TECHNICAL DATA

	W-DALI NODE	W-DALI DIN RAIL
Power		
Voltage range	216-253VAC	12-24VDC / 24VAC +/-10%
Max power consumption	<1W*	<1W
Frequency	50Hz	50Hz
Current Consumption	<5mA	<100mA
Conductor cross section (stranded)	0.5-2.5mm² ▪	0.2-2.5mm² ▪
Conductor cross section (solid)	0.5-4mm² ▪	0.2-2.5mm² ▪
DALI		
DALI PSU guaranteed current	30mA	–
DALI PSU max current	40mA	–
Max number of DALI units on bus	10	–
Max DALI bus current consumtion	–	120mA
DALI start up time	–	<5s
Conductor cross section (stranded)	0.5-2.5mm² ▪	0.5-2.5mm² ▪
Conductor cross section (solid)	0.5-4mm² ▪	0.5-2.5mm² ▪
Environment		
Ambient temperature range	-20 - +55 °C	-20 - +55 °C
Storage temperature range	-30 - +80 °C	-30 - +80 °C
Humidity (non-condensing)	10-95%	10-95%
Mechanical		
Dimensions	46x46x21mm	36x93x59mm (excluding antenna)
Weight	21g	75g
Protection level	IP20	IP20

* with full DALI PSU load

W-DALI

Scan for additional
information

www.lumenradio.com

SAFETY

Only qualified electricians may perform installations with this product. Always follow local electrical code and regulations.

Insulation classification: Basic insulation between DALI terminal and all other terminals.

If W-DALI DIN RAIL is installed using an isolated AC or DC supply, this must be in accordance with IEC 61558-1 and applicable part 2 of IEC 61558.

Do not use the product if the product is damaged. Only use cables within the specified conductor sizes.
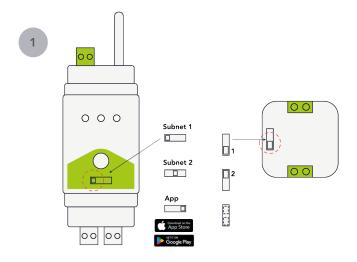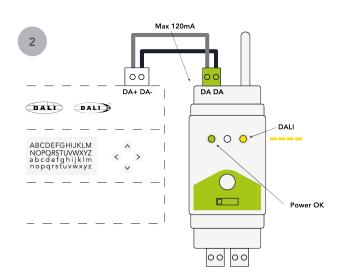
MANUFACTURER

LumenRadio AB
Johan Willins gata 6
416 64 Gothenburg
Sweden

3

AC OFF
0

N L

LED-Driver

DA DA

Movement sensor

L N DA DA

LED-Driver

... Max 10 units

DA- DA+

30mA
(Max 40mA)

4

AC ON
1

W-DALI app → 5

W-DALI app → 7

5

<1s

✓

✓

✗

50% - 80% - 50%

100%

6

<1s

✓

50% - 80% - 50%

50% - 80% - 50%

7

<1s

W-DALI app

8

W-DALI app