

FARO 60 Specifications



Ordering Information ¹						
Model	Power	Color	Optics	Voltage	Finish	Options
F FR60	L	27 30 40	SP FL GR WW	24	W AT	SK

¹Specify remote power supply separately below.

Luminaire

- Sustainable design, replaceable LED module
- 2 axis adjustability (180°/95°)
- Base for feed through connection
- Recessed lens for glare reduction
- UL STD 1598, IP66, Wet location
- High performance optics
- Remote power supply
- Aluminum construction
- Finish powder coat RAL9003 or RAL7016 structure
- Base/Spike installation
- Supplied with mini connector (IP rated terminal block inside base)

Size

- 2 = 2.3" (60mm) ø

Power

- L = 8W, 3000K, 823lm, delivered

Color Temperature

- 27 = 2700K
- 30 = 3000K
- 40 = 4000K
- 2 Step MacAdam
- CRI: > 85

Optics

- SP = Spot - 10°
- FL = Flood - 30°
- GR = 49° x 34°
- WW = Wall Wash

Voltage

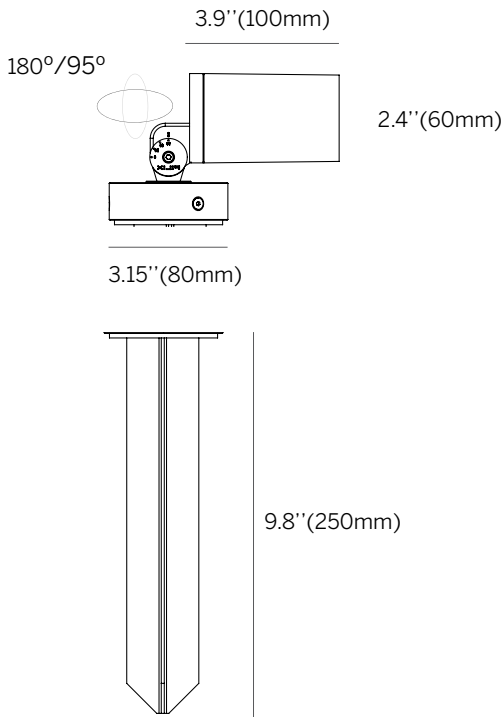
- 24 = 24Vdc fixture voltage

Finish

- W = RAL 9003 Structure (white)
- AT = RAL 7016 Structure (grey anthracite)

Options

- SK = Spike



Power Supply² (Remote)

Non-Dim

- D-520-24007: Osram 96W, 24VDC, 120-277VAC

Dim

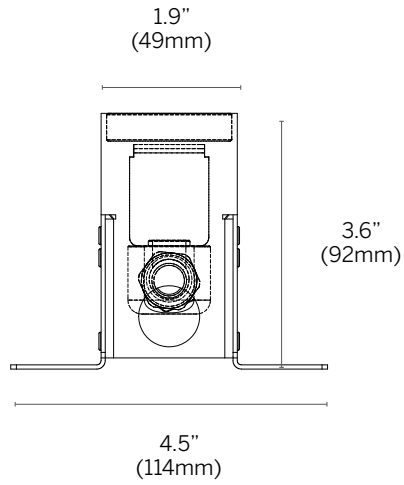
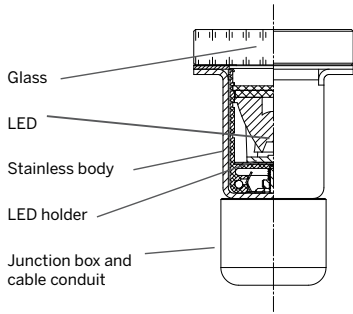
- D-520-24006: Osram 10% 0-10V dimming, 96W, 24VDC, 120-277VAC
- IL-JB-LED-24003-120V-DFPN: Lutron LTE 1% Forward Phase (with neutral) dimming, 5-40W, 24VDC, 120VAC, Case K, dry location enclosure (not suitable for 48" High power or 12" Low power fixtures)

- IL-JB-LED-24010-UNV-D3W: Lutron L3D 1% 3-wire dimming, 5-40W, 24VDC, 120-277VAC, Case K, dry location enclosure (not suitable for 48" High power or 12" Low power fixtures)
- IL-JB-LED-24010-UNV-DES: Lutron L3D 1% EcoSystem dimming, 5-40W, 24VDC, 120-277VAC, Case K, supplied in a dry location enclosure (not suitable for 48" High power or 12" Low power fixtures)

²See power supply pages for details. No enclosure, unless stated. Im80 values shown.

