

Reference

ART No

77090-PL-



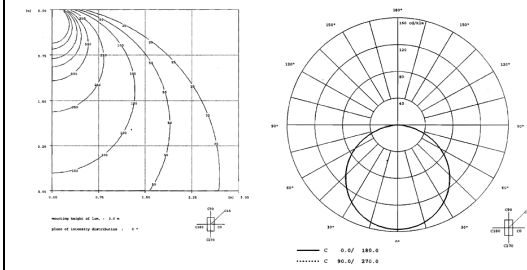
WHEN YOU THINK ABOUT LIGHTING

Description

Recessed led luminaire with led fixed in false & plaster ceiling for offices , waiting rooms , banks , hotels , schools , shopping centers ,...etc



Photometric



Luminaire Data

IP	65
Body	Made of cold rolled Steel
Reflector	N/A
Diffuser	Made of opAL Plastic Sheet dimension 517 X 517 mm

Lamp data

Lamp type	TCI SMD Module
Lamp wattage	40
Lamp base	PCB
Lamp voltage	71.5
No. of lamps	120 LEDS
Lamp lumen	5316
Color temp	5000
C.Rendering (%)	80
Supplier	TCI
Origin	ITALY

Control unit

Type	Driver
Wattage	40
Supplier	V.S
Origin	EU
Iginator	N/A
Capacitor	N/A

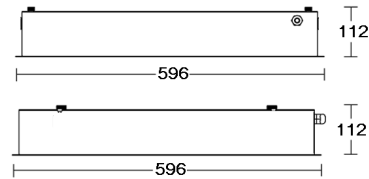
Revision

0

16/05/2016

STANDARD

Dimensions



Accessories

Connection wire	Teflon Wire 250 Degree
Lamp holder	N/A

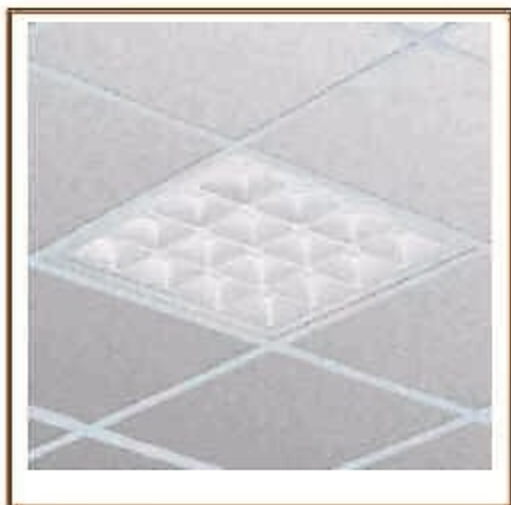
Luminare Finish

Electrostatic Painting

Certificates

All Luminaries electrical tested & protection tested According to standard IEC 598 (Approval Mark {})

3 Brothers for Engineering & Electrical Manufacturing  
21, El Ma'had El Eshtraki St., Roxy, Cairo  
Tel.: (02) 22599722  
Fax.: (02) 22587966  
Email: tech-support@3-brothers.com



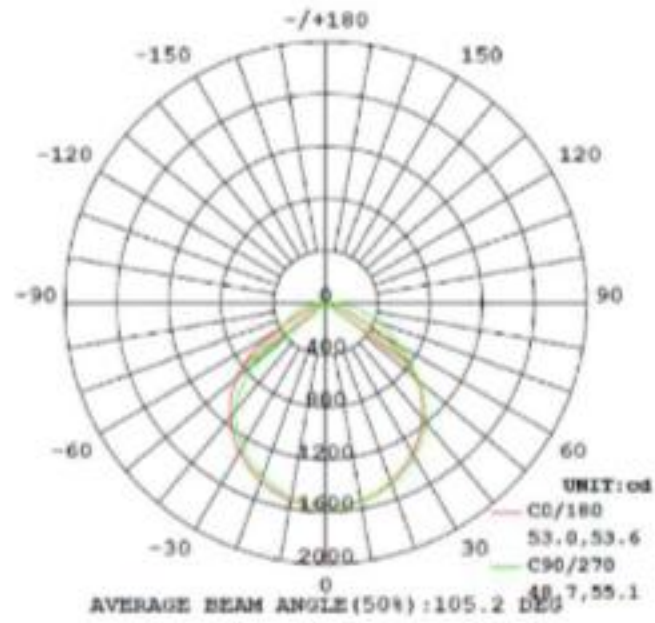
77190C-PL-20

Luminaries Data	
Body	Made of STEEL
Reflector	Polycarbonate
IP	IP 20
Total power	30w $\pm$ 10%
Beam angle	100
Dimension	597*597*65 mm
Trademark	3Brothers (made in Egypt)

