviton Intellect Wireless Controller O : 120-277V, 0-10V, 1% dimming S : 120-277V, TRIAC/ELV/0-10V	W : White B : Black	W : White B : Black S : Semi-Specular	RM : Remodel NC : New Construction (includes P-4020NC) 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.

Accessories



SLM-60-FC

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



P-4020

4 1/4" Round pre-mounting plate with driver attachment clip.



P-4024

4 1/4" Round pre-mounting plate with driver attachment clip, 24".



P-4020NC

4 1/4" Round 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-RA35P-BAFWW-WH

Wall Wash Baffle, Round, White.



P-RA35P-BAFWW-SS

Wall Wash Baffle, Round, Semi-Specular.



P-RA35P-BAFWW-BK

Wall Wash Baffle, Round, 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

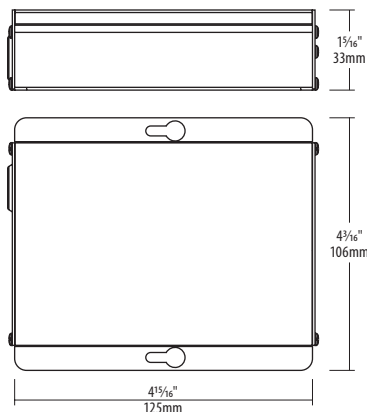
Lumen Output Chart

Correlated Color Temperature

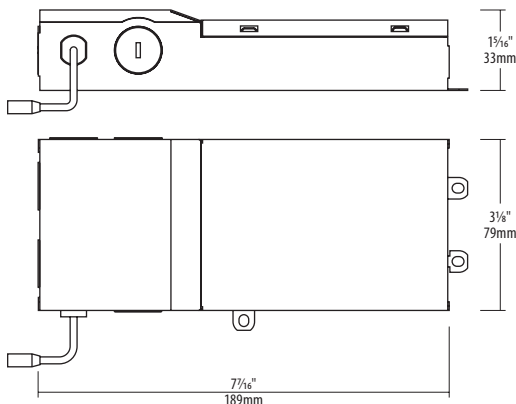
Wattage	2000K	2700K	3000K	3500K	4000K	5000K
7W		310	325	353	355	348
9W		390	408	443	445	435
12W		488	510	555	558	548
16W		605	633	690	695	680
20W		743	775	835	875	860
20W DTW	25		665			
33W		980	1035	1135	1163	1135

Technical Drawings (Drivers)

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



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



Photometry

RA35P-20CRW-W2TWWxx : LUNA 35 PRO Regressed, 20W, wide beam spread, round wall wash white @ 3000 K

Polar Candela Distribution

