

### Orion Single

Single compartment floor-standing cyc light, with 5m power cable to bare ends.

W 1250W W 230/240V 4.5kg \* 4550 Lux ◀ 1.2m  
 X 245 x 290mm 5kg 0.028m³ ✓ EN60598 2-17

#### Cat. No. Description

26010 Orion single unit groundrow

### Orion 4

Choice of a 4-way rigid or 4-way hinged floor-standing cyc light. The hinged version is designed to adjust for the curve of a cyclorama. Supplied with 9-pin recessed male input connector, and short 9 core output cable to female socket for connecting to adjacent unit.

W 1250W W 230/240V 14.5kg \* 4550 Lux (per compartment) ◀ 1.2m X 245 x 290mm 16.5kg  
 0.153m³ ✓ EN60598 2-17

#### Cat. No. Description

26040 Orion 4 Rigid groundrow

26050 Orion 4 Hinged groundrow

### Orion Accessories

#### Cat. No. Description

43104 P2/10, 625W 240V lamp

43103 P2/10, 625W 230V lamp

43074 P2/7, 1000W 240V lamp

43073 P2/7, 1000W 230V lamp

43124 P2/12, 1250W 240V lamp

43123 P2/12, 1250W 230V lamp

28001 Additional colour frame

28002 7m Feeder Cable, Orion 4

28000 Cover feeder cable connector

### Iadi

Iadi Cyc has an asymmetric reflector and is used for lighting cycloramas and backings in studios and on locations. Iadi Cyc is supplied with integral safety mesh, barndoors, aluminium stirrup with 16mm socket and 4m of 3-core cable with in-line switch.

W 1000W W 230/240V 98° 2.3kg 2.7kg  
 0.01m³ ✓ EN60598 2-17

#### Cat. No. Description

26030 Iadi Cyc 1000W Cyclight

### Iadi Accessories

#### Cat. No. Description

43204 P2/20, 1000W 240V lamp

43203 P2/20, 1000W 230V lamp

43114 P2/11, 800W 240V lamp

43113 P2/11, 800W 230V lamp

44014 KI 500W 240V lamp

44013 KI 500W 230V lamp

28003 Set of 4 reflectors for barndoors

28004 Full Double Scrim

28005 Full Single Scrim

28006 Dichroic Filter

28007 Opal Glass Diffuser

82000 Safety cable, light duty (up to 16kg)

82023 16mm Spigot Adaptor

82024 29mm Spigot/16mm Socket

82600 Magic Arm Set

82601 Adjustable Skyhook with 2 Spigots

82602 Small Gaffer Grip 16mm Spigot

81007 Apollo stand, black

81005 Spartan stand, black

81001 Table stand with 16mm spigot

# 2.4.3

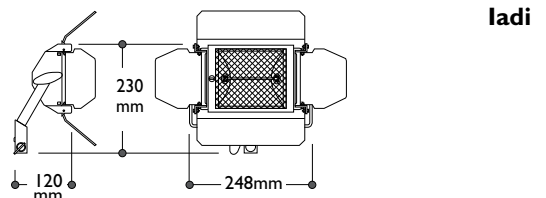
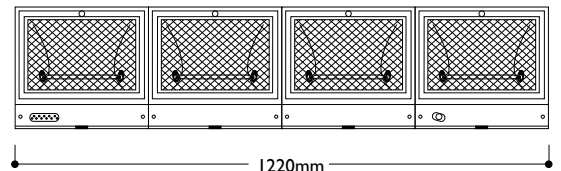
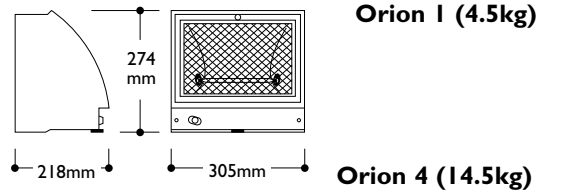
## CYCLORAMA LIGHTS

# ORION™

## 625W, 1000W, 1250W

# IADI™

## 1000W, 800W



### Orion

- Floor-standing high-quality groundrow units for even coverage of TV studio cycloramas
- Single, 4-compartment fixed, and 4-compartment hinged versions
- Accepts 625W, 1000W or 1250W linear 189mm tungsten halogen 3200K lamps
- Supplied in black, with wire guard and colour frame
- Orion single fitted with 5m supply cable. Orion 4 has 9-pin male power input socket and short tail with female plug for 4-circuit operation (9-core to 4 x 3 core splitter cable required for 4-circuit power input)

