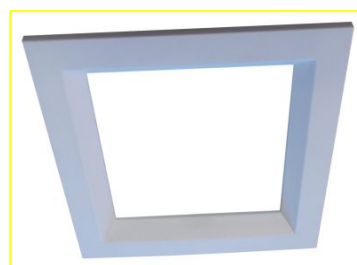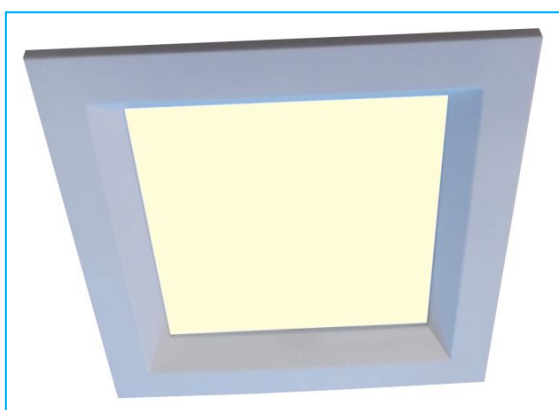# Ecolite Square LED recessed downlight family
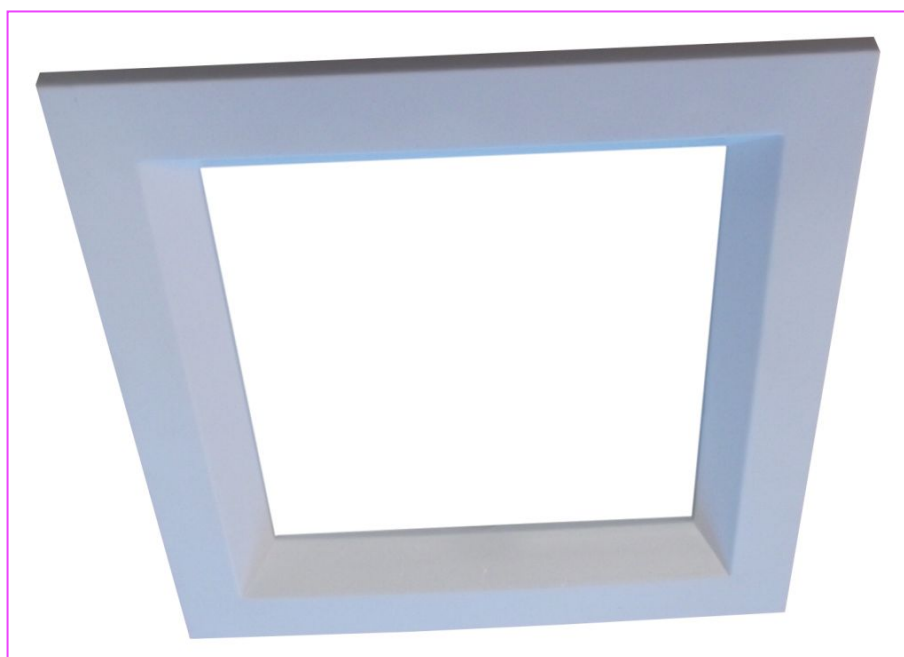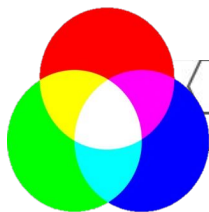
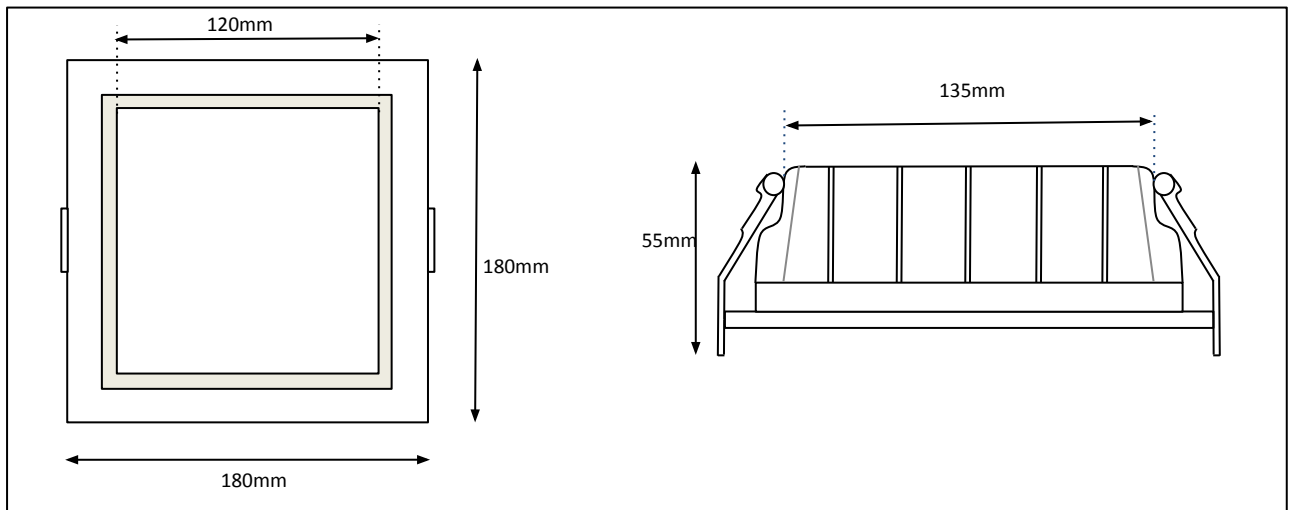| | 7W | 17W | 24W |
|---|---|---|---|
| **General Information** | | | |
| **Body Construction** | Aluminium Powder Coating | Aluminium Powder Coating | Aluminium Powder Coating |
| **Lens Type** | Opal Acrylic | Opal Acrylic | Opal Acrylic |
| **Trim Size** | 100 x 100 mm | 170 x 140 mm | 220 x 220 mm |
| **Cut Out** | 75 x 75 mm | 155 x 155 mm | 200 x 200 mm |
| **Recommended Height Installation** | From 2,4m to 5m | From 2,4m to 5m | From 2,4m to 5m |
| **Compliance** | SANS 60598 | SANS 60598 | SANS 60598 |
| **IP Rating** | IP 44 | IP 44 | IP 44 |
| **Dimmable** | Standard – no; With correct gear: Dali – Yes 1-10V – Yes DMX – Yes | Standard – no; With correct gear: Dali – Yes 1-10V – Yes DMX – Yes | Standard – no; With correct gear: Dali – Yes 1-10V – Yes DMX – Yes |
| **Electrical Information** | | | |
| **Electrical Class** | Class 2 | Class 2 | Class 2 |
| **Socket Options** | Supplied with 3m cabtyre and 5A plugtop | Supplied with 3m cabtyre and 5A plugtop | Supplied with 3m cabtyre and 5A plugtop |
| **Supply Voltage** | 230V AC 50HZ | 230V AC 50HZ | 230V AC 50HZ |
