

Finiré Prime, LED Downlights

LED Round Adjustable Downlight
LED Square Adjustable Downlight

PRODUCT DESCRIPTION

The Finiré Prime LED downlight family is a 3" flexible, architectural grade downlight that comes standard with the high quality 95+ CRI LEDs and high performance Lutron dimming.

FEATURES

High-Performance 0.1% or 1% Dimming—Highest-quality dimming and 90+ CRI LED light performance fixture that comes standard with 2-wire 1% or new HomeWorks 0.1% digital controllers with guaranteed flicker-free dimming via Lutron controls. Backed by 24/7 customer-first service and support.

Intelligent and Digitally Addressable—HomeWorks digital technology allows you to individually address each fixture, letting you easily reconfigure lighting zones to accommodate changes in space (like rearranged furniture) without rewiring. This feature provides a soft, incandescent-like transition between 0.1% and off.

Static White and Warm Dim Options—Choose traditional 2700K or 3000K white LED colors or warm dimming if you have a preference for lighting that shifts to a warm amber color as it dims. This feature is difficult to render naturally, but Finiré's warm dimming coupled with the 0.1% Soft-on, Fade-to-Black technology offers an incandescent-like experience that dims smoothly from 2700K or 3000K down to 1800K.

OPTIONS ^{1,2}

ROUND



Fixed



Adjustable

SQUARE

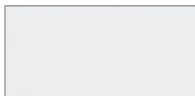


Fixed



Adjustable

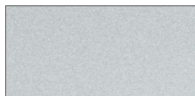
Finish ³



White ⁴



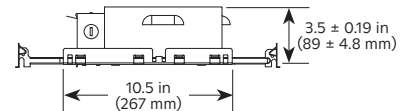
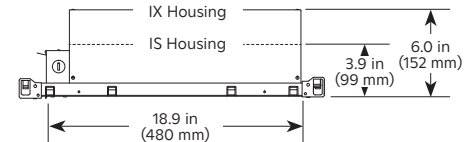
Black



Silver



Bronze



¹ Housing required. See model numbers on page 3 and dimensions on page 4.

² Wet location trim only available in Downlight (not adjustable).

³ Color finishes are coordinated to match Finiré 3" and Ketra D3 downlights.

⁴ Quick ship option.

FINIRÉ PRIME ADJUSTABLE DOWNLIGHTS

SPECIFICATIONS

Optical Performance ¹

Delivered Lumen Output	1000 lumens maximum for Non-IC, 850 lumens typical for Shallow IC ²
CRI (Ra)	90+ CRI
Lumen Maintenance	50,000 hours rated LED system life (LED and controllers)
Color Point Range	2700 and 3000 K CCT static or warm dimming 2 step MacAdam Ellipse color consistency
Dimming Range	Standard Lutron LED Driver delivers continuous, flicker-free dimming from 100% down to 0.1% of measured light output 2-wire and HomeWorks Digital control options ³

Environmental

Ambient Temperature	32 – 104 °F (0 – 40 °C)
Decibel Rating	Quiet in a 25 dB room Certification
Certification	Title 24 [JA8] compliant; IC fixtures are rated for spray foam applications ⁴
Warranty	5 year fixture, LED driver, and dimming warranty
Location	Wet location trim only available in downlight (not adjustable). Not for use in outdoor applications

Mechanical

Housing	IC and non-IC fixture options available ⁵
Housing Material	Frame constructed using galvanized steel
Lens Material	Glass
Adjustability	Luminaires offer 25° maximum tilt Fixture rotation is achieved through rotating entire trim/LED module. Round offers 360° rotation and square offers rotation in 90° increments
Mounting Options	Supplied with standard 14 – 24 in (356 – 610 mm) adjustable bar hangers
Field Replacable Componets	Driver, controller, and light assembly (trim, reflector, and LED module)

