



### Application

The Navarda low profile raft lighting and acoustic system is ideal for new style buildings with open soffits, enabling services to be concealed and acoustic performance achieved. A choice of optics means LG7 can be achieved with various aesthetic looks. Combining high efficiency LED technology with a rated life of over 50,000 hours, the Navarda raft is ideal for school, offices and most prestigious areas.

### Body

Formed from 1mm steel powder coated silver, white or any RAL Colour. Our unique LED panel gives uniform downward and upward illumination, with varying percentages achieving in excess of 94lm/watt.

### Sizes (nominal)

Length: 2200 mm

Width: 800 mm

Acoustic material available in 50 mm or 25 mm depth in various materials.

### Control Gear

- Standard LED
- DALI Dimming LED
- DSI Dimming LED
- WI-FI

### Options Available

- Add /EMG to codes for Emergency
- Add /EMG/ST to codes for Self-Test Emergency
- Add /EMG/AD to codes for Addressable Emergency
- Add /DALI to codes for DALI Dimming
- Add /DSI to codes for DSI Dimming
- Add /RS to Cat No. for Rod Suspension
- Add /WS to Cat No. for Wire Suspension
- Inbuilt Through wiring channels
- Holes for Smoke Detectors, WIFI and Sprinkler Heads

### Attachments

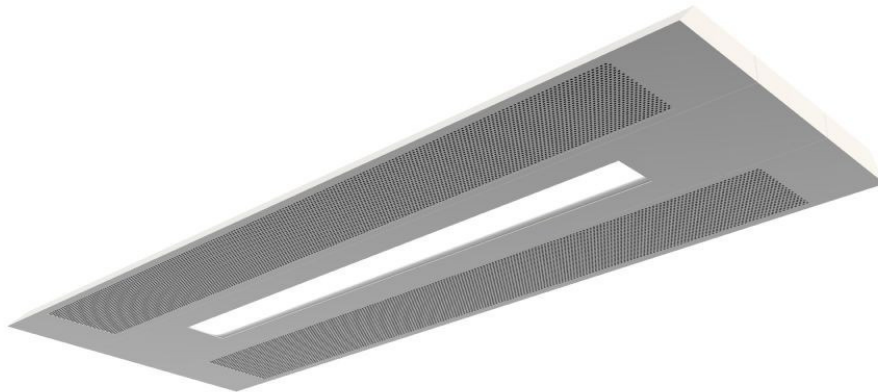
- Add /PIR to codes for Inbuilt PIR
- Add /SPOT to codes for Adjustable LED Spotlights
- Add /INF to codes for Infill Sections Made to Size

### LED Boards

All Luminaires are supplied with colour 840, 4000k LED'S as standard. Options are available from 3000k to 5000k. All LED data and performance data is taken at an ambient temperature of +25 degrees Celsius.

### Main Attributes

- 120-140 lm/watt
- 50,000 Hour Life
- High Colour Rendering
- Self Cooling
- CRI > 80
- 5 Year Guarantee



### Catalogue Codes

Wattage	Lumens	Length	Width	Depth	Catalogue Codes
15.5 W	2172 lm	2200 mm	805 mm	58 mm	SL/LED/2440/NAV/RAFT
22.3 W	3257 lm	2200mm	805 mm	58 mm	SL/LED/3660/NAV/RAFT
29.0 W	4343 lm	2200 mm	805 mm	58 mm	SL/LED/4880/NAV/RAFT
35.7 W	5429 lm	2200 mm	805 mm	58 mm	SL/LED/6100/NAV/RAFT
42.5 W	6514 lm	2200 mm	805 mm	58 mm	SL/LED/7320/NAV/RAFT
50.0 W	7503 lm	2200 mm	805 mm	58 mm	SL/LED/8430/NAV/RAFT
57.5 W	8437 lm	2200 mm	805 mm	58 mm	SL/LED/9480/NAV/RAFT
65.0 W	9345 lm	2200 mm	805 mm	58 mm	SL/LED/10500/NAV/RAFT
72.8 W	10173 lm	2200 mm	805 mm	58 mm	SL/LED/11430/NAV/RAFT

### Acoustic Information

Southgate Lighting rafts come installed with Class O acoustic absorption as standard. The insulation used in our lighting raft has been tested to BS EN ISO 354:2003 and surpasses the recommendations of BB93 in a typical classroom. Furthermore the product comes with additional features which set it apart from other materials. The product is itself a Class 0 compliant product for surface spread of flame and is fiber free. This also serves to improve the aesthetics, longevity and acoustic integrity of the product over time. Southgate Lighting is fully supported technically by CMS Danski in acoustics who can offer reverberation calculations and provide full technical support to meeting BB93 or other regulations.

Southgate Lighting's acoustic Rafts are tested by S.R.L in accordance with BS ISO 354:2003. A full copy of the test results are available on request, please contact Southgate Lighting.

All luminaires comply with CIBSE Lighting Guide and are designed and manufactured to conform to the general requirements of BS4533. A stringent quality control operation in accordance with ISO 9001 ensures customer satisfaction. All luminaires are accredited with the CE mark.