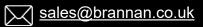
## Product data sheet





+44 (0)1946 816600



# HEAVY DUTY LIGHT METER WITH THERMOMETER & HUMIDITY METER

#### **Product features:**

- Light level measurement with temperature and humidity meter
- · Large LCD with green, yellow and red light indication
- Supplied with calibration certificate in sturdy protective pouch
- User selectable Lux/Fc
- Max min / AVG / data hold functions
- Low battery indication
- · Audible and visual alarms
- · Auto power off

#### **Product specifications:**

#### Light meter specifications:

Measuring range: Auto ranges: 0 to 400kLux / 0 to 40kFc

Manual ranges: 0 to 400kLux, 400Lux to 4kLux

4kLux to 40kLux, 40kLux to 400kL

**Accuracy:** +/- 3% of reading +/- 8 dgts (<10,000Lux)

+/- 4% of reading +/- 10 dgts (>10,000Lux)

**Resolution:** 0 to 999.9Lux: 0.1

1000 to 9999Lux: 1.0 Above 10K Lux: 0.1

Sampling rate: 2 times/second

Spectral response: CIE photopic (CIE human eye response curve)

**Spectral accuracy:** CIE  $V\lambda$  function (f1'  $\leq$  6%)

Photo detector: Silicon photo-diode with spectral response filter

Cosine response:  $f2' \le 2\%$ 

Visible alarm: 3-colour LED light alarm

Green light: <500Lux, Yellow light: <1000Lux, Red light: <1000Lux

Note: The alarm value can be set by user

Audible alarm: Alarm sounds for 20 seconds, pauses for 1 minute

then repeats cycle. (The audible alarm defaults to

ON state and can be turned off by user)

Light overloading display: Display "LO"





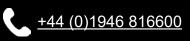






### sales@brannan.co.uk

## **Product data sheet**





**Temperature specifications:** 

**Range:** -20 to 60°C (-4 to 140°F) **Accuracy:** +/-1.0°C (+/-1.8°F)

**Resolution:** 0.1°C/F

**Humidity specifications:** 

**Range:** 10 to 100%RH

Accuracy: ±5%RH between 35 and 75%RH, otherwise±7%RH

Resolution: 1%RH

General instument specifications:

Overloading display: Display "LO" under range and "HI" over range

**Operating conditions:** -20 to 60°C (-4 to 140°F) 10 to 90%RH (non-condensing)

Storage conditions:-30 to  $60^{\circ}$ C (-22 to  $140^{\circ}$ F)  $\leq 80\%$ RHAuto power offAfter approx. 15 minutes of inactivityBattery:3 x AA batteries or USB type-C cable

Battery life: Min. 30 hours
CE & RoHS/WEEE: Compliant
LCD dimensions: 55mm x 48mm

**Product dimensions:** Net: 225mm x 68mm x 30mm

Gross: 265mm x 85mm x 48mm

Product weights: Meter: 255.5g

Protective pouch: 45g

Box & instruction sheet: 57.5g

Gross: 358g

Description	Barcode	Product no
Heavy duty light meter	5 011405 134929	13/492/0

