

QR-146 A1 Longman Optic Parco R450 Specification Sheet

Project Name			Fixture Size	
CAD Icon/Applied position				
Layout Quantity				
Product Brand	Longman			
Model Name	Parco R450			
Series Name	P715-18-10-Full RGBW			
Luminaire Efficiency	54.3 (lm/W)			
Standard deviation of Chromaticity	SDC<0.005			

Specification Sheet

Electrical/Connections/Typical Power and Current

Input Voltage	<input type="checkbox"/> 100-240VAC	Rated Power	120W	Typical Power	106W/220V
Connector Type	<input type="checkbox"/> IP67 Male/Female <input type="checkbox"/> Euro <input type="checkbox"/> America <input type="checkbox"/> Other	SMPS Brand	<input type="checkbox"/> Chico	Output Voltage	<input type="checkbox"/> DC 28V
Power Factor	<input type="checkbox"/> PF>0.7	Flash Rate Endurance Full Load	<input type="checkbox"/> >12Hz Full load/coild load flas	Soldering technology	<input type="checkbox"/> Reflow Soldering

Optics Dynamic Effects & Photometric Data

Light Performance	<input type="checkbox"/> Narrow beam wash	LED Lamp	<input type="checkbox"/> Cree <input type="checkbox"/> Luxeon <input type="checkbox"/> Epistar	LED Type and Power	Ostar 15W
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Drive current for each Chip	450 (mA)	Peak Intensity	33000 (Cd) /43.6 Field Angle	Adjusted shine angle	Pan 360 /Tilt270
Red light (nm)	625-628nm	Green light (nm)	524-527nm	Bule light (nm)	455-460nm
Amber light (nm)	Void	White Color Temperture (K)	<input type="checkbox"/> 6000K	Color Rendering	Ra>80 R9>50
Total Light Output (Lumens)	5760	10%Field Angle/ 50%Beam angle	<input type="checkbox"/> 15.4/10.8 <input type="checkbox"/> 43.3/21.8 <input type="checkbox"/> 50.6/26.6 <input type="checkbox"/> 160/120	output Lumens within 10% Intensity field angle.	<input type="checkbox"/> >90%
Typical Light distribution Curve					
15.4 Field angle <input type="checkbox"/> Light Distribution of Honeycomb Zoom Lens LMOSL15HZ.pdf 43.6 Field angle <input type="checkbox"/> Light Distribution of Honeycomb Lens LMTXL43HY Upon Full RGBW 4in1 LED.pdf					
Moto/heat sink/Thermal					
Pan rotate Degree	Void	Tilt rotate Degree	Void	Other Rotate Feature	Void
Thermal protection	<input type="checkbox"/> NTC over heat protection	Cooling Method	<input type="checkbox"/> Neutral Heasink <input type="checkbox"/> No noise	Infared Testing	See:P715 IR Imaging test.JPG
Control and Programming					
Control Protocol	<input type="checkbox"/> E1.11 - 2004 USITT DMX512-A	MCU and Dimming Precision	<input type="checkbox"/> 32 Bit ARM	Optional Channels	<input type="checkbox"/> 3CH <input type="checkbox"/> 4CH <input type="checkbox"/> 5CH <input type="checkbox"/> 8CH <input type="checkbox"/> 9CH
PWM Refresh Rate	<input type="checkbox"/> >3KHz	Address and signal display	<input type="checkbox"/> Touch LED display <input type="checkbox"/> 2minutes no operation no display	Extra Function	<input type="checkbox"/> Display DMX signal <input type="checkbox"/> Dimming curve Dim0 Dim4
Physical/Materials/Construction					
Main Material	<input type="checkbox"/> ADC12 Diecast Alluminium	Second Material	<input type="checkbox"/> 6063 extrusion Alluminium <input type="checkbox"/> Glass	Other Material	<input type="checkbox"/> QR235 Metal <input type="checkbox"/> PMMA

Color and finish	<input type="checkbox"/> Matt black	measurements L*W*H	287*270*166mm	Net Weight	5.2 Kg
IP Rated/operation Enviroment and storage					
Protection Rate	<input type="checkbox"/> IP67	Air vent valve	<input type="checkbox"/> With Air vent valve	Cable Locking	<input type="checkbox"/> Stainless Steel PG13
Operation Temperature	—20 °C~— 45°C	Operation Enviroment Humidity	<input type="checkbox"/> 0-95%RH	Storage Temperature	—40 °C~— 80°C
Included Items/Accessories/Related Items Installation					
Package	<input type="checkbox"/> Cartoon <input type="checkbox"/> Flight case	Optical Accessories*	<input type="checkbox"/> Frosted Glass <input type="checkbox"/> Barndoor <input type="checkbox"/> Hook <input type="checkbox"/> Safety Cable	Cable Accessories*	<input type="checkbox"/> Signal Extesion Cable <input type="checkbox"/> Power Extesion Cable
Approvals and after sales service					
Certificate	<input type="checkbox"/> CE <input type="checkbox"/> ROHS	Guarantee time	Oversea 1 year	Spare Parts Available	5 years

