TYPICAL LIGHTING EQUIPMENT / ARRANGEMENT

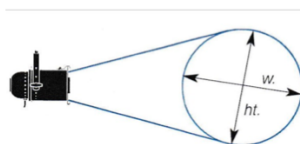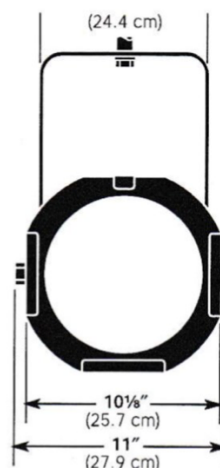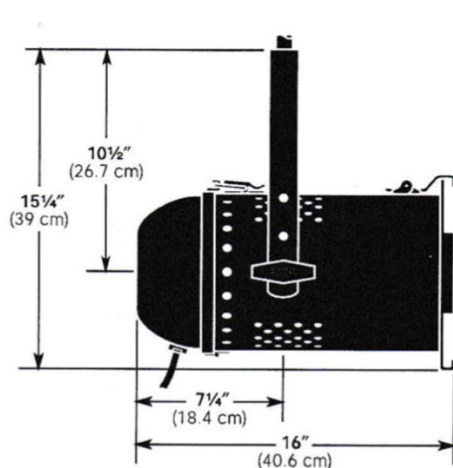**Par 64 Parcan, 1000w tungsten spot. General level used is 50% of capacity.**

KUPO™
Par 64

Kupo Par 64s are a low-cost, highly flexible luminaires designed for diverse applications. Intensities and beam spread are a function of the installed lamp, so any one unit can serve multiple purposes simply by changing the lamp type. In Australia they are normally used in pairs using a Y-spitter which runs the light in series and allow the use of 110v lamps at 240v as 110v lamps have a much longer life.

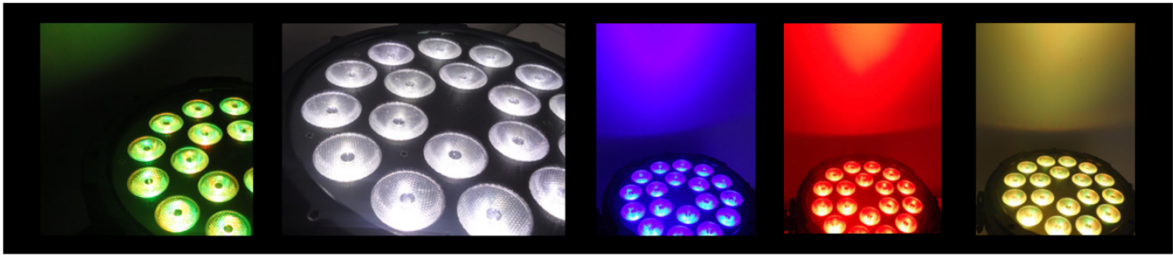| Light and power supply system			
Voltage	110V (use in pairs with splitter - 240v)	Average lifespan	4000 hours
Power	1000W	Colour Temp.	3000K
Lamp	NSP or MFL	Beam shaping	NSP = 8 x 15 degrees, MFL = 12 x 28 degrees
Appearance parameters			
Structure	Aluminium	Size	270 x 270 x 425mm
IP Rate	IP20	Net weight	2.9 Kg (with lamp)

Watts	ANSI code	Order code	Color temp. (°K)	Rated life (hrs)	Rated lumens	Beam shape	Candlepower (cd)	Beam angle	Field angle
1000	--	90-Q1000P64/NSP	3000	4000	8,500	NSP	180,000	8"x15°	14"x31°
1000	--	90-Q1000P64/MFL	3000	4000	10,000	MFL	80,000	12"x28°	22"x45°
1000	--	90-Q1000P64/WFL	3000	4000	13,500	WFL	33,000	24"x48°	45"x72°
1000	FFN	90-FFN	3200	600	11,000	VNSP	400,000	6"x12°	10"x24°
1000	FFP	90-FFP	3200	600	12,000	NSP	330,000	7"x14°	14"x26°
1000	FFR	90-FFR	3200	600	14,000	MFL	125,000	12"x28°	21"x44°
1000	FFS	90-FFS	3200	600	19,000	WFL	40,000	24"x48°	45"x71°

LED Par. General level used is 50% of capacity.