### Iadi

- Compact, high power cyc light in black finish
- Ideal for cyc lighting and backlighting in small video and TV studios, and on location
- Accepts 800W or 1000W 119mm linear tungsten halogen 3200K lamps or 200W, 300W or 500W K-type lamps
- Stirrup has 16mm female socket
- Supplied with integral wire guard and barndoors with colour filter clips, stirrup with 16mm female socket and 4m power cable with in-line switch

### A GUIDE TO SYMBOLS AND ABBREVIATIONS

**GENERAL** W Supply voltage V Weight of product P Packed weight PV Packed volume O Overall dimension of product ✓ Compliance with international standards W Watts (maximum recommended) ◀ Beam angle ◀ Throw (usual working distance from subject in metres) \* Illuminance (maximum lux at throw distance stated with lamp recommended or supplied) X Colour filter cut size IP International Protection Standard (Ingress protection standard for dust, solids and moisture) IEC529

**Photometric Data**

Orion groundrows are designed to evenly illuminate a cyclorama and rely on the overlap of light from adjacent compartments. They are intended to be placed 1.2m from the bottom of the cyclorama with 1.2m spacing between each compartment of each colour circuit. Orion groundrows can be used in conjunction with Iris top-lights to cover higher cycloramas or to provide mixed colour washes

A guide to performance at different heights on the cyclorama is given below

**Orion - P2/7 1000W lamp**

Height from base or top of cyc (metres)	1	2	3	4	5
Lux	1900	1450	975	675	475

**Iadi - P2/20 1000W lamp\*\***

Vertical Beam Angle	50°				
Distance from cyc	1.2m				
Height from base or top of cyc (metres)	1	2	3	4	5
Lux	1900	1450	975	675	475

\*\*Based on overlapping units on 1.2m lateral spacing

**Lamp Data**

Specify lamps for replacement to the following specifications and indicate voltage

	Orion			Iadi		
	625W	1000W	1250W	500W	800W	1000W
<b>Designation</b>	P2/10	P2/7	P2/12	K1	P2/11	P2/20
<b>Base</b>	R7s	R7s	R7s	R7s	R7s	R7s
<b>Lumens</b>	16900	26000	35000	9500	22000	25500
<b>Lamp Length</b>	189mm	189mm	189mm	119mm	119mm	119mm
<b>Rated Life-Hours</b>	200	200	200	2000	200	150
<b>Colour Temp</b>	3200K	3200K	3200K	3200K	3200K	2900K

**Electrical Data**

<b>Supply Voltage</b>	230/240V 50/60Hz
<b>Max Lamp per compartment</b>	1250W (Orion) 1000W (Iadi)
<b>Lamp Type/Base</b>	Orion: 189mm linear lamp R7s Iadi: 119mm linear lamp R7s
<b>Power Cable</b>	Orion 1: Fitted with 5 metres 3 x 1.5mm <sup>2</sup> cable. Orion 4: Fitted with flush fitting 9-pin male input socket and short 9 core x 1.5mm <sup>2</sup> cable fitted with moulded rubber clad female output connector. Separate 9 core to 4 x 3 core splitter cable required for connection to dimmer outlets. Wiring is designed for maximum 25 amps loading. Iadi: Fitted with 4 metres of 3 x 1.5mm <sup>2</sup> with double pole in-line switch.
<b>Standards Compliance</b>	EN60 598 2-17.

**Environmental Data**

<b>Max Operating Ambient Temp</b>	45°C
<b>IP Rating</b>	IP20
<b>Tilt/Recommended angles of use</b>	Iadi: -45° to +45°

**Mechanical Data**

<b>Paint/Finish</b>	Black powder coated epoxy paint.
<b>Lamp House</b>	The housings are constructed of formed sheet steel assembled with machine threaded screws and rivets for high strength and light weight.
<b>Reflector</b>	Asymmetric multi-curve reflectors of high reflectivity textured aluminium for smooth cyclorama illumination.
<b>Mounting Suspension</b>	Orion: Floor mounted. Iadi: Aluminium stirrup with 16mm socket.

**Weights and Dimensions**

	Orion	Iadi
<b>Weight</b>	4.5kg	2.3kg
<b>Depth</b>	218mm	119mm
<b>Width</b>	305mm	280mm
<b>Height</b>	247mm	228mm
<b>Colour Frame Size</b>	Orion: 245 x 290mm. Iadi: Integral barndoors with gel clips.	

**Operational Data**

<b>Lamp Access</b>	Through front of open face of fixture after colour frame and wireguard are removed.
<b>Pan Adjustment</b>	Iadi: 16mm socket with thumb screw locking.
<b>Tilt Adjustment</b>	Iadi: Heat insulated lock handle.



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