DALIS - 861

DALIS - 8 COLOURS LED 150W

- **Type:** Asymmetric washlight
- **Source:** 8 colours LED 150W
- **Optics:** Asymmetric

The perfect LED alternative to traditional washlights!

Sharing the same qualities of control, colour mixing, coverage and silent operation as Dalis Cyclight, Dalis 861 is the perfect wash complement to the Dalis range. Configured into a rectangular format with 24 asymmetrical micro-reflectors and 8 LED emitters (6 colours plus a warm and a cool white) arranged in four rows, Dalis washlight gives access to a wide variety of saturated colours and pastel tones. Offering a very wide opening and a perfect even coverage,it is an ideal solution for side lighting, low-level light for dance, and as a short-form cyclorama luminaire when space is at premium.

Features

- **8-colour mixing LED system:** red, Green, Blue, Royal Blue, Amber, Cyan, Warm White (2200K), Cool White (6500K)
- **Very wide colour gamut:** the choice of the eight colours in association with the 16-bit control, results in an almost infinite range of repeatable colour possibilities
- **Impressive range of pastel tones:** desaturation of the colours possible with the addition of the Warm White and Cool White LEDs - no need to dim the light output
- **True tunable white:** from 2200K to 6500K - full spectrum to light backdrop
- **16-bit control of each colour:** precision dimming on every colour
- **Linear dimming curve:** no colour fading during dimming
- **Adjustable response time:** choice of fast or slow dimming for tungsten-like simulation - adjustment by DMX protocol
- **Strobe:** independent control of speed and duration
- **Easy control mode available:** preset calibrated colours with control of intensity and CCT
- **Universal data control:** compatible with DMX, RDM, Art-Net, sACN protocols
- **Easy setup:** locally and remotely by RDM protocol - integrated display
- **Angular sensor:** tilt angle displayed for perfect alignment of all the units
- **Dimming parameters:** choice of square or linear dimming curves
- **Tilt reference on hanging yoke:** index for rapid re-positioning

Optical

- **Exclusive patented optical system:** 24 micro optical asymmetric reflectors delivering superbly smooth coverage across any surface
- **High efficiency:** massive light output, small power consumption
- **Long life:** outstanding operational lifetime expectation, no need to replace lamps, low maintenance
- **High transmissive coated protective glass window:** ensures optimal light transmission
- **Electronic dimmer:** dimming without clipping or cut-out at low intensity levels; high quality smoothing

Construction

- **Made in Europe :** control over all aspects of quality
- **PSU:** built-in electronic flicker-free power supply for easy, plug-and-play installation
- **Ethernet-DMX node:** data IN through RJ45 connector; data OUT through DMX for daisy chaining
- **Power connectors:** neutriK® powerCON TRUE1 IN and OUT connectors for daisy chaining; delayed power out switching against inrush current
- **Fanless system:** convection cooling- perfect for sound sensitive applications - less maintenance required
- **Electronic thermal management system:** ensures maximum performance of the system without any risk of overheating
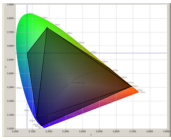
Picture:861

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Source

- **Lamp type:** LED - 8 colours
- **Power:** 138 W
- **Lumen output:** 10239 lm
- **Life:** 40000 hours (LM70)

Colours	Power *	Lumen output*	Colour temperature*	Life*	CRI* (min)
Red	9 W	694 lm		40 000 h	
Green	13 W	1 000 lm			
Blue	13 W	350 lm			
Royal blue	13 W	1 923 lm			
Cyan	12 W	448 lm			
Amber	13 W	592 lm			
Warm white	33 W	1 992 lm	2200K		80
Cool white	33 W	3 240 lm	6500K		70

(*) manufacturer's data

Optics

Characteristics

- **Type:** Asymmetric
- **Horizontal spread:** °
- **Vertical spread:** 90°

Installation and photometrics

Field lumens
7 000 lm

Efficacy
49 lm/W

Remote control

- **Data protocol:** USITT DMX512-A
  RDM / Art-Net / sACN
- **DMX chart:**

- **Data IN connector:** 5 pins XLR male + RJ45
- **Data OUT connector** 5 pins XLR female

