



PALCO-12 Wash

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



Description

Powerful, foldable, and made for large-scale impact.

When only maximum output will do, the PALCO-12 Wash delivers. Its foldable, compact design ensures easy transport, setup, and storage—perfect for touring, outdoor events, and high-demand productions.

RGBL LEDs with Color Boost Technology deliver exceptional brightness, vivid colors, and high color rendering throughout the full CCT range. With wired and wireless connectivity and accessory compatibility, the PALCO-12 Wash is built for professionals who demand both power and practicality.

Features and benefits

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

Certifications & classifications

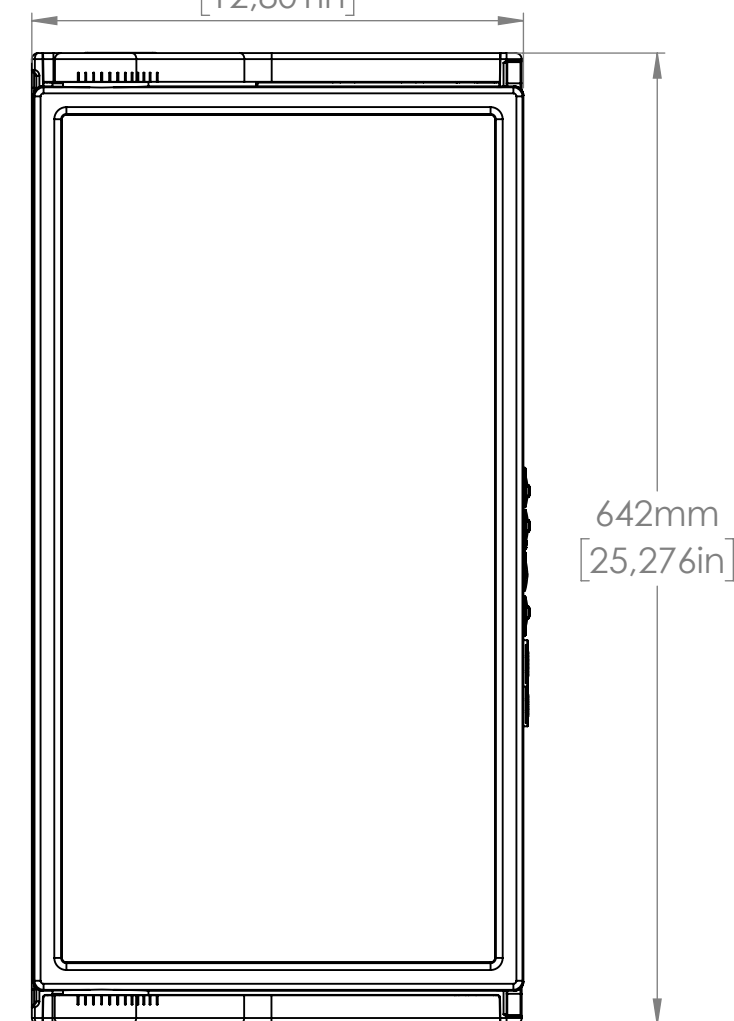
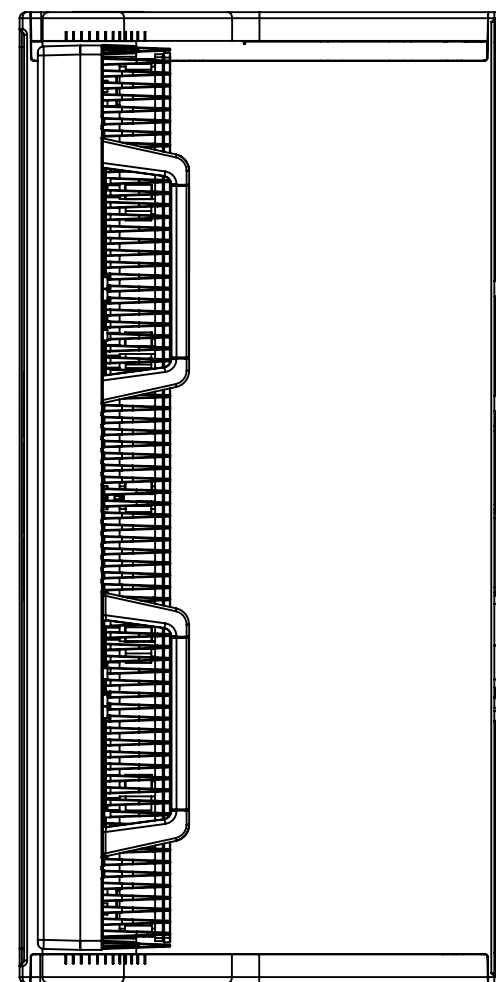
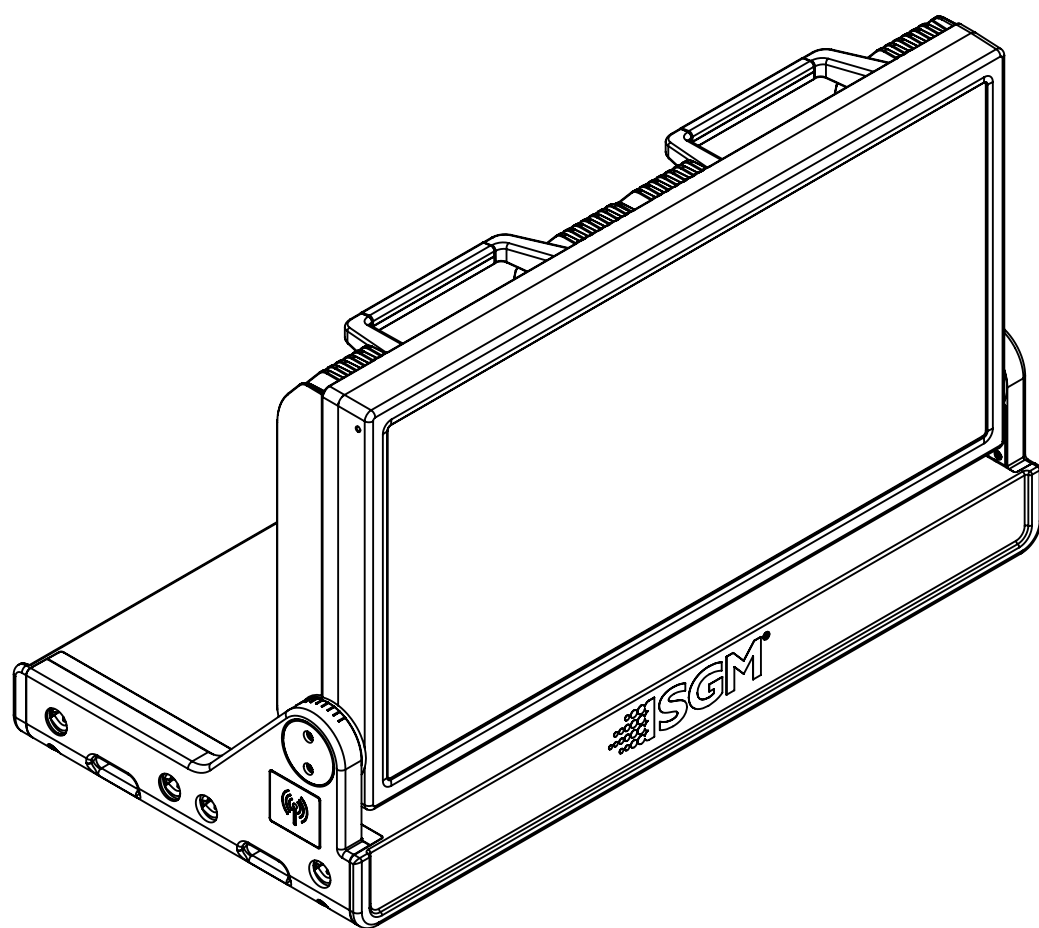
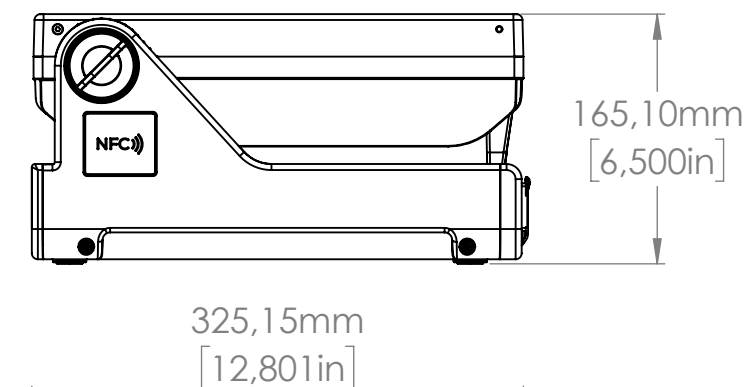
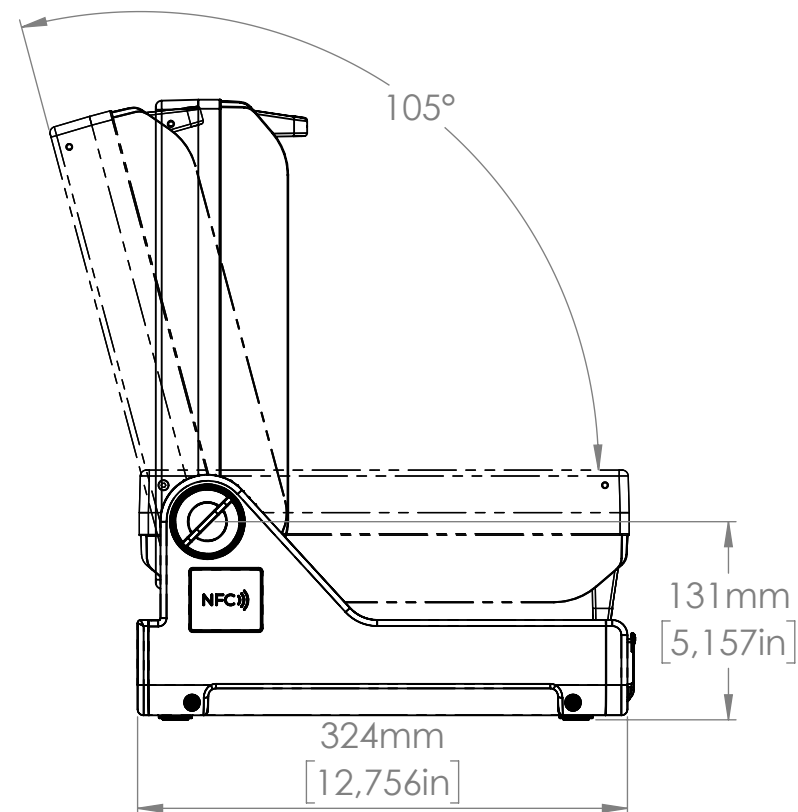
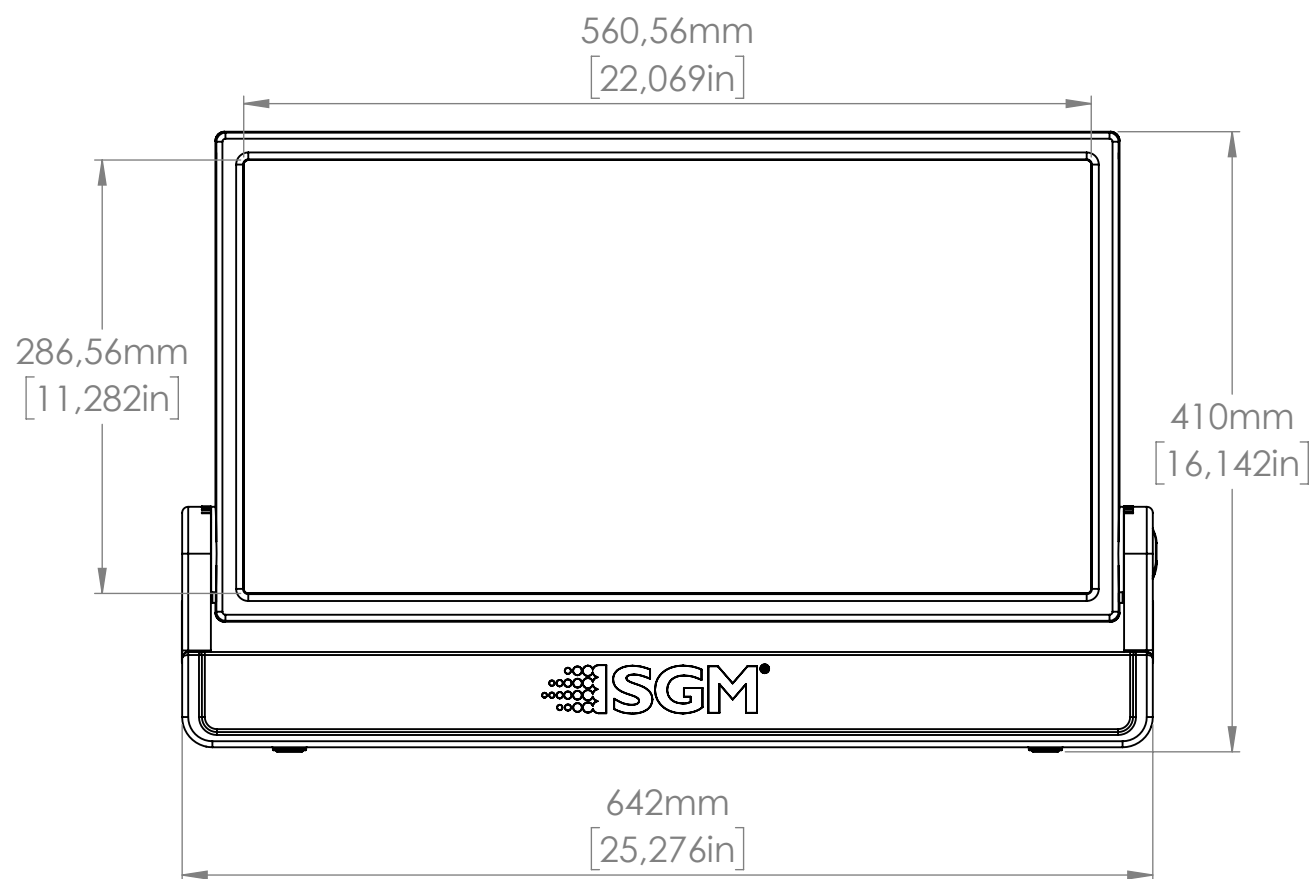
IP65
INGRESS

