

PHOENIX LIGHTING

LOW-VOLTAGE LED FLOODLIGHT – Sturdilite E-DC Series



E-15 & E-36



E-56



E-90

E-15 – 15W, Up to 880 effective lumens

E-36 – 24W, Up to 2600 effective lumens

E-56 – 56W, Up to 4500 effective lumens

E-90 – 90W, Up to 7100 effective lumens

Durable, economic line of LED fixtures.

Lightweight, compact design ideal for use on mobile equipment.

Spot and flood optics minimize glare and provide precise optical control.

LED technology increases efficiency, eliminates maintenance and supports green initiatives.

Construction	Die cast aluminum housing
Finish	Black powder coat
Hardware	Stainless steel
Lens	Impact-resistant polymer Spot (SP) and flood (FL) optics Precise optical control minimizes glare
Light Source	Cree light emitting diodes (LED) 15W (E15), 24W (E36), 56W (E56) or 90W (E90) Effective lumens: up to 880 lumens (15W), 1800 lumens (24W), 4500 lumens (56W) and 7100 lumens (90W) CCT 6000K 50,000 hour rated life
Power source	12-48V DC 10.00 inch cord with Deutsch connector Over-voltage, over-temperature and reverse polarity protection
Wiring	Stranded wires
Ambient Operating Temperature	-40°C to +65°C Light output regulation in high ambient temperature environments protects the life of the LEDs
Shock	65G along 3 axes
Vibration	5 Grms, 100-2200Hz along 3 axes
Salt spray	Tested to ASTM B117 for 1000 hours
Aiming	90° aiming capability
Mounting	Stainless steel harp
Weight	E15 & E36 fixture: 1.3 lb (0.6 kg) case (12 fixtures): 20.9 lb (9.5 kg) E56 fixture: 4.2 lb (1.9 kg) case (6 fixtures): 22.0 lb (10.0 kg) E90 fixture: 7.1 lb (3.2 kg) case (6 fixtures): 39.7 lb (18.0 kg)
Case Size	E15 & E36: 17.32 in x 10.04 in x 10.04 in (440 mm x 255 mm x 255 mm) E56: 20.47 in x 7.87 in x 9.84 in (520 mm x 200 mm x 250 mm) E90: 27.95 in x 17.32 in x 6.69 in (710 mm x 440 mm x 170 mm)
Warranty	3 years

Certifications:

CE
IP69K

Dimensions:

E-15 & E-36

Width: 3.15" (80mm)
Height: 3.97" (107mm)
Depth: 3.23" (82mm)

E-56

Width: 6.38" (162mm)
Height: 5.42" (138mm)
Depth: 3.50" (89mm)

E-90

Width: 7.44" (189mm)
Height: 6.56" (167mm)
Depth: 4.25" (108mm)

Options and Accessories:

SP Spot Optic (not available on E15)
FL Flood Optic