DALIS - 860

860 - 8 COLOUR LED 300W

- **Type:** Cyclight
- **Source:** 8 colour LED 300W
- **Optics:** Asymmetric

Spice up your light

Dalis is an asymmetrical 300W LED cyclorama / wall wash luminaire designed to deliver powerful, smooth coverage and a huge variety of pastel and saturated colours. Dalis cyclight offers silent operation which is perfect for sound sensitive applications like opera houses and studios, and all theatrical, TV and entertainment applications.

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
• **Control of up to 4 groups:** colour variations with smooth transition by separating the unit into 2 or 4 sections
• **Strobe:** Independent control of speed and duration
• **Easy control mode:** Preset calibrated colours with control of intensity and CCT
• **Easy data control:** Compatible with DMX, RDM, Art-Net, sACN protocols
• **Easy setup:** locally (keypad / NFC) and remotely by RDM or TCP/IP - integrated display
• **Vertical mounting possible:** Allows easy creation of vertical colour fades (horizontal lines) – for sunrise / sunset creations
• **Adjustable feet:** Can be installed directly on the floor; simple retractable foot mechanism to aid floor focusing
• **QuickRig mounting system:** Spigots can be positionned anywhere along the unit to clamp anywhere on truss or light bars

Optical

• **Exclusive patented optical system:** 48 micro optical asymmetric reflectors spreading the light evenly across vertical surfaces
• **High efficency:** 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
• **Directional light:** Allows creation accurate linear sections
• **Dimming:** No clipping or cut-out below 20%; 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
• **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
• **QuickRig safety cables:** Easy and secure installation of the safety cable
• **Lightweight and compact:** easy to install in a row directly on the floor or hanged on lighting bar

Picture:860

ROBERT JULIAT

Source
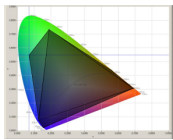
- **Lamp type:** LED - 8 colours
- **Power:** 275,2 W
- **Lumen output:** 20479 lm

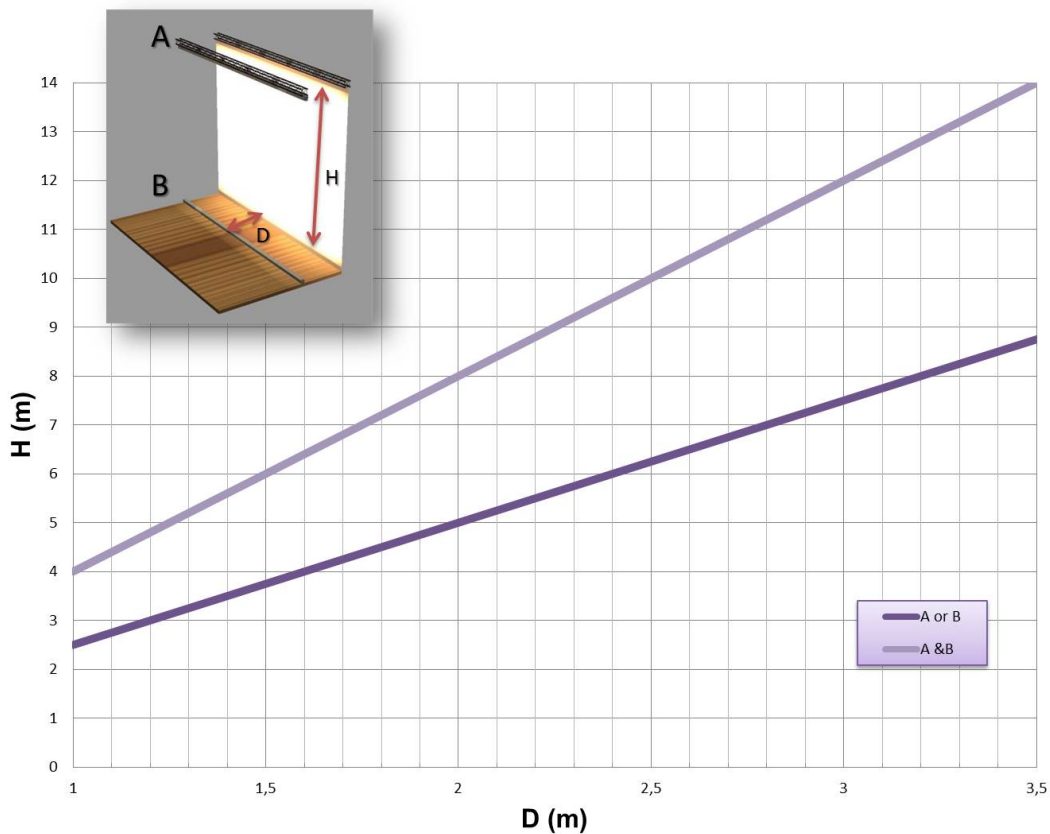| Colours	Power *	Lumen output*	Colour temperature*	CRI* (min)
Red	18,4 W	1 389 lm		
Green	26,4 W	2 000 lm		
Blue	25,6 W	700 lm		
Royal blue	25,6 W	3 846 lm		
Cyan	23,6 W	896 lm		
Amber	25,6 W	1 184 lm		
Warm white	65 W	3 984 lm	2200K	80
Cool white	65 W	6 480 lm	6500K	70