Electrical

Voltage	120 V~ 60 Hz
Power Consumption	13 W / 14 W

Dimensions ⁶

Ceiling Thickness	Luminaires accommodate up to 0.625 in (16 mm) ceiling thickness. Thick ceiling accessory available for up to 1.5 in (38 mm) ceiling thickness
Maximum Ceiling Thickness	0.625 in (16 mm)
Ceiling Cutout	ø 4.5 in (114 mm)
Fixture Weight	8 lb (3.6 kg) IC 4.5 lb (2 kg) Non-IC
Fixture Dimensions	IC: 18.9 in x 9.5 in x 6.0 in (480 mm x 241 mm x 152 mm) Non-IC: 10.5 in x 7.7 in x 3.5 in (267 mm x 196 mm x 89 mm) Shallow IC: 18.9 in x 9.5 in x 3.9 in (480 mm x 241 mm x 99 mm)
Junction Box	5.6 in x 3.0 in x 1.6 in (142 mm x 76 mm x 41 mm). See NEC chart 314.16A for box fill / wiring capacity

¹ All wattage, lumen, CCT, and CRI values are typical values. For exact values, reference the photometric data or contact Lutron Customer Service.

² Housing required. See model numbers on page 3 and dimensions on page 4.

³ PWM dimming for HomeWorks Digital option on 29 W models.

⁴ Rated for direct application of spray foam with less than R-21 insulative value or 3 in (76 mm) of closed cell spray foam. 95 °F (35 °C) maximum operating temperature.

⁵ IC fixtures must be used in installations containing insulating materials. Non- IC fixtures cannot be used in these types of applications.

⁶ Dimensions subject to tolerance. See Dimensions section.

FINIRÉ PRIME ADJUSTABLE DOWNLIGHTS

ORDERING GUIDE

Please download this PDF to use the interactive drop down features of the ordering guide.

Trim (includes LED module)

Product Line	Fixture Trim	CCT	Beam Angle	Finish
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Order code: _____

Product Line	Code
Finiré Prime, Adjustable, Flanged	FPAT
Finiré Prime, Wet Location, Downlight, Flanged	FPDT
Fixture Trim	
Round	R
Square	S
CCT	
2700 K	27X
3000 K	30X
Beam Angle	
30° (medium)	30
65° (wide flood)	65
Finish	
Matte White	MW
Black	BL
Silver	SI
Bronze	BR

Housing (includes LED driver)

Family	Housing Type	Control System
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Order code: _____

Product Line	Code
Finiré Prime Housing	FPH
Housing Type	
IC 14 W 1000 lumens*	IX
Non-IC 14 W 1000 lumens*	NX
Shallow IC 13 W 850 lumens*	IS
Control System	
2-wire 120 V~ only	F1
0.1% HomeWorks Digital 120 V~	H0

* All wattage, lumen, CCT, and CRI values are typical values. For exact values, reference the photometric data or contact Lutron Customer Service.

Accessory Kits (optional)

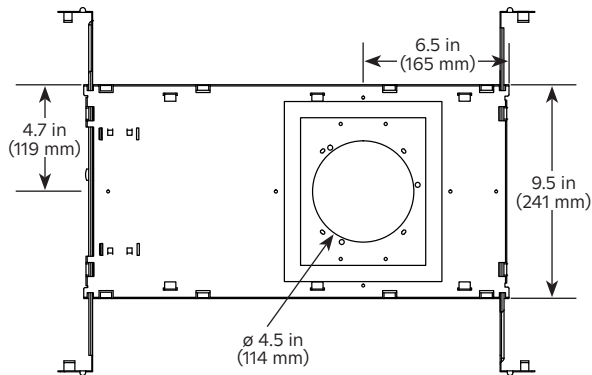
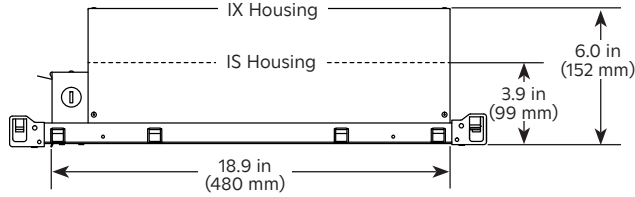
Thick ceiling clips (0.625 to 0.75 in [15.88 mm to 19.05 mm]), 6 sets	FP-TC075
Thick ceiling clips (0.75 to 1.0 in [19.05 mm to 25.40 mm]), 6 sets	FP-TC100
Thick ceiling clips (1.0 to 1.25 in [25.40 mm to 31.75 mm]), 6 sets	FP-TC125
Thick ceiling clips (1.25 to 1.5 in [31.75 mm to 38.1 mm]), 6 sets	FP-TC150
Optics kit, 6 pcs of 30° reflector and 6 pcs of Wall Wash film	FP-OPTIC30