| **Surge Protection** | 1kV on power supply | 1kV on power supply | 1kV on power supply |
| **Power Factor** | Better than 0,95 | Better than 0,95 | Better than 0,95 |
| **Optical Information** | | | |
| **CRI** | Always better than 84 Above 94 on request | Always better than 84 Above 94 on request | Always better than 84 Above 94 on request |
| **CCT** | Either 3000K or 4000K or 5000K | Either 3000K or 4000K or 5000K | Either 3000K or 4000K or 5000K |
| **Performance** | | | |
| **Total Circuit load and Lumens** | 910 lumens Lumens measured on PCB | 2210 lumens Lumens measured on PCB | 3120 lumens Lumens measured on PCB |
| **Operating Conditions** | | | |
| **Operating Temperature range** | -20C to +45C | -20C to +45C | -20C to +45C |
| **DImensions and Mounting** | | | |
| **Weight** | Below 300g | Below 350g | Below 500g |
| **Data** | IES files - Yes | IES files - Yes | IES files - Yes |
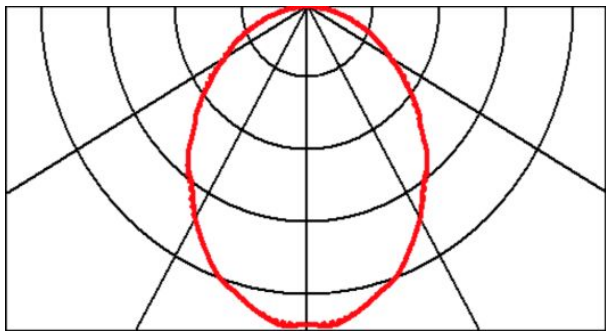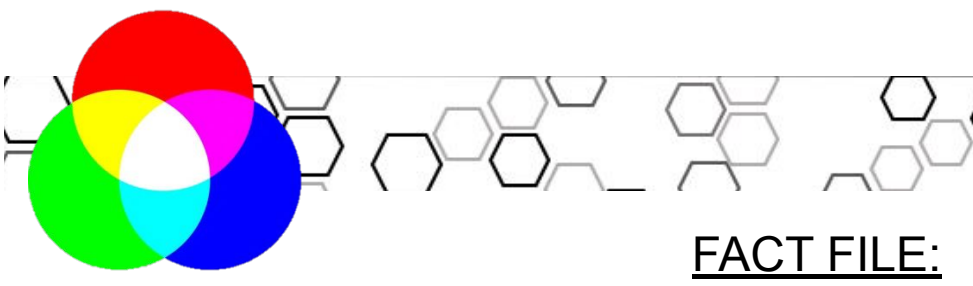
Lumen values are as measured at source - on the PCB - not exiting light fitting. Due to the fast pace of development - values are subject to change at any time and without notice.
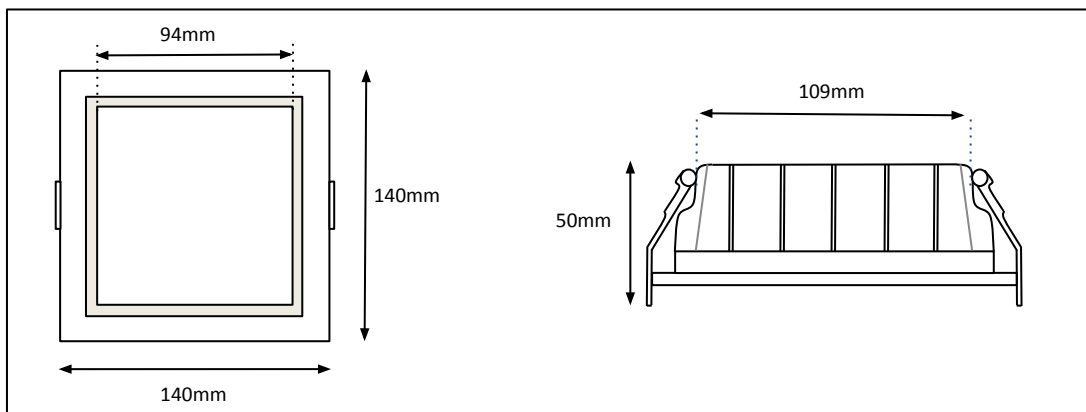
**Front View**

**Side View**

**24W**

120mm

180mm

180mm

135mm

55mm

**17W**

94mm

140mm

140mm

109mm

50mm

**7W**

66mm

100mm

100mm

50mm

47mm