Specifications

Product	LED LitePAR Pro Quad-18
Code	LEDPAR181
Lamp Source	18 x 8W Quad Colour RGBW LED
Includes	Double yoke
	Neutrik powercon in/output
	Inbuilt macros
	Solid die-cast construction
Control Modes	DMX
	Auto
	Static Colour
DMX Connection	5 pin
DMX Channels	4, 5, 10
Optics	25°
Dimensions	30 x 33 x 11
Weight	5kg

Channel Allocation

	4	5	10
1	Red	Dimmer	Dimmer
2	Green	Red	Red
3	Blue	Green	Green
4	White	Blue	Blue
5		White	White
6			Colour Wheel, Temperature
7			Strobe
8			Macro
9			Speed
10			Secondary Dimmer

Moving lights, SPOT

PANORAMA IP65 SPOT

Categories: PROLIGHTS, Automated Fixtures / Moving Head, LED, Entertainment, Outdoor Fixtures, LED Profile, Production • SKU: MUSMOV105

The Panorama IP Spot has an IP65 rating and is powered by a 420W White LED source. It features a 5° to 50° Zoom, CMY Colour Mixing plus Linear CTO correction and Colour Wheel.

SEND AN ENQUIRY

ELECTRICAL

-Power supply: 100-240V – 50/60Hz

-Power consumption (at 230V): 492W

-Power consumption (at 120V): 501W

PHYSICAL

-Cooling: forced air with low noise fan

-Suspension and fixing: any position with quick-lock omega brackets

-Signal connection: Amphenol XLR 5p IN/OUT connectors

-Data connection: Art-Net RJ45 IN/OUT

-Power connection: Seetronic powerKon waterproof IN/OUT connectors

-IP rating: 65 for outdoor events

-Dimensions (WxHxD): 420x740x474mm

-Weight: 38kg

LIGHT SOURCE

-Source: 420W high power white LED

-CT: 7000K

-Lux: (5°) 21,362 lux @5m

-Lux: (50°) 1173 lux @5m Full

Moving lights, WASH

PANORAMA IP65 WASH

Categories: PROLIGHTS, Automated Fixtures / Moving Head, LED, Entertainment, Outdoor Fixtures, LED Wash, Production • SKU: MUSMOV110

Tag: Music & Lights

PROLIGHTS PANORAMA IP WBX is a stunning IP65 high-output, LED wash light with pixel ring designed to bring the workhorse LED washlight to outdoor events. Featuring 19 of Osrams new 40W RGBW Ostar LEDs, it delivers a massive output with a huge colour range and an extensive toolkit of effects.

SEND AN ENQUIRY

ELECTRICAL

-Power supply: 100-240V – 50/60Hz

-Power consumption (at 230V): 661W

-Power consumption (at 120V): 698W

PHYSICAL

-Cooling: combination of heat pipe cooling system and low noise fan

-Suspension and fixing: any position with quick-lock omega brackets

-Signal connection: Seetronic XLR 5p IN/OUT connectors

-Data connection: Art-Net RJ45 IN/OUT

-Power connection: Neutrik powerCON TRUE1 IN connector

-IP rating: 65 for outdoor events

-Dimensions (WxHxD): 529x676x312mm

-Weight: 35kg

LIGHT SOURCE

-Source: 19x40W RGBW Osram Ostar LEDs

-Lux: (3°) 60000 lux (45°) 5010lux @3m full

-Lux: (3°) 31500 lux (45°) 2000lux @5m full

Moving lights, Perseo Spot

Technical specifications

OPTICS
- 13-elements, 8:1 zoom high-resolution optic system
- Beam aperture: 7° to 58°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 148 mm frontal lens for greater performance

LIGHT SOURCE
Perseo-S
- 40,000 lumens 8000 K white light engine
- Total luminaire output: up to 27,400 lumens
- Colour temperature output: 7000 K
- CRI: greater than 70

Perseo-TC
- 34,000 lumens 7000 K white light engine
- Total luminaire output: up to 25,000 lumens
- Colour temperature output: 6000 K
- CRI: greater than 90

Perseo-S & Perseo-TC
- Rated life (L70): up to 40,000 hours
- Flicker-free source management suitable for TV applications and all video-recorded events

MOVEMENT
- Extremely accurate positioning
- Moving-head operated via either 8- or 16-bit resolution
- High-resolution stepper motors operated via microprocessors to ensure extreme accuracy and smooth movement
- Pan and tilt automatic repositioning
- Moving head range: 540° (pan), 270° (tilt)

