Project
Dudley College of Technology
West Midlands, UK

Endurance LED Panel   *p480*

Commercial

461

Otto CCT LED
Suspended Linear

462

Millau LED
Suspended Linear

463

Vasco LED
Suspended Linear

464

Sidu LED
Suspended Linear

465

Eaves LED
Recessed Linear

467

Gemini LED
Surface Linear

469

Crescent LED
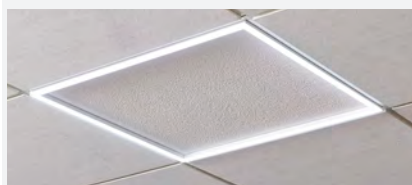Surface Linear

470

Suspended / Surface Linear

474

Brooklyn LED
Bi-directional Panel

475

Spektrum LED CCT Frame

476

Recessed LED Panels

484
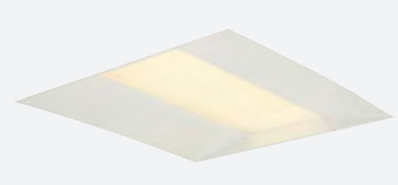

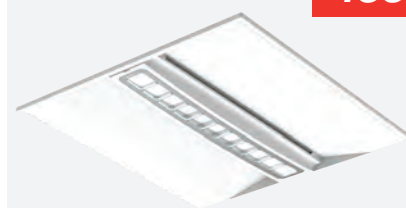Recessed LED Panel Accessories

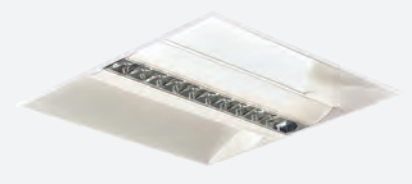**486**

IP65 Defender LED Recessed Clean Air

487

Lota LED Troffer

488
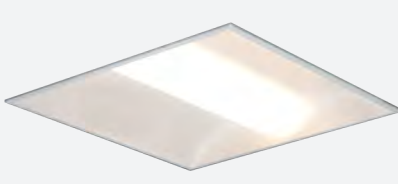

Gridline Duo LED Recessed Indirect

489

Venus LED Recessed Indirect

490

Neptune CCT LED Troffer

491

Pluto LED

Designed to
Deliver...

Otto LED CCT Suspended Linear
Supplied c/w Integral Driver and Suspension Kit

OTTO
L E D   L i n e a r

- Architectural suspended linear for office, retail and educational applications
- Die-Cast aluminum end caps
- Slim profile available in White (RAL9010) and Aluminium (RAL9006)
- Selectable CCT between 3000K and 4000K output
- Supplied bi–directional light output as standard (directional only option can be selected if required)
- Suitable for individual or continuous suspension
- Supplied c/w 1.5m suspension kit as standard
- Outperforms 28W and T5 fluorescent equivalent
- LED lifespan LM80 42,000 hours

Selectable CCT

AOTLED5/CCT

61

1525

100

1556

AOTLED5/W/CCT
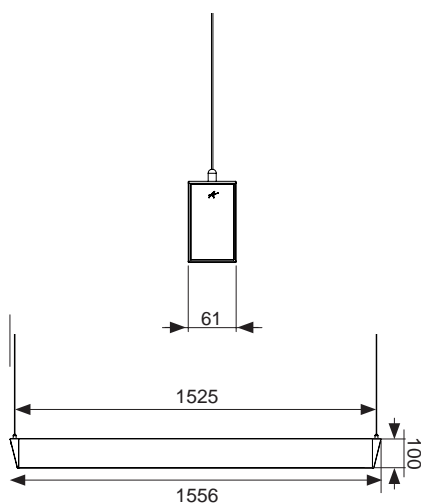
LED Information

Total (Watts)	45W	86W
Lumens Delivered		
Cool White	4052lm	7487lm
Warm White	3861lm	7185lm
Lm/W		
Cool White	92lm	86lm
Warm White	86lm	84lm
CRI		Ra 80
CCT		4000K
		3000K
Input		230V
Hertz		50/60Hz
Operating Temp	-25°C to 50°C	

