



Quad PAR 18 - LED

With a total 144watts of LED power. Beam width is ideal, at 25degree, with control available via DMX, Static colour or Auto modes. Versatility and flexibility of use with this unit is assured. Made of robust moulded aluminium, these new 'PARS' are stronger and longer lasting than the previous PAR64 / 56 type variants.

Physical

Size of Unit	300 x 330 x 110mm
Item Weight	5kg
Quantity in Case	12
Cased Weight	120kg
Size of Case	1190 x 600 x 690mm



Electrical

Rated Power	150watt
Input Power	100-240v AC 50hz
Power Connection	PowerCon connector

Mounting Options

Hanging Type	Yoke
Freestanding	Yes
Expo LX	Yes

Optical

Light Source	18 x 8w quad-colour LEDs
Beam Angle	25°
Colour Temperature	6400k
CRI	75
Light Output 2m	3568
Light Output 4m	940
Light Output 6m	418

Control

Control Method	DMX / Auto / Static Colour
DMX Mode	4 / 5 / 10ch
DMX Channel List	-
DMX Connection Types	5pin DMX / 3pin DMX

Environmental

IP Rating	IP22
Cooling	Heatsink
Max Operating Temperature	40°

Compatibility

- LED RGBW wash light, replacement of parcan
- Ideal for liner wash, highlight feature area
- Table wash due to tight beam of 25°

Accessories Included

Can have a Barndoor fitted

GOBO

None, wash light only

Colour

Any imaginable colour using RGBW mixture

Information Links

Manufacture Link [LED PAR Quad-18](#)

Data Sheet [Spec Sheet](#)

Data Sheet [Photometry Report](#)

Report of Photometry & Chromaticity for Light Source

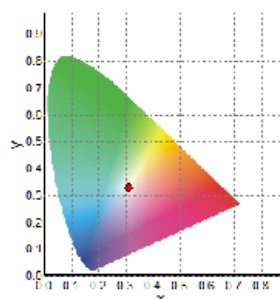


Product Description

Product Name	Quad Par 18 LED RGBW white only	
Sample Number		
Date(YYYY/MM/DD)	2020/5/6 12:47:09	
Manufacturer	Pro Shop Showtech	
Tester	HTH	
Temperature(°C)	20	Re. Humidity(%)
Reviewer		

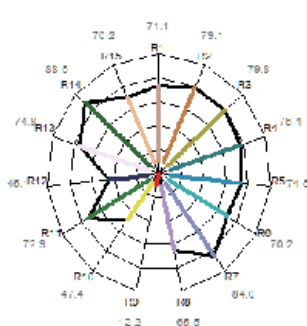
Photometry and Chromaticity

CIE_x	0.3140	Duv	0.0016
CIE_y	0.3271	λ_d (nm)	487.5
CIE_u'	0.1994	Purity(%)	7
CIE_v'	0.4675	FWHM(nm)	27
CCT(K)	6450	SP ratio	2.07
Illuminance(lx)	3568	PPFD($\mu\text{mol}/\text{m}^2 \text{ s}$)	51.6
λ_p (nm)	450	CRI(Ra)	75
TLCI(Qa)	54.7	GAI	87.5
GAI BB8	90	GAI BB15	94
TM-30 Rf	73	TM-30 Rg	94



CIE1931 Chromaticity Diagram

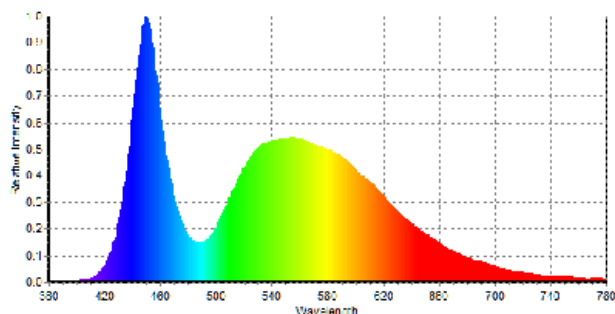
CQS-Qa	73	Re(thru R1~R15)	66
R1	74.1	R6	70.2
R2	79.1	R7	84.0
R3	79.8	R8	65.5
R4	76.4	R9	-12.2
R5	74.5	R10	47.4
		R11	72.9
		R12	45.1
		R13	74.8
		R14	88.5
		R15	70.2



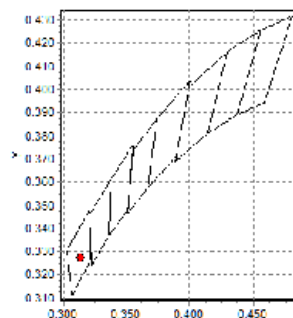
Radar Diagram of CRI

Flicker Frequency(Hz)
Flicker Index

Flicker %



Spectral Distribution



C78.377-2008