

ArcPod 300FCLT

Exterior 2.5° narrow-beam Full Color wash light

ORDER CODE: **ARCP0D300FCLT**



Introducing the **ArcPod 300FCLT**, a narrow-beam wash LED luminaire delivering exceptional long-throw performance with precise, powerful color output. Equipped with a native 2.5° lens, it is perfect for large-scale exterior installations requiring long-distance projection, such as bridges, stadiums, and city towers. The **ArcPod 300FCLT** delivers 798 lux at 40 meters, providing directional and precise illumination to minimize light pollution. With an IP66 rating and C5M marine corrosion protection, it offers enhanced durability against liquids, sand, and salt. Weighing just 13 kg, the **ArcPod 300FCLT** is ideal for outdoor use, requiring minimal maintenance. Secure mounting and optical customization are ensured with a wide range of brackets and lens modifiers. Combining precision, durability, and advanced technology, the **ArcPod 300FCLT** sets a new benchmark in architectural lighting.

MAIN FEATURES

- Exterior narrow-beam Full Color wash light featuring 700 lux at 40mt
- Native 2.5° beam angle lens for long-throw projection
- IP66 with C5M for permanent exterior installation also in marine environment
- Comprehensive selection of optics, holographic filters and light modifiers

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: (6 x red, 6 x green, 6 x blue, 9 x white) 27x10W RGBW LED
- Source CCT: W: 6300K
- Luminous flux: (with 3° filter on-board) 10'573 lm @Full
- Lux: (with 3° filter on-board) 676lx @40 m full
- Lux: (with 3° filter on-board) 43'251lx @5 m full
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Optics: 3° holographic filter fitted on board
- Beam angle: (with 3° filter on-board) 4° - (only native lens) 2,5°
- Field angle: (with 3° filter on-board) 7,5 - (only native lens) 5,3°
- Lens type: TIR lenses
- Additional optics: different holographic filters available as options to put behind the glass - see available accessories

COLOUR SYSTEM

- Colour mixing: RGBW
- White presets: 2.800 K ~ 10.000K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built macros with adjustable speed

DYNAMIC EFFECTS

- Static mode: selection of static colour

CONTROL

- Supported Protocols: DMX512, RDM
- DMX channels: 5 / 7 / 10ch
- RDM: for remote addressing and parameter configuration
- Display: user interface through DATAMASTER external coder (not included)
- Master/Slave: for synchronised operation of more units linked in a chain

MOVEMENT

- Tilt: 0 - 130° with manual adjustment

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 ~ 30 Hz, electronic
- Selectable PWM: 600 to 25000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS

- Power connection: 1,8 m moulded IP power IN/OUT connectors
- Signal connection: 1,8 m moulded IP signal IN connector
- Adaptors: XLR and BARE END 16A adaptors included

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 260W
- Output (at 230V): 10 units on a single power line
- Output (at 120V): 5 units on a single power line
- Standby power: 3,5 W
- Power factor: > 0,95

PHYSICAL

- IP rating: IP66 for outdoor installations
- IK rating: IK08 impact rating
- Cooling: fan-free with natural convection
- Housing: Sturdy die-cast aluminium body, scratch-resistant C5M Marine Grade paint (as standard)
- Finish: basalt grey (RAL 7012)
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 584x304x114mm / 22.99"x11.97"x4.49"
- Weight: 12,2kg / 26.9lbs