CE IP20
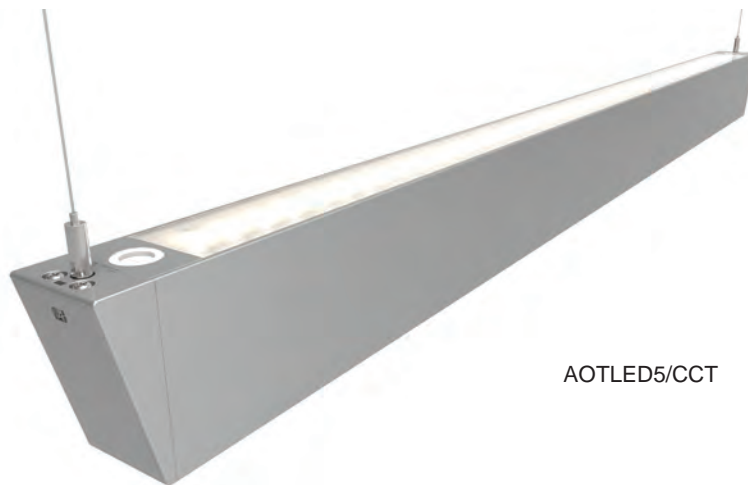
	Code	Lamp	Description
Bi-Directional	**AOTLED5/CCT**	LED	45W - Cool White/Warm White - Aluminium
	AOTLED2X5/CCT	LED	86W - Cool White/Warm White - Aluminium
	AOTLED5/W/CCT	LED	48W - Cool White/Warm White - Matt White
	AOTLED2X5/W/CCT	LED	84W - Cool White/Warm White - Matt White

Options	**/M3**	Self-Test Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)
	/MWS	Integral Microwave Sensor

Accessory	**AOTLED/90B**	90° Corner Connector

Millau LED CCT Suspended Linear

Supplied c/w Integral Driver and Suspension Kit

5YR

Selectable CCT

- *Architectural suspended linear for commercial applications*
- *Black powder coated die-cast aluminium construction provides a modern and sleek appearance*
- *Selectable CCT between 3000K,4000K and 6000K output*
- *Internal mirrored reflector and opal diffuser provide optimum distribution and light output*
- *48W Comparable to 2 x 28W T5*
- *58W exceeds performance of 2 x 35W T5*
- *Supplied with 1.5 metre suspension kit including ceiling rose*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*

A

Adjustable upto 1.5m

49

115

LED Information

Total (Watts)	38W	56W
Lumens Delivered		
Cool White	3475lm	4419lm
Warm White	3408lm	4290lm
Daylight	3492lm	4394lm
Lm/W		
Cool White	91lm	79lm
Warm White	90lm	77lm
Daylight	92lm	77lm
CRI	Ra 80	
CCT	4000K	
	3000K	
	6000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 45°C	
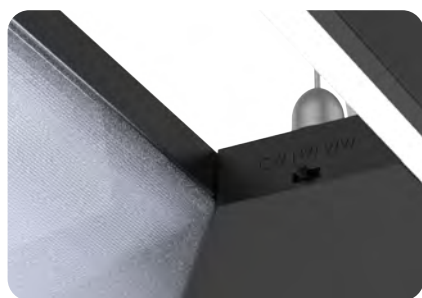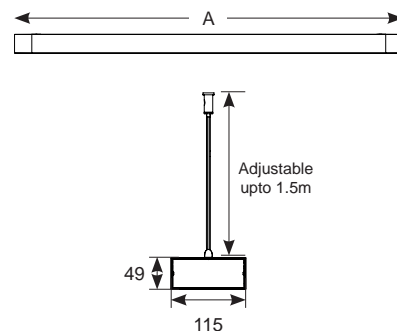
Intergrated switch for choice between
Warm White, Cool White and Daylight

Hollow design provides
ultra-modern appearance

Code	Lamp	Description	A
AMILLED4	LED	38W - 3000K/4000K/6000K	1222
AMILLED5	LED	56W - 3000K/4000K/6000K	1622

CE ⏚ **IP20**

Vasco LED CCT Bi-directional Suspended Linear
Supplied c/w Integral Driver and Suspension Kit

3YR

Selectable **CCT**

- *Suspended linear for commercial applications*
- *Aluminium extruded construction with integral driver*
- *Supplied bi–directional light output as standard with 70% upward light and 30% downward light ratio (directional only option can be selected if required)*
- *50W exceeds performance of 2x28W T5*
- *60W exceeds performance of 2x35W T5*
- *Opal diffuser provides optimal light uniformity*
- *Selectable CCT between 3000K,4000K and 6000K output*
- *Pre-wired with 1.5 metre cable*
- *Adjustable suspension points c/w suspension kit*
- *LED lifespan L90 36,000 hours*

1200

Adjustable upto 1.5m

75

55
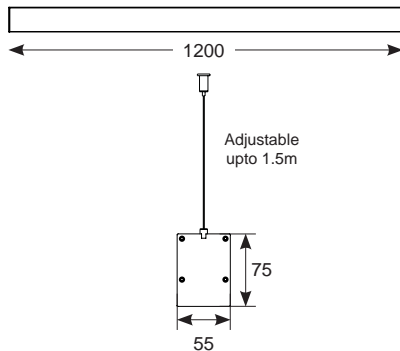
AVASLED

AVASLED/B

Linkable connector for continuous mounting

LED Information

Total (Watts)	50W	60W
Lumens Delivered		
Warm White	4798lm	5308lm
Cool White	5283lm	6405lm
Daylight	4908lm	6075lm
Lm/W		
Warm White	96lm	88lm
Cool White	106lm	107lm
Daylight	98lm	101lm
CRI	Ra 80	
CCT	4000K	
	3000K	
	6000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 45°C	

