## COMMERCIAL PRODUCTS

P7	Acer
P8	Blackthron
P9	Alder
P10	Hawthorn
P11	Pruga
P12	Bay
P13	Chestnut
P14	Arran
P15	Holm
P16	Twister
P17	Poplar
P18	Serie
P19	Willow
P20	Maple
P21	Larch
P22	Osier



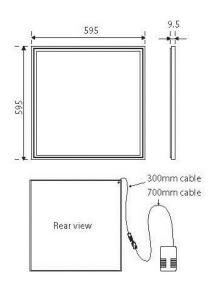


IP20 Recessed 600 x 600 LED Panel. Suitable for offices, retail and reception areas. Extruded aluminium frame, powder coated white. Aluminium back cover. PC diffuser.

## TECHNICAL SPECIFICATIONS

Light Source:	35W LED Colour
Temperature:	4000K
Output:	2800 Lumens
Mains Input:	230-240V AC 50/60Hz

#### LINE DRAWING



Fitting:	Light Source:	Wattage:	Colour:	
ACER	LED	35W	WH	
Options:				
Function Options:				
3HR Emergency, 3500K LED board to order, Suspension kit.				
Base Colour Options:				
White (WH)				



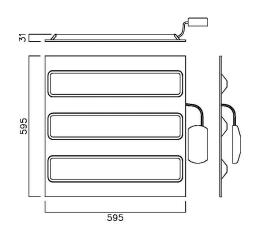
## BLACKTHORN COMMERCIAL

IP20 Recessed 600 x 600 LED Panel. Suitable for offices, retail and reception areas. White Steel body frame. Semi-gloss powder coated finish. For 15-24mm exposed T-ceilings. Opal polycarbonate diffuser panels.

## TECHNICAL SPECIFICATIONS

Light Source:	32W LED
Colour Temperature:	5000K
Output:	2300 Lumens
Mains Input	230-240V AC 50/60Hz Osram Driver

#### LINE DRAWING



Fitting:	Light Source:	Wattage:	Colour:	
BLACKTHORN	LED	32W	WH	
Options:				
Function Options:				
3HR Emergency, Dimming, Sensor options available on request.				
Base Colour Options:				
White (WH)				

**ALDER** 

COMMERCIAL

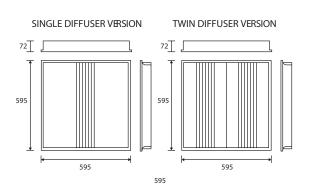


LED 600 x 600 modular fitting. Steel body, white powder coated finish with PMMA diffuser. ideal for offices, retail and reception areas. Avaliable as single or twin diffuser.

## TECHNICAL SPECIFICATIONS

Single Diffuser:	Twin Diffuser:
3255 Lumen	3212 Lumen
39W	39W
84 Lm/W	83 Lm/W
5000K	5000K
LG 50,000 hour rated LED chipset	LG 50,000 hour rated LED chipset
Tridonic LED	Tridonic LED

#### LINE DRAWING



Fitting:	Light Source:	Wattage:	Colour:	
ALDER	LED	39W	W	
Options:				
Function Options:				
3HR Emergency				

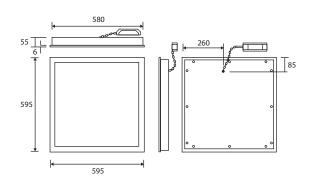
## HAWTHORN COMMERCIAL

IP20 Recessed 600 x 600 LED Panel. Suitable for offices, meeting rooms and reception areas. Robust Steel body, white gloss powder coated finish with opal polycarbonate diffuser. For 15-54mm exposed T ceilings.

## TECHNICAL SPECIFICATIONS

Light Source:	34W LED
Colour Temperature:	5000K
Output:	3070 Lumens
Mains Input:	230-240V AC 50/60Hz
Power Supply:	Osram LED Driver
Rated Life:	30,000 Hours

## LINE DRAWING



Light Source:	Wattage:	Colour:		
LED	34W	WH		
Function Options:				
3HR Emergency, 3500K and 4000K LED Board to Order, Suspension kit.				
Base Colour Options:				
	LED ons: cy, 3500K and 40 sion kit.	LED 34W ons: cy, 3500K and 4000K LED Boar sion kit.		