(*) manufacturers data

Optics

Characteristics

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

Installation

Remote control

- **Data protocol:** USITT DMX512-A
  RDM / Art-Net / sACN
- **Data IN connector:** 5 pins XLR male + RJ45
- **Data OUT connector** 5 pins XLR female

- **DMX chart:**

Mode 1 (68 channels)	Mode 2 (20 channels)	Mode 3 (13 channels)	Mode 4 (8 channels)	Mode 5 (8 channels)
Group1: 8 colours @16b	8 colours @16b	8 colours @8b	Dimmer @16b	Dimmer @8b
Group2: 8 colours @16b	Strobe: duration + speed	Strobe: duration + speed	Colour presets	Colour presets
Group3: 8 colours @16b	Response time	Response time	CCT	CCT
Group4: 8 colours @16b	Control mode	Gamma correction	Strobe: duration + speed	Strobe: duration + speed
Strobe: duration+speed		Control mode	Response time	Response time
Response time			Control mode	Gamma correction
Control mode				Control mode

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Dimensions, weight and volumes
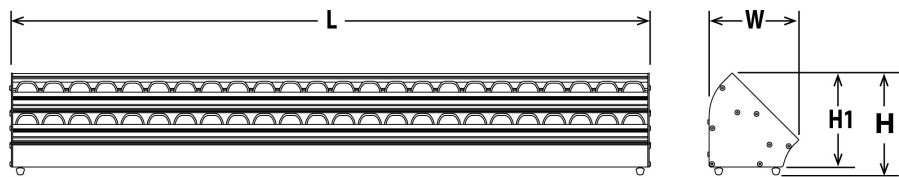
Weight: 11 kg (24.2 lbs)

Height	Length	Width	Yoke	Tilt
H= 159 mm (6.3 in) H1= 147 mm (5.8 in)	L= 1005 mm (39.6 in)	W= 143 mm (5.6 in)		TU= 5° TD= 5°

Shipping

- **Weight :**   13 kg (28.6 lbs)

- **Volume :**   .05 m^3 (1.91 ft^3)

Installation

- **Minimum distance to illuminated surface:** 0.2 m   (0.7 ft)
- **Operating position:**
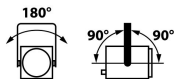
Warranty

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

Approvals

CE

Construction
- **Housing:** Extruded aluminium
- **Colour:** Black
- **Cooling:** Convection cooling
- **Maximum ambient temperature (Ta):** 40°C (104°F)
- **Maximum case temperature (Tc) :** 60°C (140°F)
- **Total heat dissipation:** 1 024 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		300 W	
245 V	50 Hz		300 W	
110 V	60 Hz		300 W	

Power Supply Unit

- **PSU:** Internal - Electronic PSU - Flicker free with PFC
- **Control:** Local / DMX
- **Protection:** -
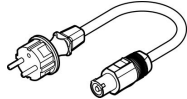- **Power thru:** Neutrik powerCON TRUE1 - Maximum of 12 units (230 V) / 6 units (110 V)

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Model

860	8 colour LED 300W Cyclight - 860 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	
885	Doughty "Supaclamp" (black) with 16mm spigot hole for Ø50mm pipes max. - SWL: 20Kg - Weight: ,45 Kg	
QR-Pin	16mm QuickRig pin	
QR-CS1	QuickRig safety cable Ø3mm L=600mm - SWL: 20 Kg	