Code	Lamp	Description
AVASLED	LED	50W - Warm White/Cool white/Daylight - Aluminium
AVASLED/B	LED	50W - Warm White/Cool white/Daylight - Black
AVASLED5	LED	60W - Warm White/Cool white/Daylight - Aluminium
AVASLED5/B	LED	60W - Warm White/Cool white/Daylight - Black

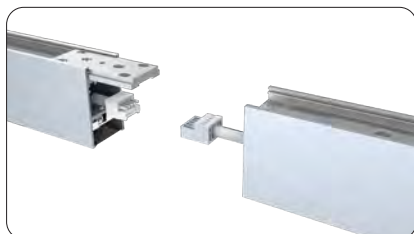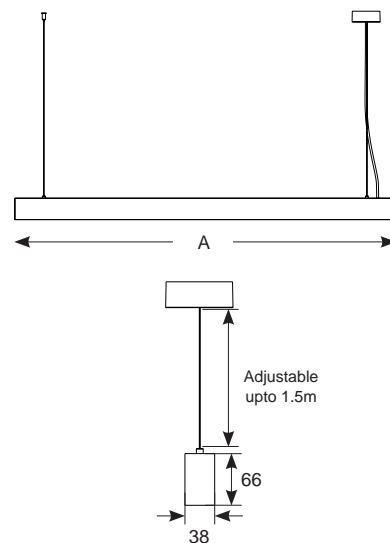| Accessory	**AVASLED/LC**		Continuous Linking Connector

CE ▢ **IP20**

Sidu LED Pendant

Supplied c/w Integral Driver and Suspension Kit

5YR

UGR<6
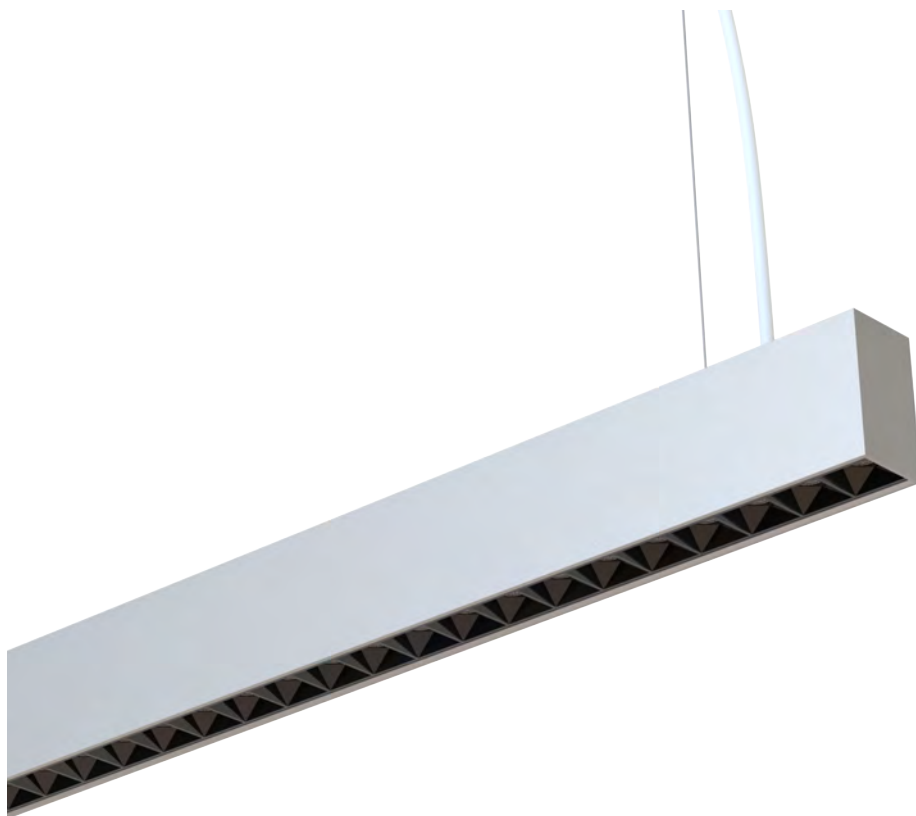
- *Aluminium bi-directional suspended pendant with polycarbonate diffuser*
- *Suitable for office, retail and commercial applications*
- *Suitable for individual or continuous suspension (link bracket included)*
- *Slim profile available in Aluminium (RAL9006)*
- *49W exceeds performance of 2x28W T5*
- *60W exceeds performance of 2x49W T5*
- *Supplied c/w 1.5m adjustable suspension kit as standard*
- *Bi-directional light output split equally*
- *Black polycarbonate micro reflector design helps achieve UGR<6 (unified glare rating) compliant luminaire ideal for most interior lighting applications*
- *LED lifespan L70 50,000 hours*
- *1-10V dimmable as standard*

