



# Par FC



280W Full Spectrum RGBMA LED Par

DATA SHEET



## KEY FEATURES

280W RGBMA LED Engine

ColourTune Technology Software Integration

11,000 Total Fixture Lumen Output

Field replaceable lenses

Stand-Alone control with one Encoder and OLED Display

Smooth 16-bit Selectable Dimming Modes and Curves

Remote LED Refresh Rate and Fan Speed Adjustment

Flicker Free Operation for TV and FILM

RDM (Remote Device Management)

7.5" Gel Frame and four lenses (11°, 22°, 30°, 52°) included

The **KL PAR FC™** is a compact full-color-spectrum LED fixture that provides high output, precise color temperature control, full-spectrum color rendering, and even wash coverage. Offering powerful color intensity and a wide array of saturated and pastel colors from its efficient RGBMA engine, it is also optimized for the tunable white light requirements of Film and Television.

The **KL PAR FC** is an ideal key, fill, and area wash light source for theater, House of Worship, and any production requiring outstanding performance and color quality. It incorporates a highly efficient 5-in-1 (RGBMA) LED engine that produces up to 11,000 field lumens, equivalent to existing 750W Tungsten PAR fixtures, and is delivered with multiple lens choices that are easy to replace in the field. With the new ColourTune Technology software the fixture offers outstanding color rendering with a high CRI of 93 and TLCI of 95, fully variable 16bit CCT control, and remotely adjustable LED refresh frequency makes this unit the perfect choice for today's fast-paced production environments. Rugged and portable, the fixture can be suspended using any standard clamp or floor mounted using the integrated stand. It is fully self-contained without the need for an external power supply and offers locking power pass-through for easy linking of multiple units.

The **KL PAR FC** can be operated through industry-standard DMX protocols and has full RDM support. In addition, it offers manual access and standalone operation using the included encoder and display, providing instant control of Intensity, Color Temperature, Green shift, and other important settings. The display and encoder are conveniently positioned at the backside of the fixture to ensure unobstructed access when mounted.



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Elation Professional USA | 6122 S. Eastern Ave. | Los Angeles, CA. 90040  
323-582-3322 | 323-832-9142 fax | [www.elationlighting.com](http://www.elationlighting.com) | [info@elationlighting.com](mailto:info@elationlighting.com)

Elation Professional B.V. | Junostraat 2 | 6468 EW Kerkrade, The Netherlands  
+31 45 546 85 66 | +31 45 546 85 96 fax | [www.elationlighting.eu](http://www.elationlighting.eu) | [info@elationlighting.eu](mailto:info@elationlighting.eu)



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## SPECIFICATIONS

### SOURCE

280W 6500K RGBMA LED Engine  
50,000 Hour Average LED Life\*

\*Test lab conditions. May vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming.

### PHOTOMETRIC DATA

11,000 Total Lumen Output  
CRI 92  
TLCI 95

### INCLUDED LENSES

VNSP (11°)  
NSP (22°)  
MFL (30°)  
WFL (52°)

### EFFECTS

Electronic Dimmer and Strobe  
Variable 16-bit Dimming Modes and Curves

### COLOR

High Brightness and High Fidelity Output  
Options  
RGBMA Color Array  
CMY Emulation  
Variable CCT 2400K - 8500K  
Green/Magenta Shift  
Dim-to-Warm Fade  
Virtual Gel Swatch Book

### CONTROL / CONNECTIONS

8 DMX Channel Modes (1, 6, 11, 18, 19, 9, 14, 15)  
Manual and DMX Controlled Dimmer and Color  
Single Rotary Dial  
4 Button Control Panel, LED Display  
RDM (Remote Device Management)  
3/5pin DMX and IP65 Locking Power Cable In/  
Out

### SIZE / WEIGHT

Length: 13.94" (354mm)  
Width: 11.97" (304mm)  
Vertical Height: 14.96" (380mm)  
Weight: 15.98 lbs. (7.25kg)

### ELECTRICAL

AC 100-240V - 50/60Hz  
284W Max Power Consumption  
Power Thru Capacity: 3 units @110V, 6 units  
@240V  
5°F to 113°F (-15°C to 45°C)  
BTU/hr (+/- 10%) 891.76

### INCLUDED ITEMS

7.5" Gel Frame  
4 Lenses (11°, 22°, 30°, 52°)  
IP65 Locking Power Cable

### OPTIONAL ITEMS

7.5" Barndoors  
XWFL (90°) Lens  
Ovalizer Lens  
Glass Lens  
#8050000053 (Omega Bracket)

