

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 700 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 12 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 798 lux at 40m
- 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
- CCT: W: 6300K
- Luminous flux: 10'573 lm @Full
- Lux: 676lx @40 m full
- Lux: 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

BODY

- Tilt range: 0 ~ 130° with manual regulation
- Body: sturdy die-cast aluminium body, scratch resistant paint C5M (as standard)
- Body colour: RAL 7012

CONTROL

- Protocols: DMX512, RDM
- DMX channels: 5 / 7 / 10 channel
- RDM: RDM for remote monitoring and settings
- Display: user interface through DATAMASTER external coder (not included)

ACCESSORIES & RELATED PRODUCTS

• DATAMASTER	RDM/DMX tool, cable tester, 5p XLR connectors, pouch, charging cable, XLR adapters
• CRMXB0XIP67	IP67 1 Universe CRMX Wireless Transceiver for exterior installation
• S48QBD	Black barn door 4 directional flaps to adjust the light beam, SOLAR4Q, ARCP0D48Q
• 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

- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (USB-DMX interface not included)
- Master/Slave: for synchronised operation of more units linked in a chain

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 ~ 30 Hz, electronic
- Operating temperature: -20° C / +45° C (-4° F / +113° F) Ta
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

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

PHYSICAL

- IP rating: IP66 for outdoor installations
- IK rating: 08
- Cooling: natural convection cooling enabled by a fanless design and a chassis engineered for passive heat dissipation
- Adaptors: XLR and BARE END 16A adaptors included
- Signal connection: 1,8 m moulded IP signal IN connector
- Power connection: 1,8 m moulded IP power IN/OUT connectors
- Dimensions (WxHxD): 584x304x114mm / 22.99"x11.97"x4.49"
- Weight: 12,2kg / 26.9lbs

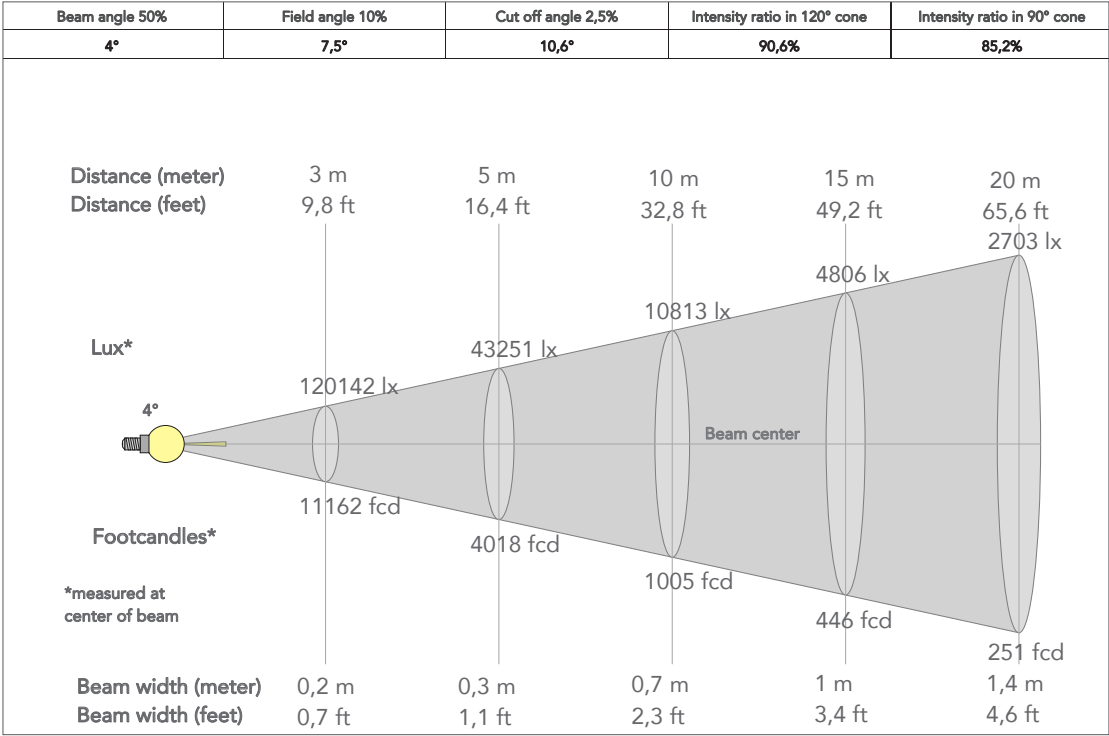
CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, RCM

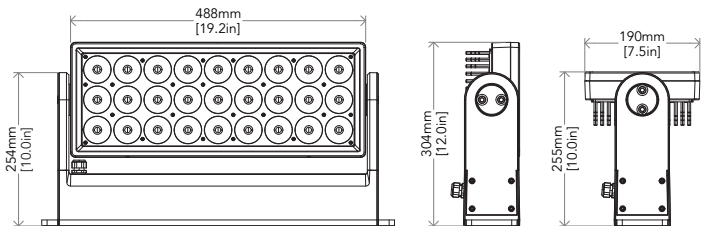
• AWEXDC1L03/05/10/20	IP67 DMX extension cable for outdoor architectural projectors, L.03/05/10/20 m
• AWEXDC1221ADP	Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa
• C6002B	Slim aluminium clamp, 200 kg loading, 48-51 mm tubes, M10 bolt
• RSR1235B	Steel security cable for hanging bodies, inox steel shackle
• UPBOX1	Firmware uploader kit, USB IN, 5pin XLR DMX OUT, USB OUT
• UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET FULL ON

Beam angle 50%: 4°



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS

