

# Cultural Heritage

## Phase One D8 R+ LED Panel

Manufactured exclusively for Phase One by Akurat Lighting.

Featuring extremely high quality LEDs coupled with even diffusion, the D8 R+ LED Panel has a CRI value >98 at 100% brightness.

The D8 R+ LED Panel produces flicker free lighting suitable for any high end digitization project where even lighting and color accuracy are paramount.



### Key benefits and features

- Flat LED panel with extremely even illumination
- Excellent color accuracy - CRI >98 at 100% brightness
- Flicker free - LEDs powered by direct current with no ripples
- Easy to handle, with angled yoke bracket for easy tilting of the panel
- Excellent diffusion
- Panel size 540x330mm
- Overall size 680x390mm
- Durability of LEDs - 50,000 hours
- Weight including AC adapter, yoke and mount - 5.5Kg
- Limited three year manufacturer warranty included
- Optional Accessory Kit includes barn doors and honeycomb grid

# Phase One D8 R+ LED Panel

## Technical specifications

Photometric specification	Average illuminance @ distance [lx]					
	Power	1m	1,2m	1,8m	2,4m	3m
130W	3600	2500	1100	620	400	220
	3000	2080	920	500	320	180
					6500K	2700K
Angle of beam (deg.)	90					
Corelated colour temperature CCT (K)	2700/6500			Tungsten (+/-150K) /daylight (+/-300K) adjusted in increments of 50 Kelvins		
Colour rendering index CRI	Ra>98					
Television lighting consistency index TLCI	99-100					
Flickering	Flicker free					
Dimming (%)	50-100			Adjusted in increments of 2%		
Electrical specification	Nominal voltage (V)	C12-18				
	Max power (W)	130/120		AC/DC source		
	Power source (V)	Ac 90-264		V-Lock or Gold Mount battery plates ordered separately		
	Remote control	DMX, W-DMX		Wireless W-DMX as an option, ordered separately		
Mechanical specification	Amount of light sources (LEDs) (pcs.)	480		Middle power SMD		
	Width (mm)	540				
	Height (without yoke) (mm)	330				
	Depth (without driver) (mm)	43				
	Width (with fixing levers) (mm)	680				
	Height incl. Yoke and mount (mm)	390				
	Key material of body	Aluminum				
	Weight with AC adapter, yoke and mount (kg)	5,5				
Environmental specification	Cooling system	Passive				
	Operating ambient temperature (°C)	-10 to 40				
	Storage ambient temperature (°C)	-40 to 80				
	Max. ambient humidity (%)	85				
Other	Durability of LEDs (h)	50,000				
	Available accessories	Yes		Barndoors, raster grid		

