DALIS - 862S

DALIS - VARIABLE WHITE LED 75 W

Footlight

- **Type:** Footlight
- **Source:** Variable White LED 75 W
- **Optics:** Asymmetric

Lighting reinvented

Offering a true tunable white from 2200K to 6500K, Dalis 862S is a compact footlight which incorporates 24 patented asymmetric reflectors arranged in a double row. Each row can be controlled independently offering long or short throw capacities and creating upstage or downstage lighting.
Set at the edge of the stage and not visible to the audience, Dalis 862S provides quality white light on performers from the front to the back of the stage. Each unit also integrates red and blue coloured position lights independently controlled, acting as a signal for the performers and also marking the edge of the stage.

Features

- **True tunable white:** from very warm (2200K) to daylight (6500K) to match every skin tones and moods on stage
- **2 red and blue coloured position lights:** individual control of each light acting as a signal and marking safely the edge of the stage without disturbing the audience
- **Adjustable response time:** choice of fast or slow dimming for tungsten-like simulation - adjustment by DMX protocol
- **Strobe:** independent control of speed and duration
- **Ethernet-DMX node:** data IN through RJ45 connector; data OUT through DMX for daisy chaining
- **Universal data control:** compatible with DMX, RDM, Art-Net, sACN protocols
- **Remote setup:** all parameters can be adjusted by RDM protocol
- **16-bit control:** independent and precision dimming on both warm and cool whites
- **Control of up to 2 groups:** precision lighting by separating the unit into 2 sections to target defined areas on stage
- **Dimming parameters:** choice of square or linear dimming curves
- **Adjustable feet:** can be installed directly on the floor; simple retractable foot mechanism to aid floor focusing

Optical

- **Double row arrangement optical system:** bottom row for downstage and top row for upstage lighting with independent control of light intensity
- **Exclusive patented optical system:** 24 micro optical asymmetric reflectors spreading the light evenly with very wide aperture (90°)
- **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
- **Power connectors:** neutriK® powerCON TRUE1 TOP IN and OUT connectors for daisy chaining; delayed power out switching against inrush current
- **Perfect integration on stage:** compact size - all controls and connections are under the unit to maintain clean sight lines
- **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:862S

DSEN293_862S - 13/09/2021
Robert Juliat reserves the right to change or alter any of the items detailed on this page, to increase or improve manufacturing techniques without prior notice.
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Source

- **Lamp type:** LED - 2 colours
- **Power:** 64 W
- **Lumen output:** 5232 lm
- **Life:** 40000 hours (LM70)

Colours	Power *	Lumen output*	Colour temperature*	CRI* (min)
Warm white	32 W	1 992 lm	2200K	80
Cool white	32 W	3 240 lm	6500K	70

