



Alphaeus 3 DW50

Dynamic White Linear LED - 50mm Pitch



Various sectors, from healthcare to corporate, have begun to explore the potential benefits of lighting that follow the natural sleep/wake cycles of the human body. Known as circadian lighting, these strategically designed systems may have the power to positively affect people's health, alertness, productivity, and more.

Applications

- Commercial
- Offices
- Healthcare
- Wellness & Relaxation

Features

- 2200K - 2700K - 3000K - 4000K - 5700K
- 80 or 90 CRI
- DALI - 0-10V - Casambi Bluetooth - DMX control
- 5590 to 10137 Lumens per 1228mm fitting 45°
- Three outputs: 33W, 48W, 69W.
- 10° - 25° - 32° - 45° - 50° x 11°
- 128mm > 1228mm (100mm increments)
- Cowl & louvre option
- Black, Silver anodised or custom finish
- Adjustable or custom brackets
- Constant current drivers
- Seoul Z5 - M4
- IP67

Benefits

- Various tuneable CCT options
- Colour rendering options
- Fully dimmable
- Medium & economy options
- Power options (based on 2700K-5700K CRI80 1228mm)
- Various beam angles
- 12 lengths available
- Anti-glare options
- Various finish options
- Mounting options
- Drivers mounted up to 50mtrs
- Latest high performance LEDs
- Environmentally friendly
- External use

Outputs

Lumen output: (Based on 1228mm 45°)	Low	Medium	High
Ch 1 - 2700K CRI80	2670	3560	4841
Ch 2 - 5700K CRI80	2920	3894	5296
Driver Current (mA)	500	700	1000
Power (Watts) 2XCH	33.2	47.4	69.4

Technical Information

Colours	Dynamic White 2200K • 2700K • 3000K • 4000K • 5700K
CRI	>80 • >90
LED Chip	Seoul Z5-M4
LED's Per Fitting (1228mm)	24 (12 each channel)
Control	0-10V • DALI • DMX • Bluetooth
Beam Angles	10° • 25° • 32° • 45° • 50°x11°
Lifetime @ LM80	50,000hrs @ 25°C
Operating Temp	-25°C to 55°C
IP Rating	IP67
Lens	Toughened Screen Printed Clear Glass
Finish	Anodised Aluminium Black Anodised Aluminium Custom Anodised
Mounting	Adjustable Brackets
Weight (kg/m)	2.30kg

Product Code

ALP3-DW50-1-2-3-4-5-6-7-8

Create your product code by choosing your specification from the product areas below. Final example codes are shown to the right.

1 Drive Current

1000mA **100** 700mA **70** 500mA **50**

2 Colour 1*

>80 CRI - 2200K **822**
>80 CRI - 2700K **827**
>80 CRI - 3000K **830**
>80 CRI - 4000K **840**
>90 CRI - 2700K **927**
>90 CRI - 3000K **930**
>90 CRI - 4000K **940**
>90 CRI - 5700K **957**

3 Colour 2*

>80 CRI - 2200K **822**
>80 CRI - 2700K **827**
>80 CRI - 3000K **830**
>80 CRI - 4000K **840**
>90 CRI - 2700K **927**
>90 CRI - 3000K **930**
>90 CRI - 4000K **940**
>90 CRI - 5700K **957**

* 2200K not available in CR80 or CRI90 **

Special anodised aluminium colour finishes available on request

ALP3-DW50-70-830-827-45-AA-A-X-1228

ALP3-DW50-50-957-940-10-BB-C-X-1028

Example Codes

4 Optics

10° **10** 45° **45**
25° **25** 50°x11° **5011**
32° **32**

5 Finish**

Anodised Aluminium **AA**
Anodised Black **AB**
Anodised Custom **AC**

6 Bracket

Adjustable **A**
Custom **C**

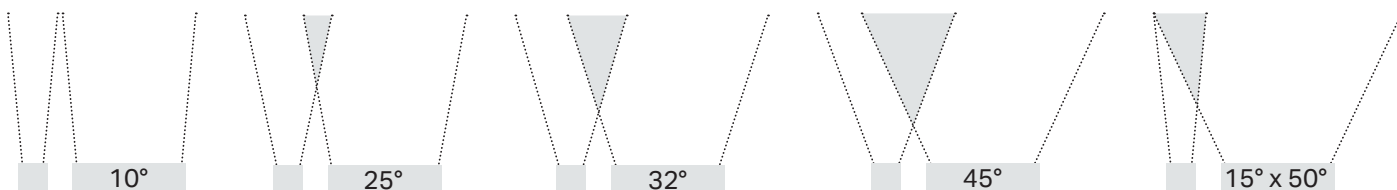
7 Anti-Glare

None **X**
Cowl **C**
Louvre **L**

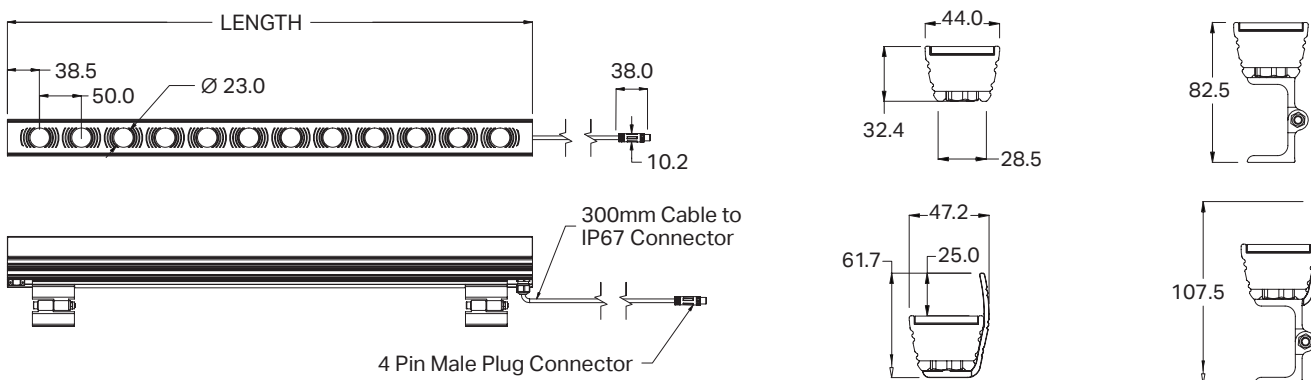
8 Length

1228mm 1228	828mm 0828	428mm 0428
1128mm 1128	728mm 0728	328mm 0328
1028mm 1028	628mm 0628	228mm 0228
928mm 0928	528mm 0528	128mm 0128

Beam angles



Specification Drawings



Alphaeus 3 fittings are provided with a 300mm cable with male plug connector. Extension cables with female socket connector must be purchased separately with the below product codes.

4 Core M8 female assembly, PUR, 10000mm **CA084**

ALP-3-DW-0122

Complies with EN60598-1 and pertinent regulations

Specifications are subject to change without prior notice. Please refer to our website for most up to date version.



Contact our sales team for further assistance

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