



PALCO-6 Wash

Versatile, foldable, high output, color-changing wash light.



Description

Versatile, foldable, and built for performance.

The PALCO-6 Wash strikes the perfect balance between output, size, and flexibility making it the go-to fixture for rental houses and event designers. Its foldable design makes it easy to transport, set up, and store, helping reduce logistics costs and setup times.

Powered by RGBL LEDs with Color Boost Technology, it delivers high color rendering across the full CCT range. Add filters or barndoors for precise light control and creative freedom.

Features and benefits

- ✓ Powerful 40W RGBL LED with ColorBoost technology
- ✓ CRI 85+ (calibrated at 5600K CCT)
- ✓ DMX, RDM, ArtNet & sACN via 5-pin XLR and Ethernet
- ✓ IP65-rated for outdoor use
- ✓ Optional LumenRadio Wireless CRMX
- ✓ NFC setup with proprietary iOS & Android app

Certifications & classifications

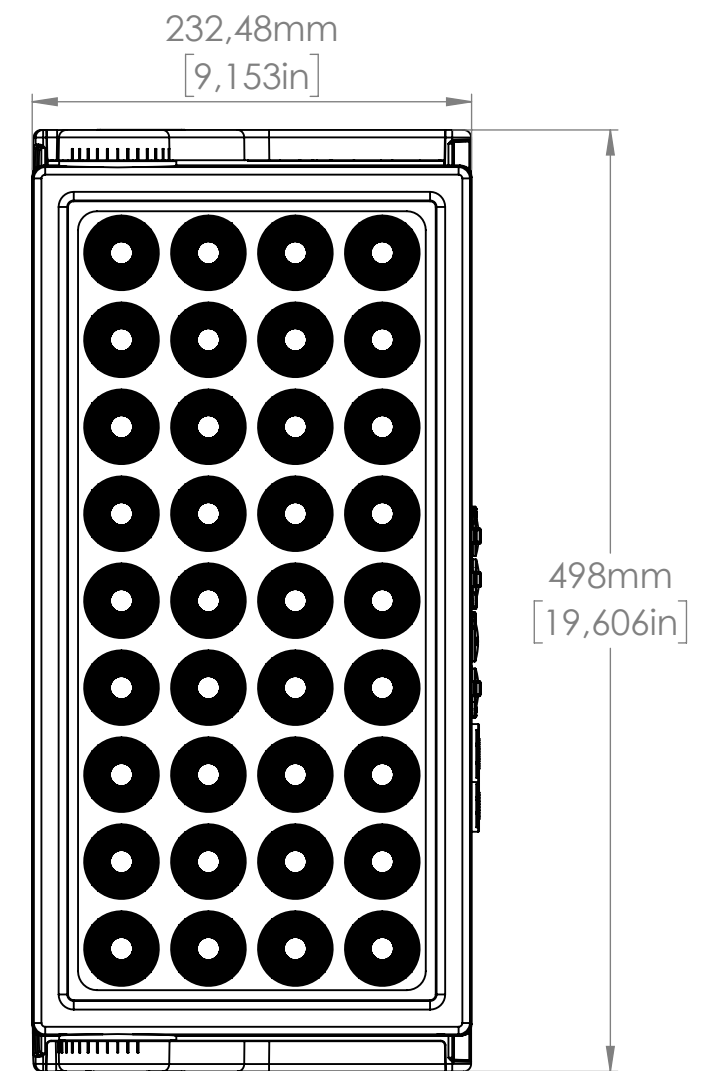
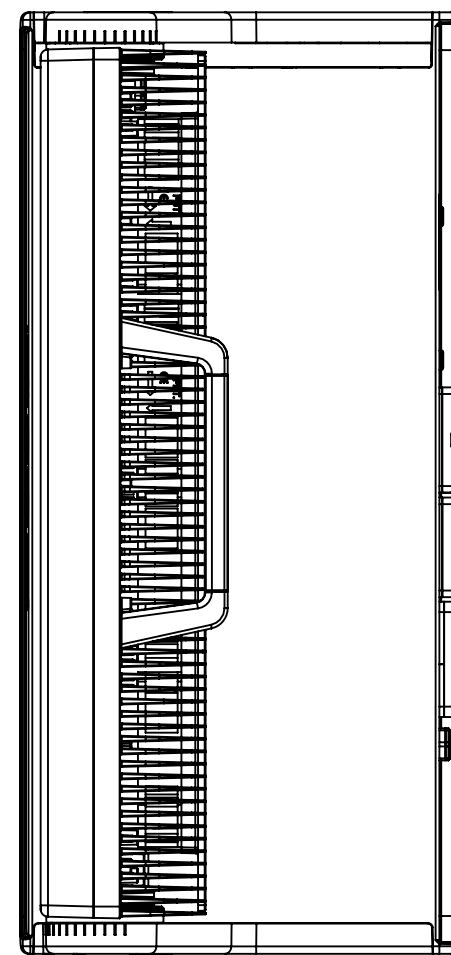
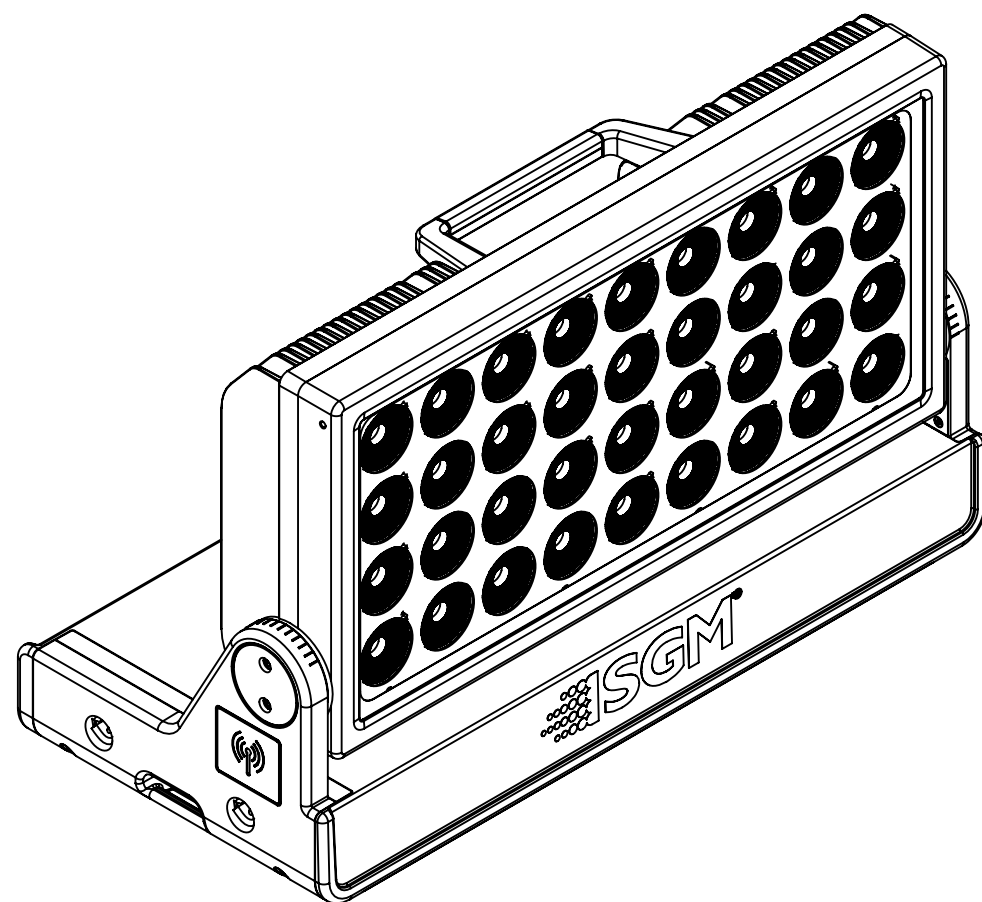
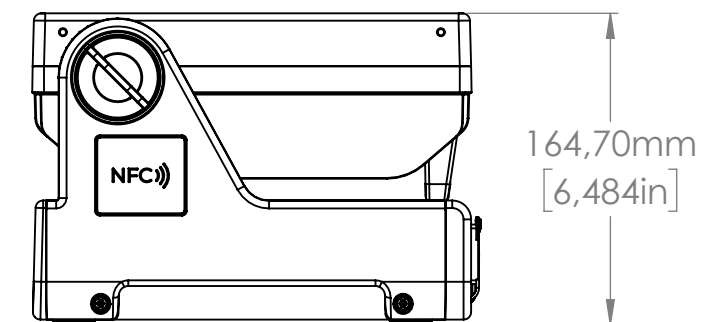
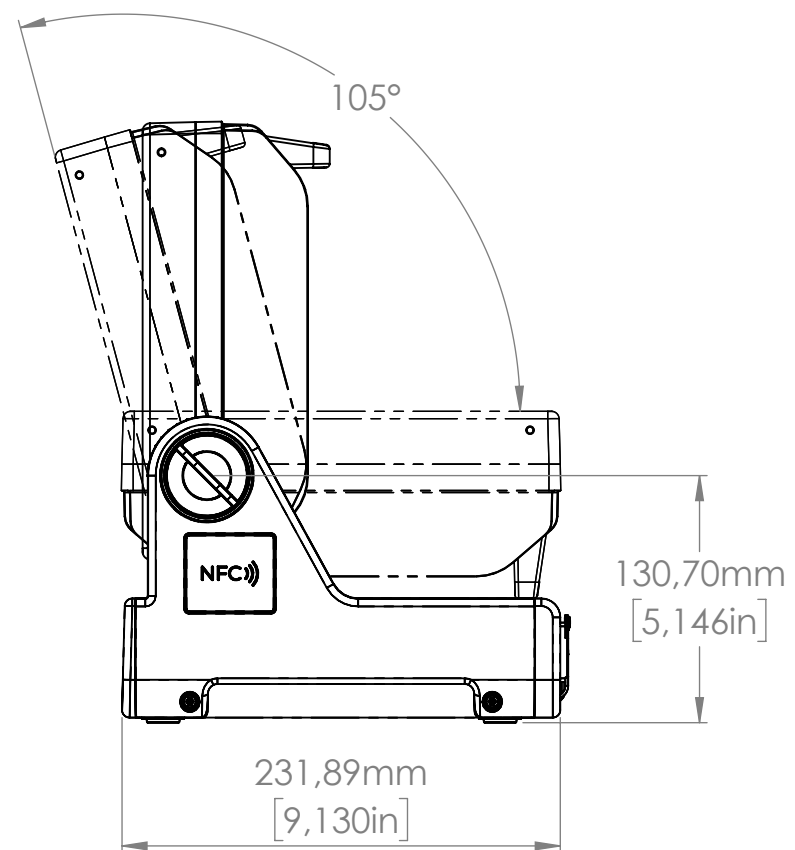
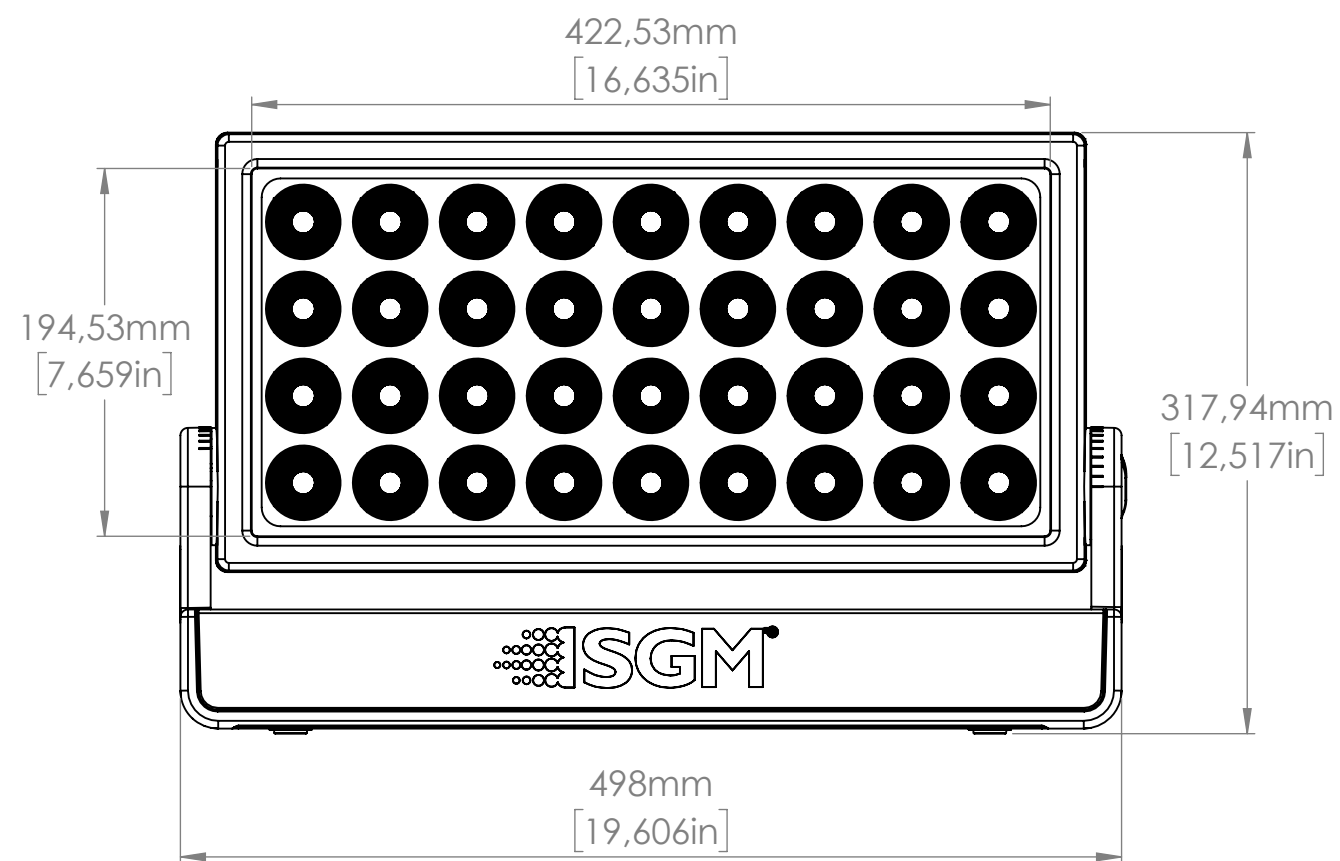
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INGRESS

