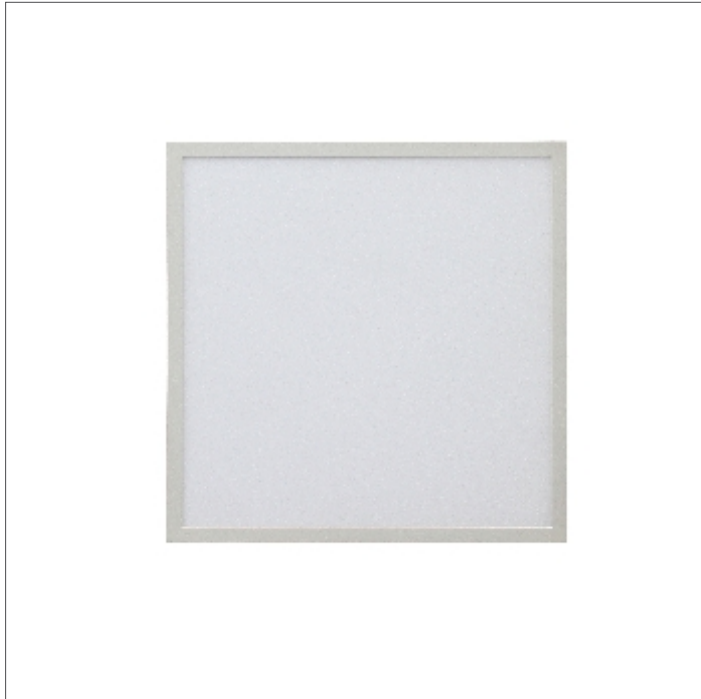


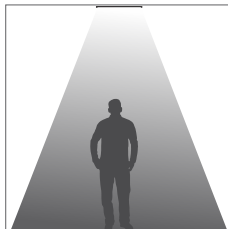
# LUXON 600 x 600





**APPLICATION AREAS**

Indoor application.  
Offices.  
Commercial spaces.  
Education buildings.



**BEAM DEGREE**



**COLOURS**

White (WH)

**MODEL NUMBER**

LUXON 600x600

**SPECIFICATIONS**

**HOUSING** : Seamless aluminium extruded frame.  
**DIFFUSER** : Translucent diffuser. 2.3mm PMMA for better light transmission.  
**LIGHT SOURCE** : The fitting is designed to operate a 39.7W LED.  
**FINISH** : Powder coated.  
**MOUNTING** : Recessed, surface mounted or suspended.  
**ACCESSORIES** : Surface mounted frame and recessed mounted frame for plaster board ceiling, available on request.  
 2 x Aluminium ceiling tray which allows the luminaire to fit into a standard ceiling tile of 600mm x 1200mm.  
**POWER SUPPLY** : 5 Year Warranty. Flicker free.  
**LUMEN MAINTENANCE** : 55000h (L70).  
**SYSTEM EFFICIENCY** : 100.76 lm/W.  
**CCT** : 3000K, 4000K or 5000K.  
**CRI** : >80.  
**DIMENSIONS** : 595mm x 595mm x 13mm.  
**APPLICATION** : Suitable for indoor use only.  
 Operating Temperature (Ta) -20° C to +30° C.  
 Weight : 4 Kg.  
**INPUT VOLTAGE** : 100 ~ 240V AC  
**INPUT FREQUENCY** : 50/60 Hertz  
**FEATURES** : Flicker Free.  
 Low cost energy saving alternative to CFL.  
 Low profile ideal for installation with limited recess space and shallow ceiling voids.  
 Plug and play remote driver for easy installation (40mm space required).  
 1.5kV surge protected.  
 Supplied with 5 amp plug set.  
 Dali dimmable option available on request.  
 Emergency 1 hour 20% available on request.