COLOURS
- Sophisticated colour mix system providing CMY colour mixing
- Variable CTO colour temperature correction
- Fixed colour wheel with six complementary colours

GOBOS
- Indexable rotating gobo wheels with 7 high-precision glass gobos, plus open position
- Adjustable-speed rotating gobo in both directions
- Fixed gobo wheel with 11 high-precision glass gobos (special shape), plus open position
- Gobo diameter (rotating gobo): 27 mm
- Image diameter: 22.0 mm
- Gobo thickness: 1.1 mm

FRAMING SYSTEM
- 4 individually positionable shutter blades on a 100% surface area in all positions
- Rotation of the framing system module: +/- 45°

IRIS DIAPHRAGM
- Fast iris diaphragm with adjustable dynamic effects
- Iris range: 15% to 100% open

FROSTS
- 2 frost filters: one light, one heavy

EFFECTS
- Focusable graphic animation effect-wheel with continuous rotation in both directions
- 2 rotating and indexable prisms: one 5-facet circular, one 4-facet linear

DIMMER / STROBE
- Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
- Strobe effect, with speed adjustment from 1 to 25 flashes per second

SOFTWARE FEATURES
- Local DMX addressing of luminaire and optional parameters through its built-in LCD control panel
- Remote DMX addressing of luminaire and optional parameters through a standard RDM DMX controller
- Information menu including hour counter, temperature, software version

HARDWARE FEATURES
- Graphic LCD display for addressing and special functions settings, with flip function
- 5 menu buttons to set the functions
- Excess temperature protection
- Integrated wireless CRMX TiMo™ RDM receiver from LumenRadio™

Perseo-IP65
- IP65 XLR 5-pin male and female connectors for DMX connection
- IP65 RJ45 IN / OUT connectors for ArtNet™ connection
- IP65 powerCON TRUE1 male connector for power connection

Perseo-IP66
- DMX IN / OUT tails to bare end for IP66 DMX connection
- Ethernet IN / OUT tails to bare end for IP66 ArtNet™ connection
- Power tail to bare end for IP66 power connection

CONTROL
- DMX 512 protocol, through IP65 DMX cable or a wireless system
- DMX-RDM compatible
- Stand-alone mode and Master/Slave modes
- ArtNet™ & sACN protocol through IP65 Ethernet cable
- Local control panel, with IP65 LCD display
- Choice of 4 DMX modes (from 38 to 61 DMX channels)

POWER SUPPLY
- Electronic supply with active PFC
- 100 to 240 Volts – 50/60 Hz
- Power: 800 W maximum

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 self-adjusting variable speed fans for quiet operation (Auto mode)
- Selectable ventilation user modes with a new Silent Mode
- Safety protection against excess temperature

HOUSING
- Moving-head skeleton made of die-cast aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium and copper
- Moulded covers in die-cast aluminium
- Two-side handles for transportation
- Four heavy-duty feet for better stability
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Fastening bracket system: two Omega ¼ turn brackets designed for use with standard clamps
- Mounting points: four ¼ turn locking fittings allowing installation of Omega brackets on luminaire
- Safety cable attachment point

OPERATING PARAMETERS
- Operating positions: all (device on floor or fixed to a support)
- Maximum permitted ambient temperature (Ta max): 45 °C (113 °F)
- Minimum permitted ambient temperature (Ta min): -10 °C (14 °F)
- Minimum usage distance: 2.0 m (6.56 ft)

COMPLIANCE
EU (EMC & LVD):
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

US (Safety & EMC):
- UL 1573
- FCC Part 15, Subpart B: 2018

SIZE
- Product: 490 x 710 x 330 mm (l x h x d)
- Flight-case foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT
- Product: 38.8 kg

PRODUCT CODES
- 012440: PERSEO-S – CLASSICAL IP65 5 SERIES
- 012442: PERSEO-S – CLASSICAL IP66 5 SERIES
- 012450: PERSEO-TC – CLASSICAL IP65 5 SERIES
- 012452: PERSEO-TC – CLASSICAL IP66 5 SERIES

Moving lights, Skytracker 7kw

TYPICAL TRUSS AND TOWER RIGGING

PERSPECTIVE VIEW   NOT TO SCALE