

LUNA PRO 3.5"

Round Regressed, up to 2325 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 2325 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 20°, 30°, 40° and 60° beam spread options.

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 20W).
- 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

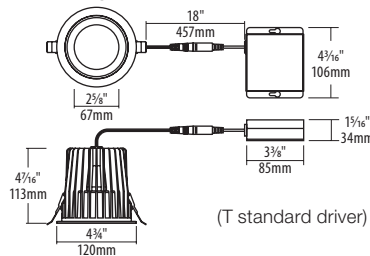


Description

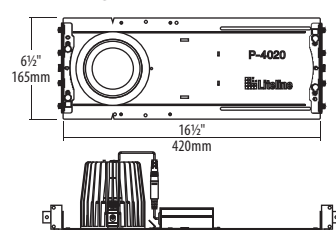
The LUNA PRO 3.5" series boasts a sleek modern look in round with trim and baffle color combinations. In addition, choose between 7-30W options with 2700 K - 5000 K color select switch or DTW COB. The regressed optics and various beam angles provide an intentional look and feel of your architectural 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-										
 QUICKSHIP 7-DAY Highlighted option denotes QuickShip.	07 : 7W, 560 lumens (IC)	C : 5 CCT (2700K - 5000K)	RR : Recessed	S : Spot (20°)	2 : Softening	T : 120V Standard, TRIAC/ELV ⁴	W : White	W : White	RM : Remodel	1 : Ship
	09 : 9W, 720 lumens (IC)	D : DTW (3000K - 2000K) ²	Round	N : Narrow (30°)	C : Clear	P : 120-277V, Commercial, 0-10V ⁴	B : Black	B : Black	NC : New Construction	Complete
	12 : 12W, 1000 lumens (IC)			M : Medium (40°)	A : Honeycomb	C : 120-347V, Commercial, 0-10V ^{4,7}		G : Gold	(includes P-4020NC)	2 : Ship Rough-in first
	16 : 16W, 1300 lumens (IC)			W : Wide (60°)	+ Softening	M : 120-277V, Emergency Backup, 0-10V ⁶		P : Specular		
	20 : 20W, 1750 lumens (IC)				B : Honeycomb + Clear	E : Lutron ECO, 120-277V input ^{3,4}		S : Semi-Specular	AR : Architectural	
	30 : 30W, 2325 lumens (non-IC)					D : DALI, 120-277V & 347V input ^{3,4}			C-Channel Brackets	
						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				

Notes:
¹ IC rating up to 20W. 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. ⁸ Energy Star approved up to 20W and with T and P drivers only. 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.



P-CBKT

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



VBE-1

Vapour barrier extender. For use in new construction applications.



VBE-2

Vapour barrier extender. For use in remodel applications.



P-RA35P-HC-TL

Honeycomb louver.



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-BAF-WH

Baffle, Round, White.



P-RA35P-BAF-SS

Baffle, Round, Semi-Specular.



P-RA35P-BAF-SP

Baffle, Round, Specular.



P-RA35P-BAF-GD

Baffle, Round, Gold.



P-RA35P-BAF-BK

Baffle, Round, Black.

Minimum Dimming Levels

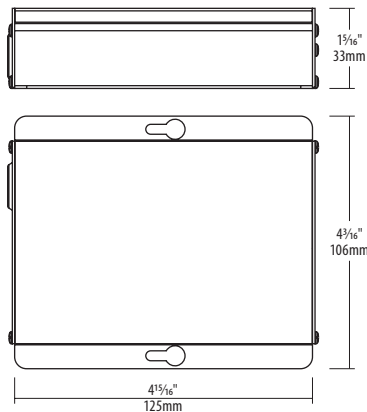
Driver	Dimming
(T) Standard, 120V	10% TRIAC
(P) Commercial, 120-277V	10% 0-10V
(C) Commercial, 120-347V	10% 0-10V
(E) Lutron ECO, 120-277V	10% 0-10V
(D) DALI, 120-277V & 347V	1% DALI
(X) DMX, 120-227V	0.1% DMX
(A / L / O) 0-10V w/AUX	1% 0-10V

Lumen Output Chart

Correlated Color Temperature						
Wattage	2000K	2700K	3000K	3500K	4000K	5000K
7W		620	650	705	710	695
9W		780	815	885	890	870
12W		975	1020	1110	1115	1095
16W		1210	1265	1380	1390	1360
20W		1485	1550	1670	1750	1720
20W DTW	50		1330			
33W		1960	2070	2270	2325	2270

Technical Drawings (Drivers)

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



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