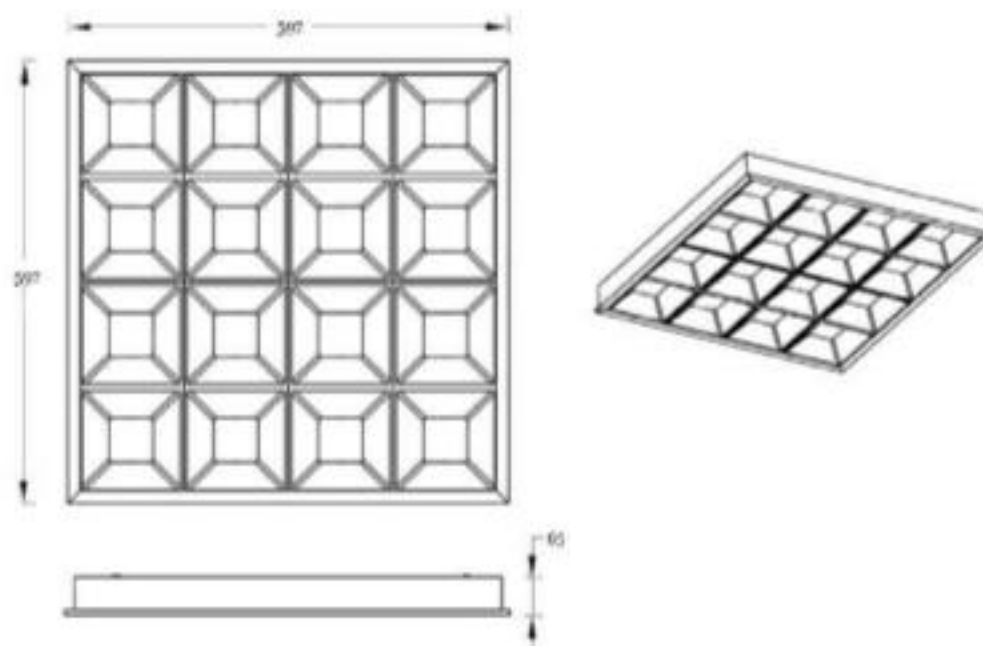
LED Data	
Type	SMD 192 (16 parallel, 12 series) .... chip current 5 mA
Lamp wattage	27 W
No. of LEDs	192 led
Fixture Lumen	4000 lm $\pm$ 10%
CCT	4000 K
CRI	>80 %
Supplier	Bridgelux (BXEN-40E-21M-3A)
Color Tolerance	< 3 SDCM

Driver Data	
Wattage	3 w
Mains voltage	198- 264 v
Current (mA)	900 mA
IP	20
Power Factor	95%
Supplier	TCI (Italy)
Flaker rate	$\leq$ 3%

## Fixture Light Distribution



## Fixture Dimensions (3D)





## LED PANAL

Driver	Origin	LED	Origin	Lifetime
V.S	EU	TCI	ITALY	50000

### Product Description

Star is a collection of LED light panels designed for residential and commercial suspended grid ceiling to deliver a smooth illumination without any visible spots

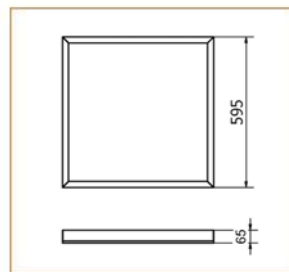
### Basic Data

Material	Cold Rolled Steel
Finishing	Electrostatic Painting
Optics	
Weight	5.95 kg
IP	54
IK	08
Suspension	Ceiling Recessed
Additional Data	