FINIRÉ PRIME ADJUSTABLE DOWNLIGHTS

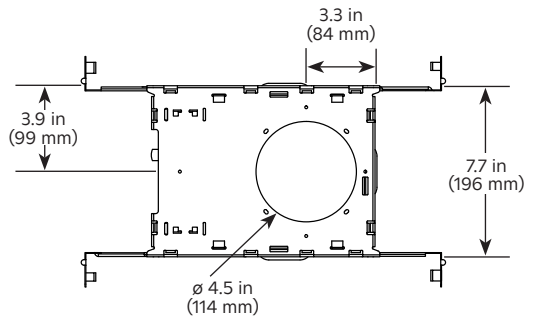
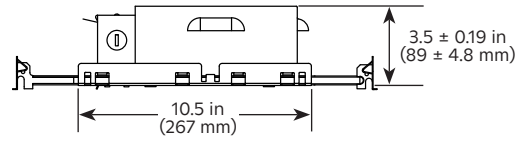
PRODUCT DIMENSIONS

Round or Square Trim

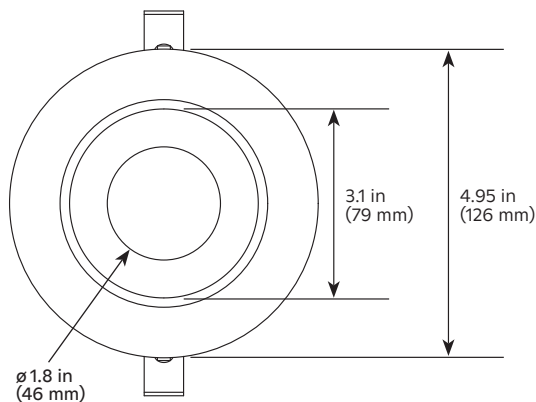
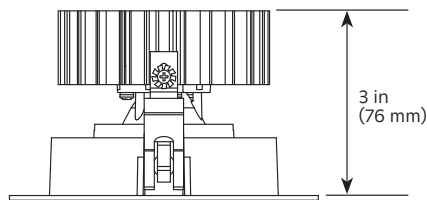
IC Housing (IX/IS)



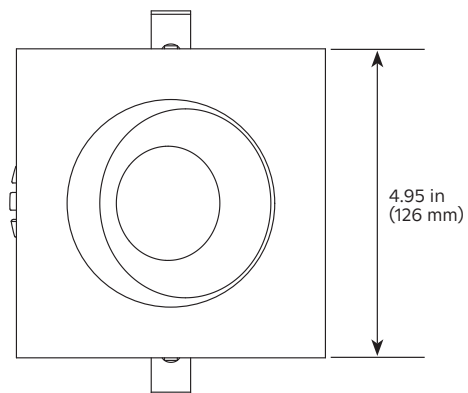
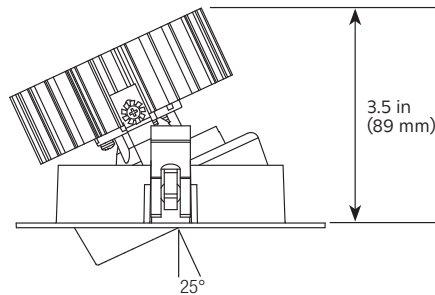
Non-IC Housing (NX)



Round Trim



Square Trim



NOTES:

- Unless otherwise stated, dimensions have ± 0.063 in (1.6 mm) tolerance.
- Bar hangers have an adjustable width from 14 in (356 mm) to 24 in (610 mm).
- Wet location trims are Downlight only and do not tilt.

