

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]						
		1m	1,2m	1,8m	2,4m	3m	4m	
Power	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		