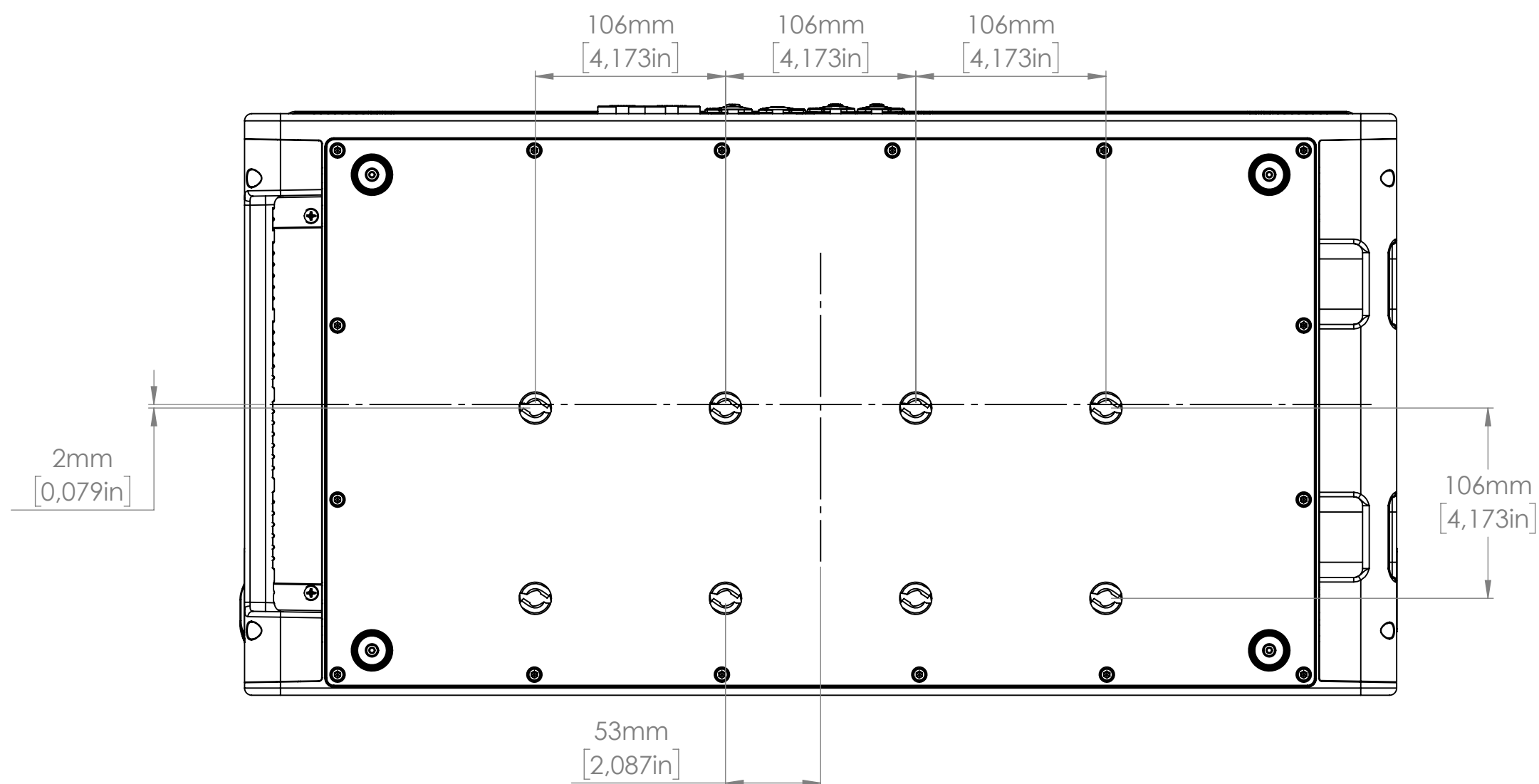
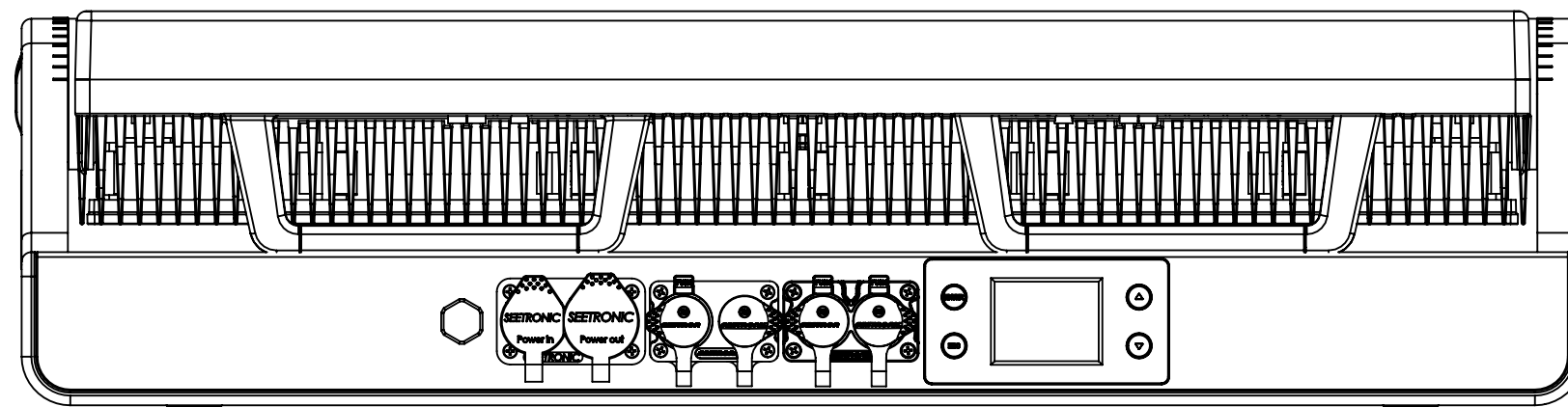
RoHS
COMPLIANT

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
Lightsource	72 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

Color temperature range	2000K - 10000K
Efficacy	37.4 lm/W*
Light output - all on	59936 lm*
Lux @ 10m	9645 lux
Lux @ 5m	38578 lux
Native beam angle(s)	13°
Native field angle(s)	27°
Preliminary light output all LEDs on	60000 lm

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)	25.3 x 12.8 x 6.5 inches
Net dimensions L x H x W (metric)	642 x 325.9 x 165.1 mm
Net weight	24 kg (52.9 lbs)

Electrical

Input voltage (nominal)	100 - 240 VAC; 50 / 60 Hz
Max inrush current 230VAC	50 A
Max power consumption	1600 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	5459.2 BTU per hour

Included items

Included items	2 Omega bracket with quater-turn fasteners
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Ordering information

Qty	Product name	Item number
☐	PALCO-12 Wash	80300502
☐		
	Accessories	Item number
☐	8-way Barndoors for PALCO-12 Wash	83063126
☐	Universal Frame for PALCO-12 Wash	83063129
☐	Barndoor & Universal Frame Bundle for PALCO-12 Wash	83063132
☐	Filter Set & Universal Frame Bundle for PALCO-12 Wash	83063135
☐		



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