FINIRÉ PRIME ADJUSTABLE DOWNLIGHTS

PHOTOMETRIC DATA

Standard IC/Non-IC Housing

BEAM ANGLE
MODEL NUMBER

30°
FPATR27X30MW-FPHNXF1¹

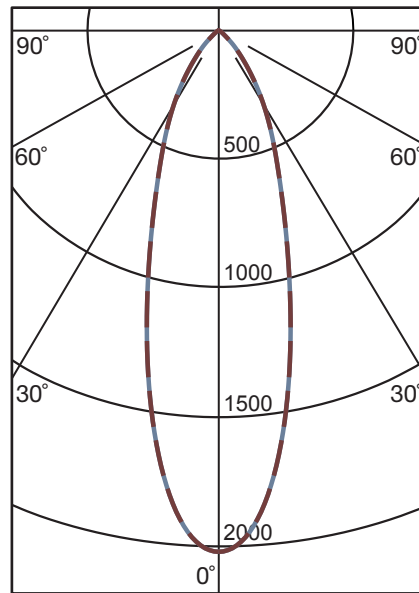
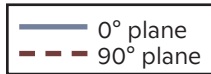
LIGHT OUTPUT (lm)
POWER CONSUMPTION (W)

937.3
14²

EFFICACY (lm/W)
COLOR ACCURACY (CRI)
COLOR TEMPERATURE (CCT)

69.9
91.5
2700 K

CANDELA PLOT¹
(NADIR)



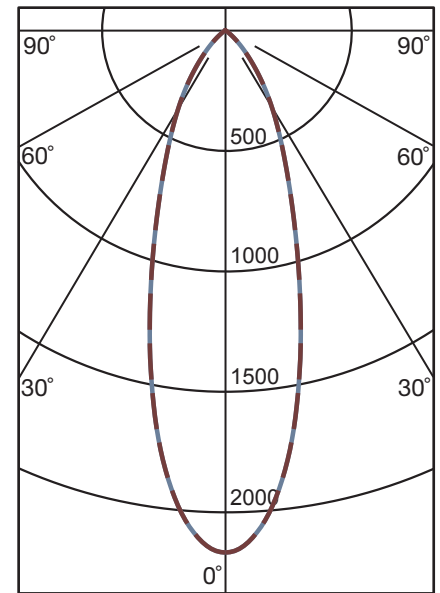
Foot-candles		Beam Dia.
126	4 ft (1.22 m)	2.05 ft (0.63 m)
56.1	6 ft (1.83 m)	3.07 ft (0.94 m)
31.6	8 ft (2.44 m)	4.09 ft (1.25 m)
20.2	10 ft (3.05 m)	5.12 ft (1.56 m)
14.0	12 ft (3.66 m)	6.14 ft (1.87 m)
10.3	14 ft (4.27 m)	7.16 ft (2.18 m)
7.89	16 ft (4.88 m)	8.19 ft (2.50 m)

Distance From Light

30°
FPATS30X30MW-FPHNXHO

1054
12.00

87.5
91
3000 K



Foot-candles		Beam Dia.
126	4 ft (1.22 m)	2.05 ft (0.63 m)
56.1	6 ft (1.83 m)	3.07 ft (0.94 m)
31.6	8 ft (2.44 m)	4.09 ft (1.25 m)
20.2	10 ft (3.05 m)	5.12 ft (1.56 m)
14.0	12 ft (3.66 m)	6.14 ft (1.87 m)
10.3	14 ft (4.27 m)	7.16 ft (2.18 m)
7.89	16 ft (4.88 m)	8.19 ft (2.50 m)

Distance From Light

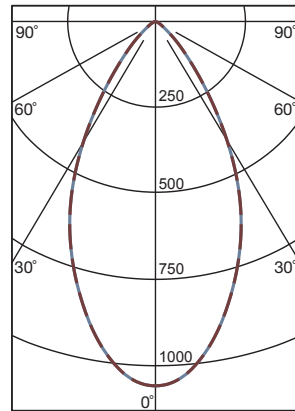
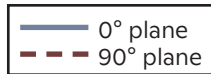
¹ The photometric data was taken with HomeWorks (H0) fixtures. Updated Candela Plot (NADIR) and Cone of Luminance files (.IES) will be available June 2023 for HomeWorks Digital (H0) Fixtures.
² Total system power including LED driver.