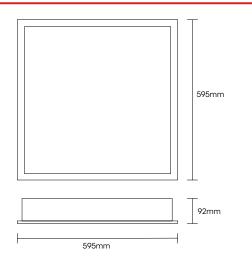


Recessed Dust Proof IP54 T5 Range designed for exposed T-Grid ceilings. The aluminium frame contains and impact resistant polycarbonate panel available in 3 options, retained by 4 wishbone springs sealing against a fitted gasket.

## TECHNICAL SPECIFICATIONS

600 X 600	1200 X 300
PRUGA/314/**/*** - 3 x 14W T5	PRUGA/228/**/*** - 2 x 28W T5
PRUGA/414/**/*** - 4 x 14W T5	PRUGA/254/**/*** - 2 x 54W T5
PRUGA/324/**/*** - 3 x 24W T5	
PRUGA/424/**/*** - 4 x 24W T5	
Dimensions:	Dimensions:
595 x 595 x 92	1195 x 295 x 92

## LINE DRAWING



Fitting:	Light Source:	Wattage:	Colour:		
PRUGA	T5	14/24/28/64W	WH		
Options:					
Control Ge	ear Options:				
HF, DSI, DA	HF, DSI, DALI, 1-10V				
Emergency Options:					
3H Emergency (M3), 3 Hour Self Test (M3ST), 3 Hour Dali (M3MA).					
Diffuser Panel Options:					
Prismatic Polycarbonate (PPP), Opal Polycar- bonate (OPP), Clear Polycarbonate (CPP)					

# BAY COMMERCIAL



Recessed modular fitting. Steel construction with white powder coated finish and hinged louvre. Designed to support a variety of PLL and T5 lamp types. Complete with HF control gear.

## TECHNICAL SPECIFICATIONS

1 x 55W PLL	
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2 x 50W PLL

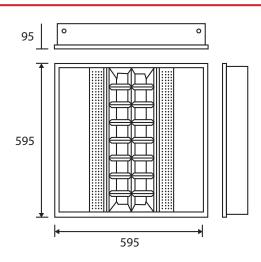
2 x 55W PLL

2 x 24W T5

4 x 14W T5

Suitable for ceilings (15mm/24mm T)

## LINE DRAWING



Fitting:	Light Source:	Wattage:	Colour:	
BAY	T5/PLL	55/50/24/14W	WH	
Options:				
Function Options:				
3 HR Emergency, Dimming.				
Louvre Options:				
Semi Specular, Specular.				

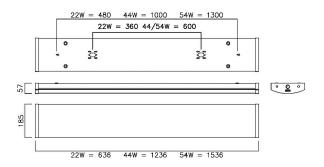


Surface LED luminaire. Steel body with white powder coated finish. UV stabilised ploycarbonate diffuser and end caps. Suitable for Corridors, Schools and public areas.

## TECHNICAL SPECIFICATIONS

	22W, 1715lm, 77.9 Lm/W
Load Outputs:	45W, 3800lm, 84.4 Lm/W
	55W, 4600lm, 83.6 Lm/W
Mains Input:	234-240V AC 50/60Hz
Driver:	Osram Driver
Colour Temperature:	4000K

#### LINE DRAWING



Fitting:	Light Source:	Wattage:	Colour:	
CHESTNUT	LED	22/45/55W	WH	
Options:				
Function Options:				
3HR Emergency, 3000K Board, Sensor, Dimming, Wire Suspension Kit, Vanal resistant screws.				



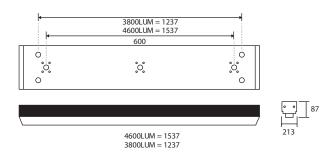


LED fitting with option for surface mounting or suspension. Steel body with white powder coated finish. UV stabilised polycarbonate diffuser and end caps.

## TECHNICAL SPECIFICATIONS

Load Outputs:	45W, 3800lm, 84.4 Lm/W
	55W, 4600lm, 83.6 Lm/W
Mains Input:	234-240V AC 50/60Hz
Light Source:	Samsung LEDs
Colour Temperature:	5000K

#### LINE DRAWING



Fitting:	Light Source:	Wattage:	Colour:
ARRAN	LED	45/55W	WH
Options:			
Function Options:			
3HR Emergency, Dimming.			
Louvre Options:			
Semi Specular, Specular.			