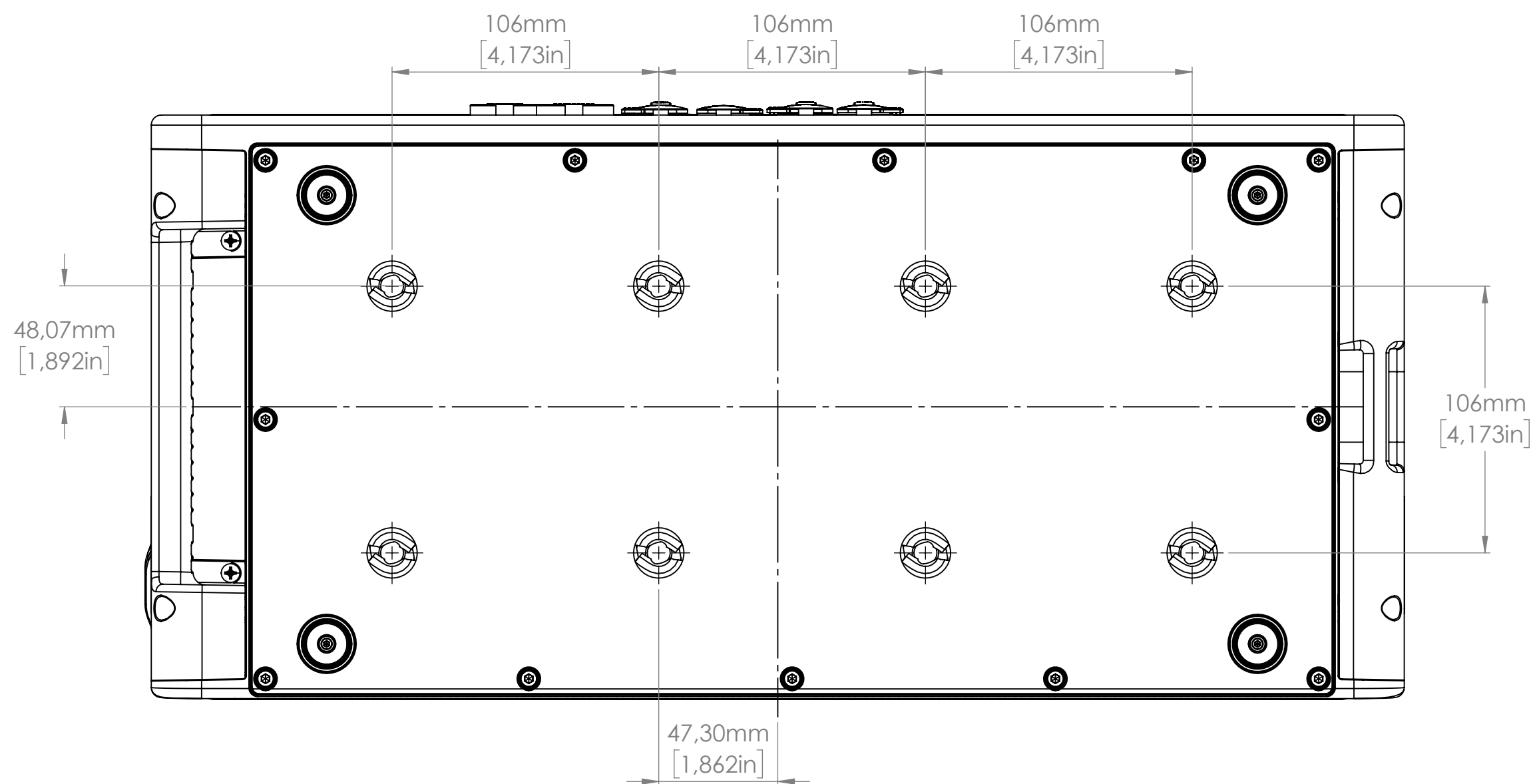
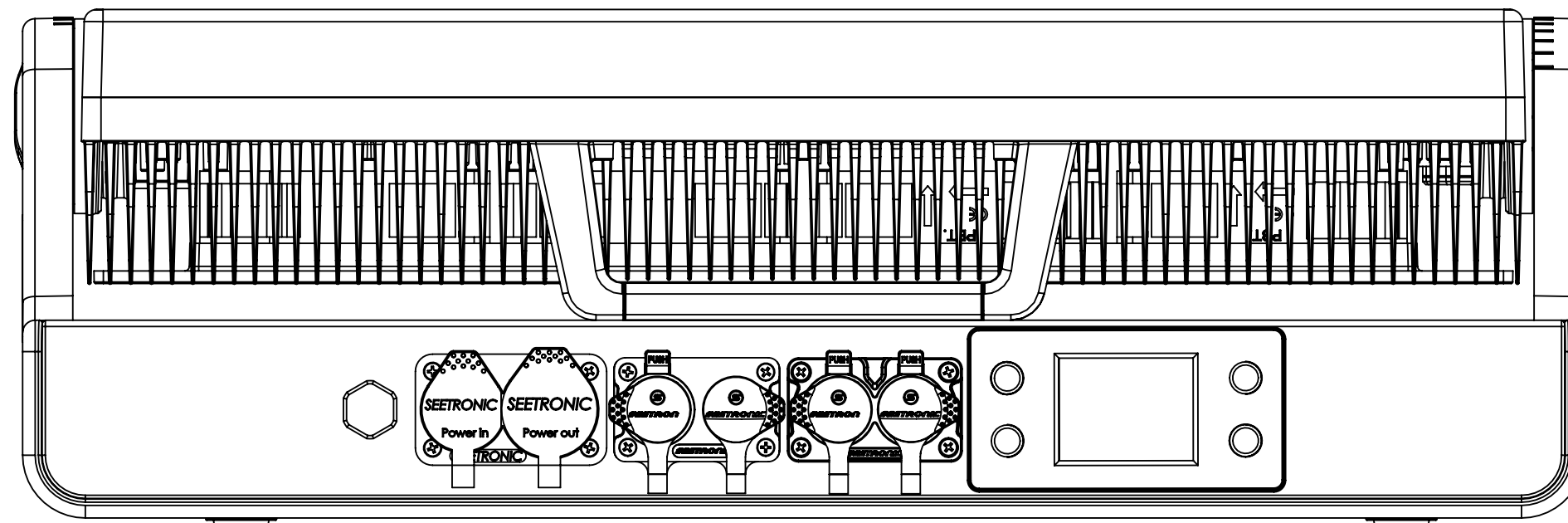
RoHS
COMPLIANT