FINIRÉ PRIME ADJUSTABLE DOWNLIGHTS

PHOTOMETRIC DATA (CONTINUED)

BEAM ANGLE	65°
MODEL NUMBER	FPATR27X65MW-FPHNXF1 ¹
LIGHT OUTPUT (lm)	896.2
POWER CONSUMPTION (W)	14 ²
EFFICACY (lm/W)	64
COLOR ACCURACY (CRI)	91.5
COLOR TEMPERATURE (CCT)	2700 K

CANDELA PLOT ¹ (NADIR)

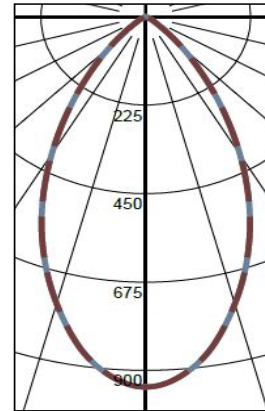


Foot-candles	Beam Dia.	Distance From Light
66.1	4 ft (1.22 m)	3.24 ft (0.99 m)
29.4	6 ft (1.83 m)	4.86 ft (1.48 m)
16.5	8 ft (2.44 m)	6.47 ft (1.97 m)
10.6	10 ft (3.05 m)	8.09 ft (2.47 m)
7.34	12 ft (3.66 m)	9.71 ft (2.96 m)
5.39	14 ft (4.27 m)	11.3 ft (3.44 m)
4.13	16 ft (4.88 m)	12.9 ft (3.93 m)

Distance From Light

Standard IC/Non-IC Housing

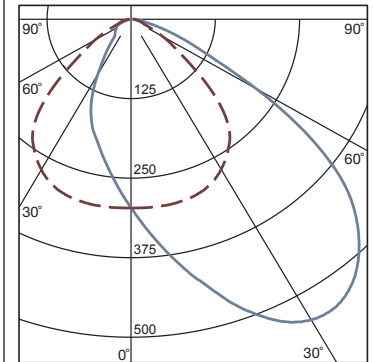
65°
FPATR27X65MW-FPHISHO
860
10.23
84
91.4
2700 K



Foot-candles	Beam Dia.	Distance From Light
58.9	4 ft (1.22 m)	3.25 ft (0.99 m)
26.2	6 ft (1.83 m)	4.88 ft (1.49 m)
14.7	8 ft (2.44 m)	6.50 ft (1.98 m)
9.42	10 ft (3.05 m)	8.13 ft (2.48 m)
6.54	12 ft (3.66 m)	9.75 ft (2.97 m)
4.81	14 ft (4.27 m)	11.4 ft (3.47 m)
3.68	16 ft (4.88 m)	13.0 ft (3.96 m)

Distance From Light

65°
FP-OPTIC65 (Wall Wash)
855.8
14.07 ²
60.8
91.5
2700 K



Foot-candles	Beam Dia.	Distance From Light
18.5	4 ft (1.22 m)	5.88 ft (1.79 m)
8.24	6 ft (1.83 m)	8.83 ft (2.69 m)
4.64	8 ft (2.44 m)	11.8 ft (3.60 m)
2.97	10 ft (3.05 m)	14.7 ft (4.48 m)
2.06	12 ft (3.66 m)	17.7 ft (5.39 m)
1.51	14 ft (4.27 m)	20.6 ft (6.28 m)
1.16	16 ft (4.88 m)	23.5 ft (7.16 m)

Distance From Light

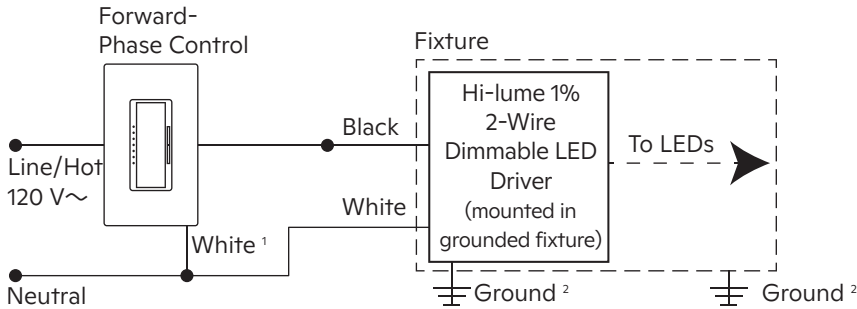
¹ The photometric data was taken with HomeWorks (HO) fixtures. Updated Candela Plot (NADIR) and Cone of Luminance files (.IES) will be available June 2023 for HomeWorks Digital (HO) Fixtures.