HOLM

COMMERCIAL

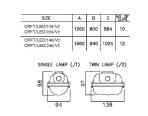


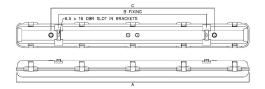
IP65 Non-Corrosive surface mounted luminaire. ABS Base, Polycarbonate controller, Stainless Steel clips. Complete with suspension eyes and steel mounting brackets.

## TECHNICAL SPECIFICATIONS

Available as:	1 x 24W or 2 x 24W 4ft body
	1 x 40W or 2 x 40W 5ft body
Lumen Outputs:	1 x 24W 2660 Lumens
	2 x 24W 4800 Lumens
	1 x 40W 3860 Lumens
	2 x 40W 7530 Lumens
Colour Temperature:	5500K
CRI:	80
LED Life:	30,000HR

#### LINE DRAWING





Fitting:	Light Source:	Wattage:	Colour:
HOLM	LED	24/40W	WH
Options:			
Functions Optio	ons:		
3HR Emergency			

COMMERCIAL

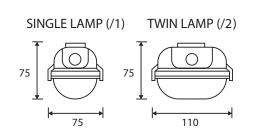


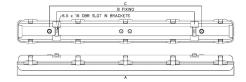
IP65 non-corrosive luminaire manufactured from impact resistant injection moulded polycarbonate. Suitable for areas that require protection from dust and moisture. Polycarbonate diffuser with smooth wipe clean outer surface retained by stainless steel clips for easy maintainence.

## TECHNICAL SPECIFICATIONS

Flourescent:	Led:
TW/128/** - 1 x 28W T5	TWL122/** - 1 X LED ARRAY 22W
TW/135/** - 1 x 35W T5	TWL246/** - 2 X LED ARRAY 46W
TW/149/** - 1 X 49W T5	TWL127/** - 1 X LED ARRAY 27W
TW/228/** - 2 X 28W T5	TWL253/** - 2 X LED ARRAY 53W
TW/235/** - 2 X 35W T5	
TW/249/** - 2 X 49W T5	

#### LINE DRAWING





Fitting:	Light Source:	Wattage:	Colour:
TWISTER	T5/LED	22//27/28/35 /46/49/53W	WH
Options:			
Control Gear Options:			
HF, DSI, DALI, 1-10V			
Emergency Options:			
3HR Emergency (M3), 3 Hour Self Test (M3ST), 3 Hour DALI (M3DA)			



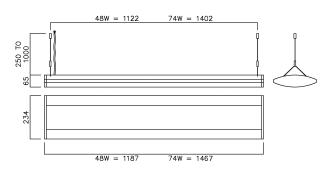


Suspended LED up/down light luminaire. Extruded Aluminium body in a white powder coated finish. PMMA high optical grade diffuser. 60mm suspension wire included. Suitable for retail, offices and communal areas.

## TECHNICAL SPECIFICATIONS

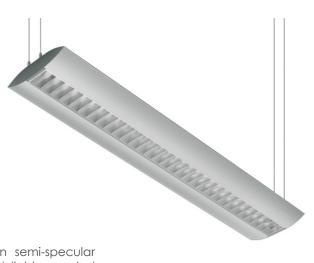
Mains Input:	234-240V AC 50/60Hz
Light Source:	Samsung LEDs
Colour Temperature:	4000K
Load Outputs:	48W, 4400lm, 91.6 Lm/W 70W, 5600lm, 80.0 Lm/W

#### LINE DRAWING



Fitting:	Light Source:	Wattage:	Colour:
POPLAR	LED	48/70W	WH
Options:			
Emergency O	ptions:		
3HR Emergency, Dimming.			

# SERIE COMMERCIAL



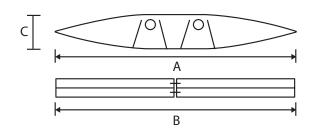
Suspended direct-indirect luminaire. Fitted with a Satin semi-specular aluminium louvre which produces controlled downward light, coupled with the upward light via a transparent perspex sheet. Manufactured from extruded aluminium and finished in Brushed aluminium. Supplied with either 2 or 4 wire suspension kits to be specified on ordering.

