

# DAUS - 862S

DAUS - VARIABLE WHITE LED 75 W



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

Footlight

## 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

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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         |

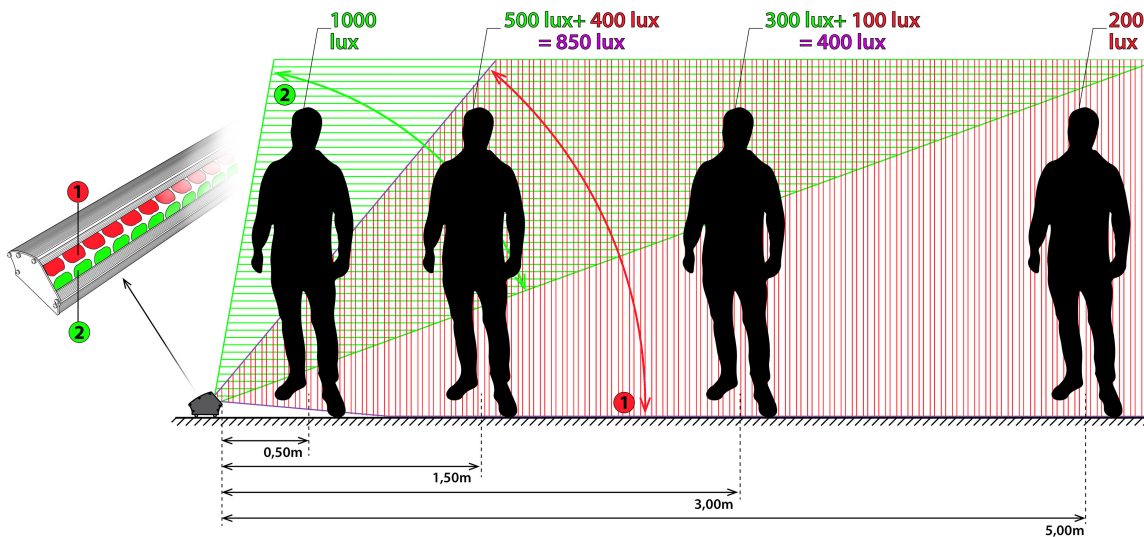
(\*) manufacturer's data

## 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 (25 channels)

Dimmer @16b  
Up: 2groups CW+WW @16b  
Dwn: 2groups CW+WW @16b  
Strobe: duration+speed  
Response time  
Control mode  
Position light: blue+red+dim

#### Mode 2 (19 channels)

Up: Dim+CW+WW @16b  
Dwn: Dim+CW+WW @16b  
Strobe: duration+speed  
Response time  
Control mode  
Position light: blue+red+dim

#### Mode 3 (13 channels)

Up: Dim+CW+WW @8b  
Dwn: Dim+CW+WW @8b  
Strobe: duration+speed  
Response time  
Control mode  
Position light: blue+red+dim

#### Mode 4 (11 channels)

Dimmer @16b  
Balance  
CCT  
Strobe: duration+speed  
Response time  
Control mode  
Position light: blue+red+dim

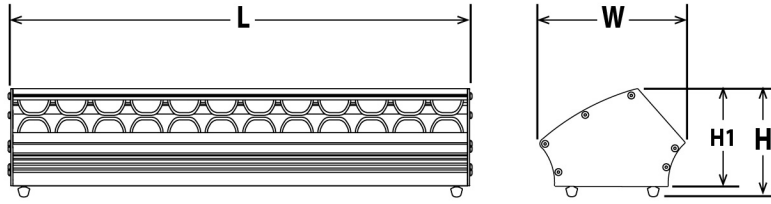
#### Mode 5 (10 channels)

Dimmer @8b  
Balance  
CCT  
Strobe: duration+speed  
Response time  
Control mode  
Position light: blue+red+dim

#### Mode 6 (28 channels)

Up1: Dim+CW+WW @16b  
Up2: Dim+CW+WW @16b  
Dwn1: Dim+CW+WW @16b  
Dwn2: Dim+CW+WW @16b

## Dimensions and weight



**Weight:** 5 kg (11 lbs)

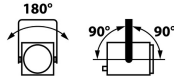
| Height   | Length              | Width              | Yoke | Tilt               |
|--|---------------------|--------------------|------|--------------------|
| H= 117 mm (4.6 in)<br>H1= 105 mm (4.1 in)<br>H2= 137 mm (5.4 in) | L= 505 mm (19.9 in) | W= 155 mm (6.1 in) |      | TU= 10°<br>TD= 10° |

## Shipping

- **Weight :** 5.4 kg (11.9 lbs)
- **Volume :** .03 m<sup>3</sup> (.95 ft<sup>3</sup>)

## Installation

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



## 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)

## Warranty

- **Fixture: 3 years**  
See General Sales Condition on website

## Approvals



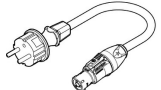

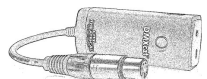
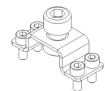
## Model

**862S**

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## Options

## Accessories

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