² Total system power including LED driver.

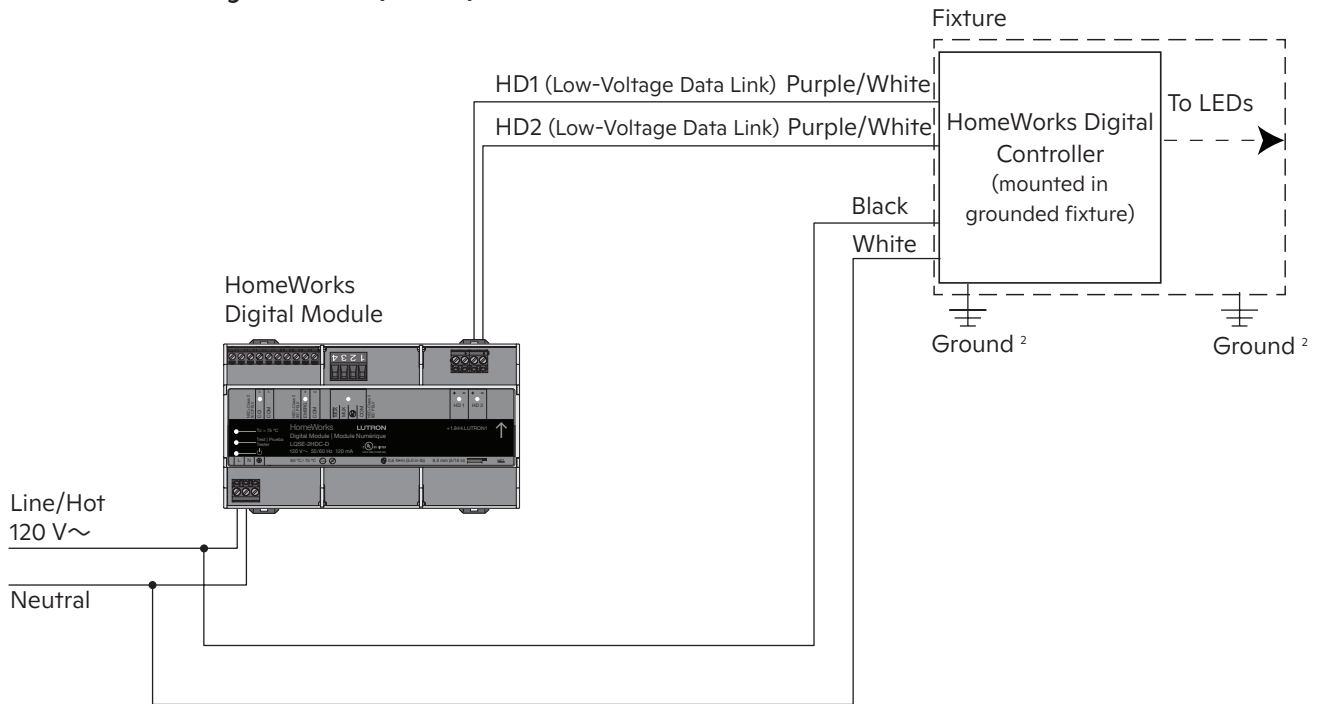
FINIRÉ PRIME ADJUSTABLE DOWNLIGHTS

WIRING DIAGRAMS

F1: 2-Wire Forward-Phase Control with Neutral (120 V~ ONLY)



HO: HomeWorks Digital Control (120 V~)



¹ Neutral may be optional for certain control types. See product specification submittal for specific wiring diagrams.

² Ensure that both ground wires are connected in the junction box.

For a list of compatible controls and control ratings, contact the LED Control Center of Excellence at 1.844.LUTRON1 (1.844.588.7661)

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