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM

BOX CONTENT

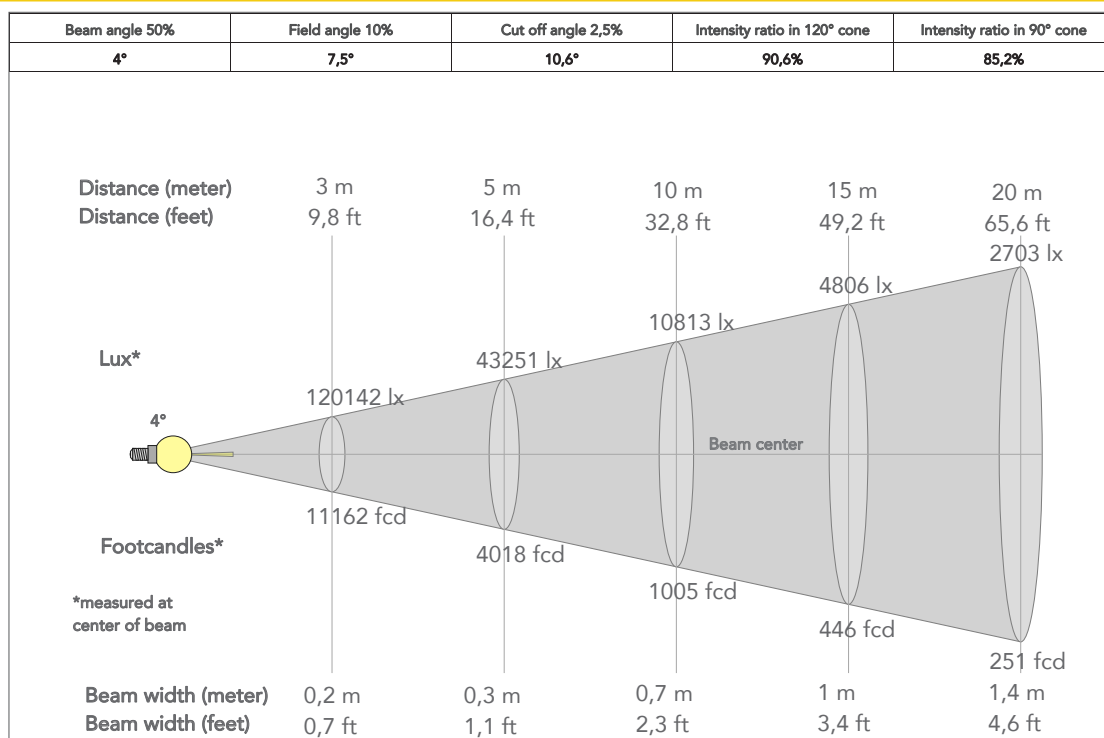
- 1 x ARCP0D300FCLT
- 1 x 0,28 meters 3G1mmq power cable (BARE END - IP connection adapter)
- 1 x 5p XLR - IP connection female adapter
- 1 x 5p XLR - IP connection male adapter
- User Manual

ACCESSORIES & RELATED PRODUCTS

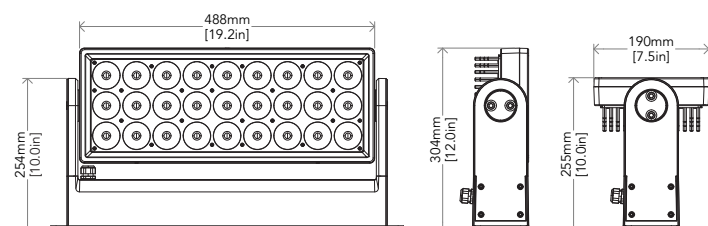
- A300FCLTFILT3/5/8 3°/5°/8° symmetric light diffusion filter for ARCPD300FCLT
- S48QBD Black barn door 4 directional flaps to adjust the light beam, SOLAR4Q,ARCPD48Q
- DATAMASTER RDM/DMX tool,cable tester, 5p XLR connectors,pouch, charging cable, XLR adapters
- AETHERLINK IP66 rated 1 Universe CRMX wireless transceiver for permanent outdoor installation
- AWEXAC1L0305/10/20 IP67 power extension cable for outdoor architectural projectors, L.03/05/10/20 m
- AWEXAC12ADP Power adapter from AWEXAC1 cable series to AWEXAC2 cable series
- AWEXDC1L03/05/10/20 IP67 DMX extension cable for outdoor architectural projectors, L.03/05/10/20 m
- AWEXDC1221ADP Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa
- C6002B Slim aluminium clamp, 200 kg loading, 48-51 mm tubes, M10 bolt
- RSR0630B Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET FULL ON

Beam angle 50%: 4°



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS

Visit our website for specifications and tech documentations



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