CE

ETL
US

UK
CA





Specification

Optical Data

Dominant wavelength (λ_d) - blue	typical 452 nm*
Dominant wavelength (λ_d) - green	typical 527 nm*
Dominant wavelength (λ_d) - red	typical 625 nm*
LED expected lifetime (L70)	50,000 hours
Lightsources	36 X High Output RGBL LEDs
Notes	*: ± 1 nm measurement tolerance.
Optional filters	Wall Wash Filter, PALCO Narrow - 20° Green, PALCO Medium - 45° Red, PALCO Wide - 80° Blue, PALCO 10x60° Horizontal - Orange, PALCO 60x10° Vertical - Yellow, PALCO

Photometric

Average CQS (CTC)	89
Average RF / TM-30-15 (CTC)	84
Color temperature range	2000K - 10000K
Efficacy	42.7 lm/W*
Light output - all on	33357
Light output - blue	2311 lm
Light output - green	15714 lm
Light output - red	6824 lm
Lux @ 10m	5008 lux
Lux @ 3m	55645 lux
Lux @ 5m	20032 lux
Max. CRI @ 5600K	81
Max. TLCI @ 5600K	80
Native beam angle(s)	11°
Native field angle(s)	24°

Physical

Color options	Black - RAL 9004
IK rating	IK06
IP class	IP65
Lens material	PMMA
Material	Aluminium Plastic Stainless steel Tempered Glass
Net dimensions L x H x W (imperial)	19.6 x 12.5 x 9.1 inches
Net dimensions L x H x W (metric)	498 x 318 x 232 mm
Net weight	13 kg (28.7 lbs)

Electrical	Input voltage (nominal)	100 - 240 VAC; 50 / 60 Hz
	Max inrush current 230VAC	50 A
	Max power consumption	850 W
	Max power thru @ 100 V	8.4 A
	Max power thru @ 230 V	3.6 A
	Power factor	0.981 PF (230 V)
	Standby power consumption	25 W
Thermal	Cooling	Active, Forced Air, Temperature-regulated
	Humidity (max.)	98 %
	Temperature range, operating	-20°C to 50°C
	Temperature range, start-up	-20°C to 50°C
	Temperature range, storage	-20°C to 50°C
	Total heat dissipation, max power	2900.2 BTU per hour
	Total heat dissipation, standby	85.3 BTU per hour
Included items	Included items	2 Omega bracket with quater-turn fasteners

Ordering information

Qty	Product name	Item number
☐	PALCO-6 Wash	80300501
☐		
	Accessories	Item number
☐	Universal Frame for PALCO-6 Wash	83063128
☐	Barndoor & Universal Frame Bundle for PALCO-6 Wash	83063131
☐	Filter Set & Universal Frame Bundle for PALCO-6 Wash	83063134
☐	8-way Barndoors for PALCO-6 Wash	83063125
☐		



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