#### TECHNICAL SPECIFICATIONS

Dimensions:	Α	В	С
1 X 28/54W T5	250	1188	55
2 X 35/49W T5	250	1488	55
2 X 28/54W T5	330	1188	55
2 X 35/49/80W T5	330	1488	55

SERIE 312/128/T5/** - 1 X 28W T5
SERIE 312/154/T5/** - 1 X 54W T5
SERIE 315/135/T5/** - 1 X 35W T5
SERIE 315/149/T5/** - 1 X 49W T5
SERIE 312/228/T5/** - 2 X 28W T5
SERIE 312/254/T5/** - 2 X 54W T5
SERIE 315/235/T5/** - 2 X 35W T5
SERIE 315/249/T5/** - 2 X 49W T5
SERIE 315/280/T5/** - 2 X 80W T5

#### LINE DRAWING



## OPTIONS

Flourescent:

Fitting:	Light Source:	Wattage:	Colour:
SERIE	T5	25/28/49/54/80W	BA
Options:			
Function Options:			
3HR Emergency, Self Test Emergency, DALI Emergency, 1-10V DIM, DSI, DALI.			



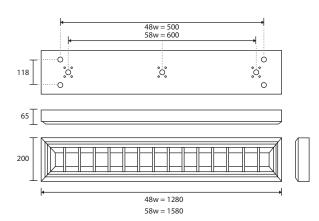


Surface mounted LED luminaire. Robust steel body. White semigloss powder coated finish. Specular double parabolic aluminium louvre. Suitable for a multitude of commercial installations.

## TECHNICAL SPECIFICATIONS

Load Outputs:	48W, 3543lm, 73.8 Lm/W 58W, 4282lm, 73.8 Lm/W
Mains Input:	234-240V AC 50/60Hz
Light Source:	Samsung LEDs
Colour Temperature:	4000K

#### LINE DRAWING



Fitting:	Light Source:	Wattage:	Colour:
WILLOW	LED	48/58W	WH
Options:			
Function Opt	ions:		
3HR Emerger	ncy Dimming.		





Surface mounted LED batten. Steel body, White gloss powder coated finish with polycarbonate end caps and opal diffuser. Suitable for workshops, garages and warhouses. Available in three different sizes each with standard and highput options.

## TECHNICAL SPECIFICATIONS

Load Options:		
4' Option.	30W, 3285 Lumens	
	55W, 6470 Lumens	
5' Option.	40W, 4650 Lumens	
	65W, 7120 Lumens	
۵' Option.	50W, 5725 Lumens	
	75W, 8370 Lumens	
Colour Temperture:	4000K	
Driver:	Supplied with Tridonic or Osram Driver.	

## LINE DRAWING



Fitting:	Light Source:	Wattage:	Colour:
MAPLE	LED	30/55/40/65/50/75W	WH
Options:			
Function Options:			
3HR Emergency, Dimming, PIR Sensor, Available on request.			
Base Colour Options:			
White (WH)			

LARCH

COMMERCIAL

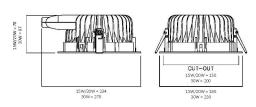


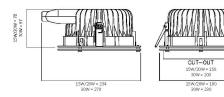
IP43 Recessed LED downlight. Die cast aluminium heatsink with opal acrylic diffuser. Three output options.

## TECHNICAL SPECIFICATIONS

Mains Input:	230-240V AC 50/60Hz
Output Options:	15W 1100 lumens
	20W 1500 lumens
	30W 2300 lumens
Colour Temperature:	4000K

## LINE DRAWING





Fitting:	Light Source:	Wattage:	Colour:	
LARCH	LED	15/20/30 W	WH	
Options:				
Drop Glass Cover Option:				
For Emergency lighting use our DSMD self contained LED emergency fitting.				

# OSIER COMMERCIAL



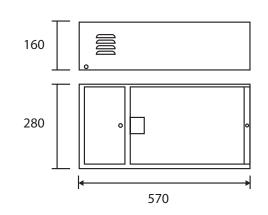
IP20 low-bay HID fitting for industrial use. Robust Steel construction with powder coated white folded sheet steel. Aluminium reflector.

## TECHNICAL SPECIFICATION

Available as:		
250W SON		
400W SON		
250W Metal Halide		
400W Metal Halide		

Supplied excluding glass and lamp.

#### LINE DRAWING



Fitting:	Light Source:	Wattage:	Colour:	
OSIER	SON/MH	250/400W	WH	
Options:				
Wire Guard, Glass cover, Polycarbonate dished diffuser, High rack reflector.				