FARO 60 Dimensions

Fixture



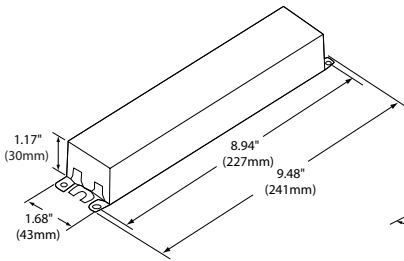
Single Color Drivers

Qty.	Part Number	Description	Case	Nominal Input Voltage (V)	Nominal Input Current (A)	Power Factor	Output Power Range (W)	Dimming Mode	Dimming Control	Dimming Range	Location Rating
	D-520-24007	Osram non-dim	1	120 277	0.97 0.39	0.9	1-96	N/A	N/A	N/A	Damp
	D-520-24006	Osram 0-10V dim	1	120 277	0.97 0.39	0.9	1-96	PWM	0-10V	10-100%	Damp
	IL-JB-LED-24003-120V-DFPN	Hi-Lume A Series LED LTE	2	120	0.38	0.99	5-40	PWM	Forward phase with neutral	1-100%	Dry
	IL-JB-LED-24010-UNV-D3W	Hi-Lume A Series LED L3D, 3-wire	2	120 277	0.38 0.17	0.99 0.96	5-40	PWM	3-Wire	1-100%	Dry
	IL-JB-LED-24010-UNV-DES	Hi-Lume A Series LED L3D, EcoSystem	2	120 277	0.37 0.17	0.99 0.96	5-40	PWM	Ecosystem®	1-100%	Dry

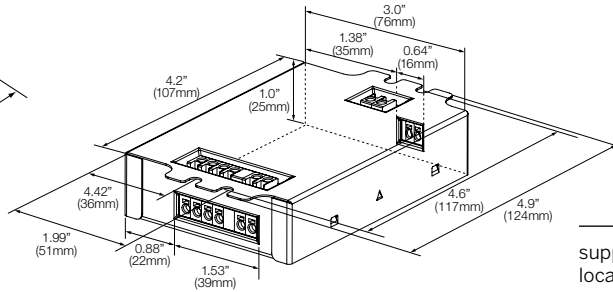
Although it is possible to exceed the remote mounting distance, the installer and/or end user must take precautions to prevent and/or test the effects of EMI (electromagnetic interference).

Case dimensions

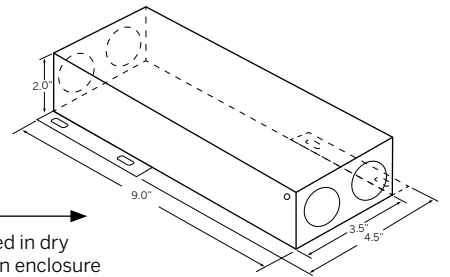
Case 1 (no enclosure)



Case 2 Hi-Lume, case K (enclosure supplied)

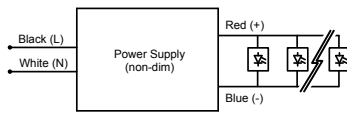


supplied in dry location enclosure

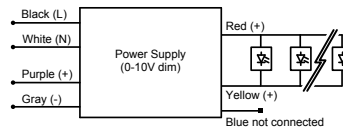


Wiring diagrams

96W Non-Dim

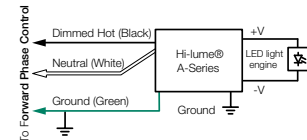


96W Dim



LTE (forward phase with neutral)

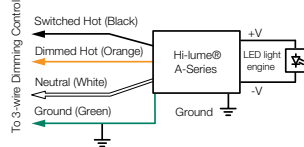
Wiring Diagram for Forward Phase Control



Note: Colors shown correspond to terminal blocks on driver.

L3D (3-wire)

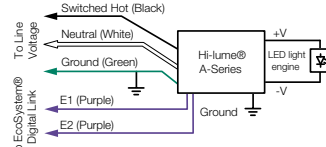
Wiring Diagram for 3-Wire Control



Note: Colors shown correspond to terminal blocks on driver.

L3D (Ecosystem®)

Wiring Diagram for EcoSystem® Digital Control



Note: Colors shown correspond to terminal blocks on driver.

Maximum wiring distance*

Wire gauge	Load per driver			
	Osram		Lutron	
	≤48W	≤72W	≤96W	≤40W
#18AWG	37'	25'	18'	15'
#16AWG	59'	39'	29'	25'
#14AWG	95'	63'	47'	40'
#12AWG	151'	101'	75'	60'
#10AWG	241'	160'	120'	-

*Voltage drop guide for 24VDC. Actual Voltage drop to be calculated by installer