



LED PAR – 50w Black Par DMX

- Par 56 replacement light, using white LED
- DMX compatible
- Standalone mode
- Gel frame and holder



Physical

Size of Unit	400 x 270 x 270mm
Item Weight	5kg
Quantity in Case	8
Cased Weight	73kg
Size of Unit Cased	1100 x 570 x 800mm

Electrical

Rated Power	50watt
Input Power	100-240v 50hz AC
Power Connection	Fixed piggyback plug top

Mounting Options

Hanging Type	Yoke
Freestanding	No
Expo LX	Yes

Optical

Light Source	50w white LED engine
Beam Angle	30°
Colour Temperature	5000k
CRI	
Light Output 2m	1338
Light Output 4m	391
Light Output 6m	186

Control

Control Method	Stand alone / DMX
DMX Mode	2ch
DMX Channel List	-
DMX Connection Types	5pin DMX

Environmental

IP Rating	IP20
Cooling	Heatsink
Max Operating Temperature	40°

Compatibility

Liner wash
Old style parcan replacement

Accessories Included

- Safe chain
- Gel frame

Colour

Can install GEL to change colours

Information Links

Manufacture Link [Harry the hirer](#)

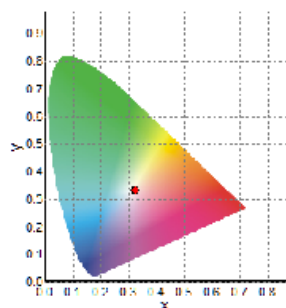
Data Sheet [Photometry Report](#)

Report of Photometry & Chromaticity for Light Source

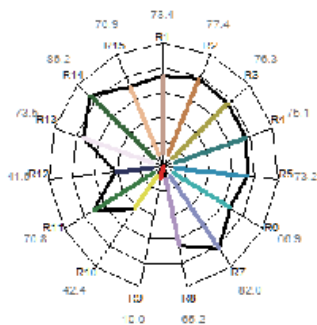


Product Description

Product Name	LED PAR 50w Black Par DMX	
Sample Number		
Date(YYYY/MM/DD)	2020/5/6 10:36:31	
Manufacturer	Pro Shop Showtech	
Tester	HTH	
Temperature(°C)	20	Re. Humidity(%)
Reviewer		



CIE1931 Chromaticity Diagram



Radar Diagram of CRI

Photometry and Chromaticity

CIE_x	0.3241	Duv	-0.0021
CIE_y	0.3296	λ_d (nm)	486.3
CIE_u'	0.2055	Purity(%)	3
CIE_v'	0.4703	FWHM(nm)	26
CCT(K)	5907	SP ratio	1.93
Illuminance(lx)	1338	PPFD($\mu\text{mol}/\text{m}^2 \text{ s}$)	19.4
λ_p (nm)	449	CRI(Ra)	74
TLCI(Qa)	48.9	GAI	88.0
GAI BB8	93	GAI BB15	98
TM-30 Rf	69	TM-30 Rg	95

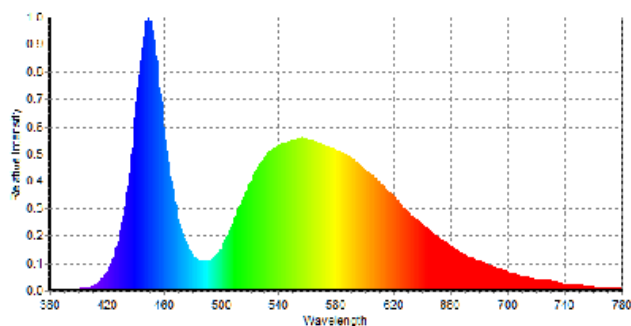
CQS-Qa	70	Re(thru R1~R15)	64
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R1	73.4	R6	66.9	R11	70.8
R2	77.4	R7	82.0	R12	41.6
R3	76.3	R8	65.2	R13	73.5
R4	75.1	R9	-10.0	R14	86.2
R5	73.2	R10	42.4	R15	70.9

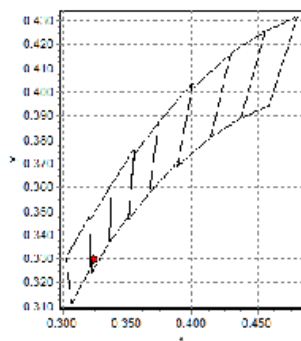
Flicker Frequency(Hz)

Flicker %

Flicker Index



Spectral Distribution



C78.377-2008