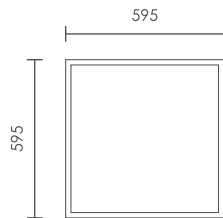
**LIGHT SOURCE**

LED

LED Current	Power (W)	CRI	Colour Temp	Luminous Flux
900mA	32.1W	> 80	3000K	3365 lm
	39.7W		4000K 5000K	4000 lm

3000K available on request

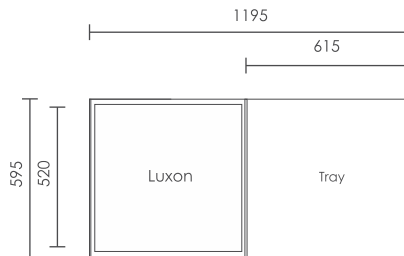
**DIMENSIONS IN MM**



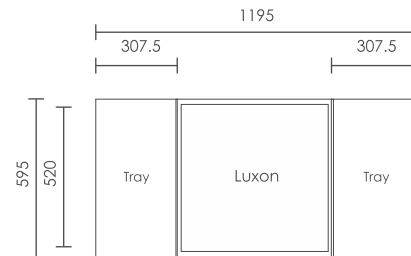
**Bottom View**



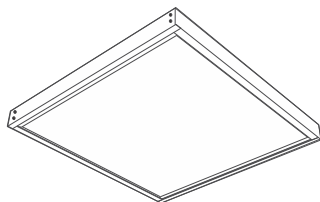
**Side View**



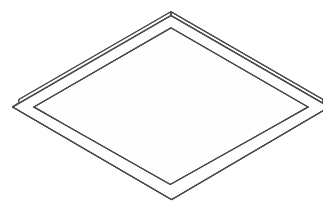
**ACCESSORY**  
Offset Ceiling Tray to  
fit in filed ceiling 600 x 1200mm



**ACCESSORY**  
Side Ceiling Trays to  
fit in filed ceiling 600 x 1200mm



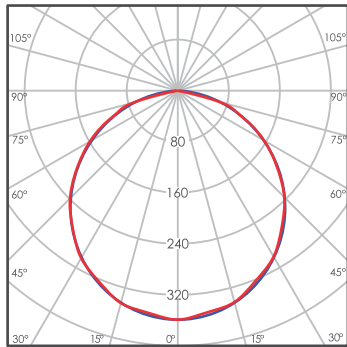
**ACCESSORY**  
Surface Mounted Frame  
602X602x50mm



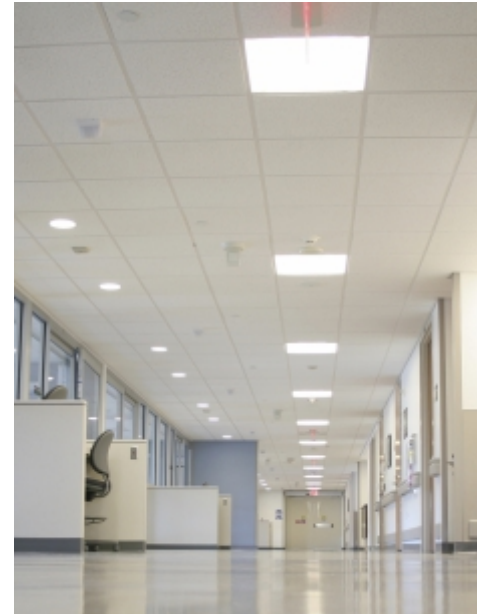
**ACCESSORY**  
Recessed Frame for  
plastered ceilings  
632X632x31mm

**LIGHT DISTRIBUTION**

LED 40W



cd/klm  
— C0 - C180    — C90 - C270



**LUXON PANEL CASE STUDY**

	LUXON	GENERIC PANEL
<b>Luminous Flux</b>	3956 lm	2549 lm
<b>Power</b>	39.7W	36 W
<b>Luminous efficacy</b>	99.6 lm/W	70.8 lm/W
<b>LED Placement</b>	2 side lit	2 side lit
<b>UGR</b>	> 19	21
<b>Warranty</b>	5 Year	3 Year
<b>Flicker Free</b>	Yes	No



**LIGHTING DESIGN COMPARISON**

4 Fittings spaced 2.4m c/c mounted at 2.8m in a 25 m<sup>2</sup> room.

Fitting	Average	Min	Max	Min/Max
Luxon	399 lx	243 lx	486 lx	0.5
Generic	273 lx	147 lx	337 lx	0.44