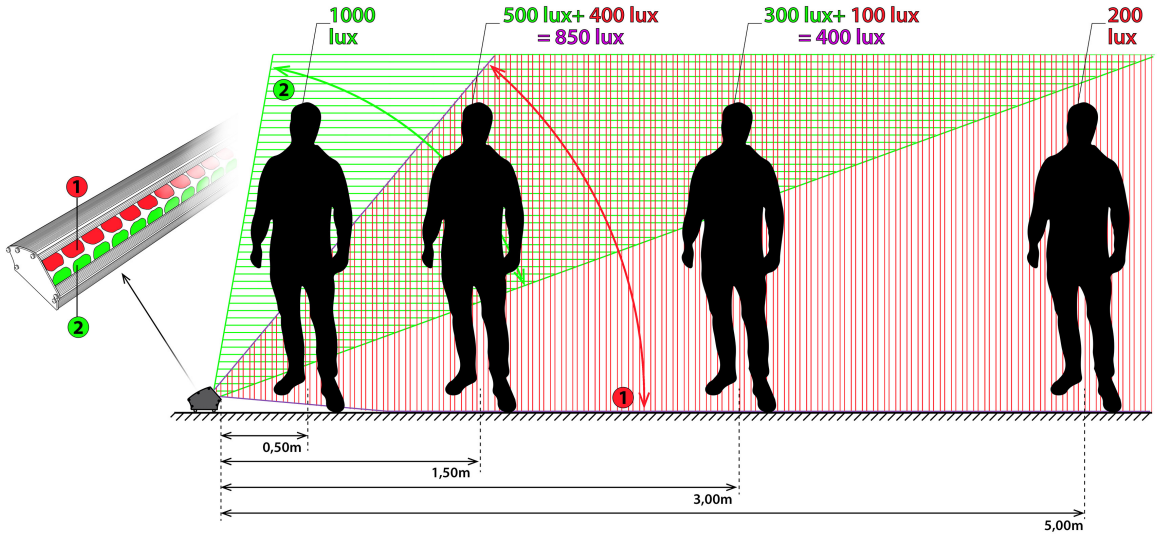
(*) manufacturer's data

Optics

Characteristics

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

Installation and photometrics



1: Top row for Upstage lighting - 2: Bottom row for Downstage lighting

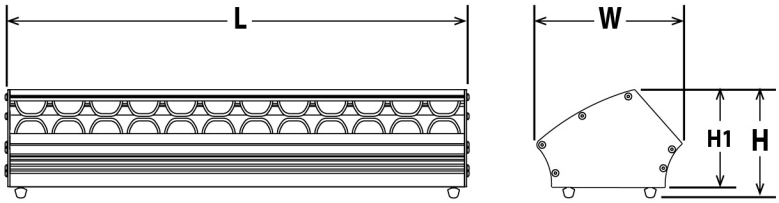
Remote control

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

- **DMX chart:**

Mode 1 (41 channels)	Mode 2 (19 channels)	Mode 3 (13 channels)	Mode 4 (11 channels)	Mode 5 (10 channels)	Mode 6 (56 channels)
Dimmer @16b	Up: Dim+CW+WW @16b	Up: Dim+CW+WW @8b	Dimmer @16b	Dimmer @8b	Up1: Dim+CW+WW @16b
Up: 2groups CW+WW @16b	Dwn: Dim+CW+WW @16b	Dwn: Dim+CW+WW @8b	Balance	Balance	Up2: Dim+CW+WW @16b
Dwn: 2groups CW+WW @16b	Strobe: duration+speed	Strobe: duration+speed	CCT	CCT	Dwn1: Dim+CW+WW @16b
Strobe: duration+speed	Response time	Response time	Strobe: duration+speed	Strobe: duration+speed	Dwn2: Dim+CW+WW @16b
Response time	Control mode	Control mode	Response time	Response time	
Control mode	Position light: blue+red+dim	Position light: blue+red+dim	Control mode	Control mode	
Position light: blue+red+dim			Position light: blue+red+dim	Position light: blue+red+dim	

Dimensions and weight



Weight: 5 kg (11 lbs)

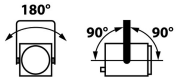
Height	Length	Width	Yoke	Tilt
H= 117 mm (4.6 in) H1= 105 mm (4.1 in) H2= 137 mm (5.4 in)	L= 505 mm (19.9 in)	W= 155 mm (6.1 in)		TU= 10° TD= 10°

Shipping

- **Weight :** 5.4 kg (11.9 lbs)
- **Volume :** .03 m^3 (.95 ft^3)

Installation

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



Warranty

- **Fixture: 3 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:** 249 BTU/h
- **Ingress Protection (IP) rating**: IP20

Electrical compatibility

- 220/230 V - 50 Hz
- 245 V - 50 Hz
- 110/120 V - 60 Hz
- 208 V - 60 Hz
- 220/230 V - 60 Hz
- 100 V - 50 Hz
- 100 V - 60 Hz

Selector: automatic detection

Power input

- **Type:** Neutrik powerCON TRUE1 TOP (connector included)

Power consumption

Voltage	Frequency	Current	Power	Power factor
230 V	50 Hz	0.4 A	73 W	0.85
120 V	60 Hz	0.7 A	76 W	0.92
100 V	60 Hz	0.8 A	80 W	0.93

Power Supply Unit

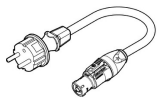
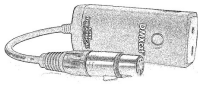
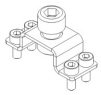
- **PSU:** Internal - Electronic PSU - Flicker free with PFC
- **Control:** Local / DMX
- **Protection:** -
- **Power thru:** Neutrik powerCON TRUE1 TOP - Maximum of 30 units (230 V) / 15 units (120 V)

Model

862S	Variable White LED 75 W Footlight - 862S Dalis

Options

Accessories

CAL03	3 meter power cable (3G1,5 HO7RNF) with Neutrik PowerCon© True1 and CEE 7/7 (2P+T NF/SCHUKO) connectors - Poids: 0.55 Kg	
CAL05	Combined Neutrik PowerCon© True1 / DMX (5 pins) patch cable - length: 1m	
DMXcat	Bluetooth DMX/RDM Multifunction test tool - City Theatrical DMXcat®	
OmegaD	2x omega brackets for M10 (with screws)