Mode 1 (22 channels)	Mode 2 (13 channels)	Mode 3 (8 channels)	Mode 4 (7 channels)
Dimmer @16b	Dimmer @8b	Dimmer @16b	Dimmer @8b
8 colours @16b	8 colours @8b	Colour presets	Colour presets
Strobe: duration + speed	Strobe: duration + speed	CCT	CCT
Response time	Response time	Strobe: duration + speed	Strobe: duration + speed
Control mode	Control mode	Response time	Response time
		Control mode	Control mode

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Dimensions and weight
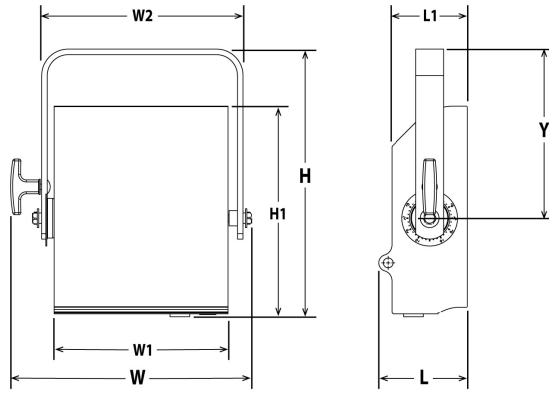
Weight: 6.5 kg (14.3 lbs)

Height	Length	Width	Yoke	Tilt	Option
H= 385 mm (15.2 in)	L= 127 mm (5 in)	W= 346 mm (13.6 in)	Y= 243 mm (9.6 in)	TD= 90°	TO= 90°
H1= 303 mm (11.9 in)	L1= 108 mm (4.3 in)	W1= 250 mm (9.8 in)			
		W2= 289 mm (11.4 in)			

Shipping

• **Weight :** 8.2 kg (18 lbs)

• **Volume :** .04 m^3 (1.34 ft^3)

Installation

• **Minimum distance to illuminated surface:** 0.2 m (0.7 ft)

• **Operating position:**
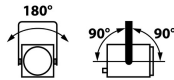
Warranty

• **Period: 2 years**
See General Sales Condition on website

Approvals

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Construction

· **Housing:** Steel sheet - Aluminium
· **Colour:** Black
· **Cooling:** Convection cooling
· **Maximum ambient temperature (Ta):** 40°C (104°F)
· **Maximum case temperature (Tc):** 70°C (158°F)
· **Total heat dissipation:** 481 BTU/h
· **Protection rating**: 20

Electrical compatibility

• 220/230 V - 50 Hz   • 220 V - 60 Hz
• 245 V - 50 Hz   • 100 V - 50 Hz
• 110/120 V - 60 Hz   • 100 V - 60 Hz
• 208 V - 60 Hz   Selector: automatic detection

Power input

• **Type:** Neutrik powerCON TRUE1 (connector included)

Power consumption

Voltage	Frequency	Current	Power	Power factor
230 V	50 Hz	0.8 A	141 W	0,72
120 V	60 Hz	1.3 A	143 W	0,91
100 V	60 Hz	1.5 A	142 W	0,92

Power Supply Unit

• **PSU:** Internal - Electronic PSU - Flicker free with PFC
• **Control:** Local / DMX
• **Protection:** -
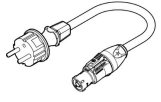• **Power thru:** Neutrik powerCON TRUE1 - Maximum of 20 units (230 V) / 10 units (120 V)

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Model

861	8 colours LED 150W Asymmetric washlight - 861 Dalis

Options

Accessories

CAL03	3 meter power cable (3G1,5 HO7RNF) with Neutrik PowerCon© True1 and CEE 7/7 (2P+T NF/SCHUKO) connectors	
CAL05	Combined Neutrik PowerCon© True1 / DMX (5 pins) patch cable - length: 1m	
872	Doughty "Twenty clamp" with M10 screw/nut for Ø48 to 51mm pipes - SWL: 20Kg - TÜV approved - Weight: ,25 Kg	
876	Hook clamp 40x10mm with 28mm M10 screw for Ø35 to 50mm pipes - SWL: 50Kg - Weight: 1,25 Kg	
880	Hook clamp 40x10mm with 28mm M10 screw for Ø50 to 63mm pipes - SWL: 50Kg - Weight: 1,36 Kg	
CS2	Safety cable Ø3 mm L= 600mm - SWL: 75 Kg	