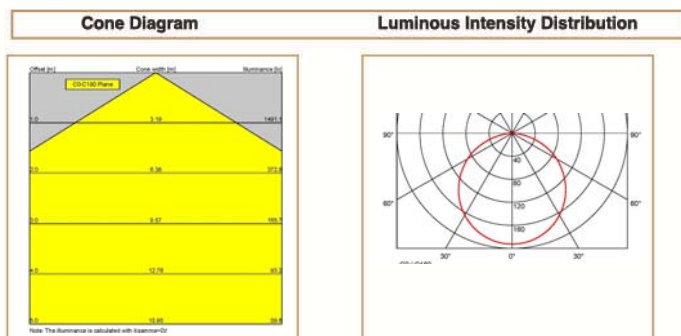
### Specifications

Art No.	WAT	CCT	CRI	LED	Angle	TL	Ø
77070-PL-	40	5000	80	4	114	4488	_
77071-PL-	40	3000	80	4	114	4148	_

### Dimensions



### Light Distribution



All Luminaires are electrical tested & protection tested according to the standard (IEC 598 )



## LED PANAL

Driver	Origin	LED	Origin	Lifetime
V.S	EU	V.S	EU	50000

### Product Description

Pro is a collection of LED light panels designed for residential and commercial suspended grid ceiling to deliver a smooth illumination without any visible spots

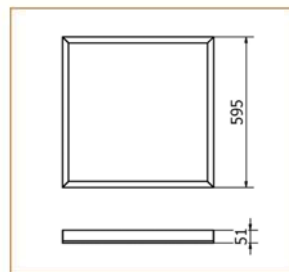
### Basic Data

Material	Cold Rolled Steel
Finishing	Electrostatic Painting
Optics	
Weight	5.5 kg
IP	44
IK	08
Suspension	Ceiling Recessed
Additional Data	

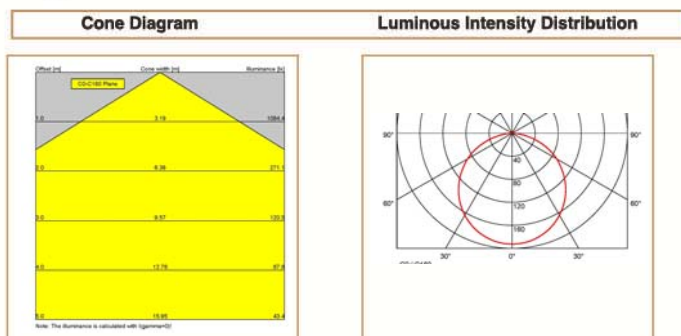
### Specifications

Art No.	WAT	CCT	CRI	LED	Angle TL	Ø
77110-PL-	36	3000	80	6	117	3040
77111-PL-	36	5700	80	6	117	3200

### Dimensions



### Light Distribution



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## LED PANAL

Driver	Origin	LED	Origin	Lifetime
V.S	EU	V.S	EU	50000

### Product Description

Pro is a collection of LED light panels designed for residential and commercial suspended grid ceiling to deliver a smooth illumination without any visible spots

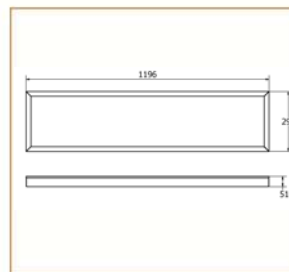
### Basic Data

Material	Cold Rolled Steel
Finishing	Electrostatic Painting
Optics	
Weight	4.9 kg
IP	44
IK	08
Suspension	Ceiling Recessed
Additional Data	

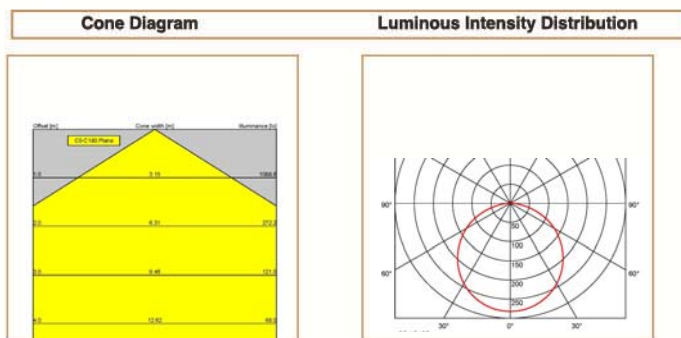
### Specifications

Art No.	WAT	CCT	CRI	LED	Angle TL	Ø
77180-PL-	36	3000	80	6	115	3040
77181-PL-	36	5700	80	6	115	3200
77562-PL-	36	3000	80	6	115	3040
77563-PL-	36	5700	80	6	115	3200

### Dimensions



### Light Distribution



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