### APPROVALS / RATINGS

CE | cETLus | IP20 | FCC | UKCA



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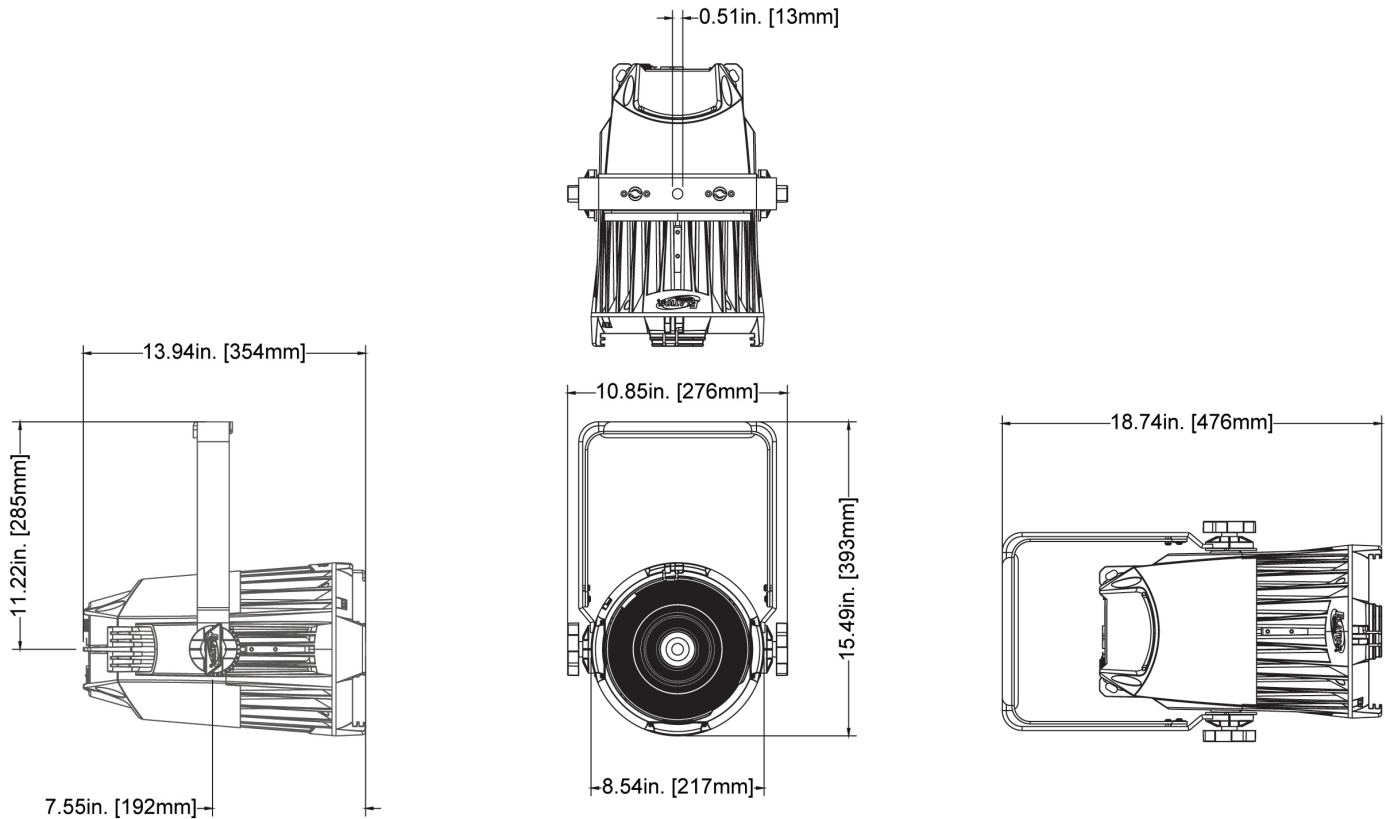


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## UNIT DIMENSIONS



## ORDERING INFORMATION

KLP500	KL PAR FC	1236100142
KLP555	KL PAR FC WH	PENDING
KLP959	BARN DOOR FOR KL PAR FC	1236100143
KLP987	KL PAR XWFL LENS	1236100144
KLP988	KL PAR GLASS LENS	1236100145