A

Adjustable upto 1.5m

66

38

LED Information

Total (Watts)	49W
	60W
Lumens Delivered	
49W	5209lm
60W	6762lm
Lm/W	
49W	106lm
60W	113lm
CRI	Ra 80
CCT	4000K
Input	100/240V
Hertz	50/60Hz
Operating Temp	-20℃ to 45℃

Easy connection for continuous applications

Supplied c/w 1.5m suspension kit

Code	Lamp	Description	A
ASIDLED/CW	LED	49W - Cool White	1175
ASIDLED5/CW	LED	60W - Cool White	1493

CE ⏚ IP20

Eaves LED Recessed Linear
Supplied c/w Remote Driver

- *Architectural aluminium LED recessed linear*
- *Black polycarbonate micro reflector low glare design*
- *Suitable for office, retail and commercial applications*
- *Sturdy spring clips provide tight and lasting position once installed*
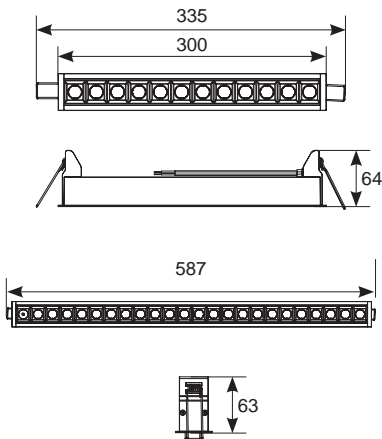- *Smart controls and dimmable options available*
- *LED lifespan L80 81,000 hours*

AEVLED300/WB/CW

AEVLED600/WB/CW

335
300
64
587
63

Black polycarbonate micro reflector design reduces glare

LED Information

Total (Watts)	10W	15W
Lumens Delivered		
Cool White	954lm	1429lm
Warm White	944lm	1402lm
Lm/W		
Cool White	95lm	95lm
Warm White	94lm	93lm
Beam Angle		58°
CRI		Ra 90
CCT		3000K
		4000K
Input		220-240V
Hertz		50/60Hz
Operating Temp		-25°C to 40°C

CE □ IP40

	Code	Lamp	Description
	AEAVLED300/WB/CW	LED	10W - Cool White - 300mm
	AEAVLED300/WB/WW	LED	10W - Warm White - 300mm
	AEAVLED600/WB/CW	LED	15W - Cool White - 600mm
	AEAVLED600/WB/WW	LED	15W - Warm White - 600mm
Option	**/OCTO**		OCTO Smart Control
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)

Project - Lakes College
*Cumbria, UK*

Gemini LED Linear
Supplied c/w Integral Driver

5YR

- High specification fully enclosed linear luminaire
- Microprism diffuser for enhanced photometric performance
- Robust steel construction
- Suitable for surface and suspension
- Ideal for most commercial and educational applications
- LED lifespan L70 65,000 hours

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600
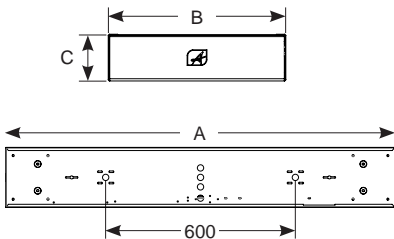
LED Information

| Total (Watts) | 40W |
| | 54W |

Lumens Delivered	
40W	4448lm
54W	5291lm

Lm/W	
40W	108lm
54W	98lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20℃ to 50℃

CE IP20 IK 07

Code	Lamp	Description	A	B	C
AGELED2X4	LED	40W	1230	190	55
AGELED2X5	LED	54W	1510	190	55

Option	/M3	Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Accessory	ASK1	Suspension Kit 1.3m

Push fit loop-in, loop-out terminals provides a fast fit installation

Steel powder coated base for enhanced durability

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High performance LED array

Matt aluminium reflector for optimum glare control

High specification PC diffuser offering excellent transmission and uniformity

Crescent LED Surface Linear
Supplied c/w Integral Driver

5YR

- High specification fully enclosed linear luminaire
- Steel powder coated body for enhanced durability
- Polycarbonate diffuser and polished louvre for excellent photometric performance
- Suitable for surface mounting and suspension
- 42W exceeds performance of 2x35W T5
- 51W exceeds performance of 2x49W T5
- Ideal for most commercial and educational applications
- LED lifespan L70 54,000 hours

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FPL

A

55
200
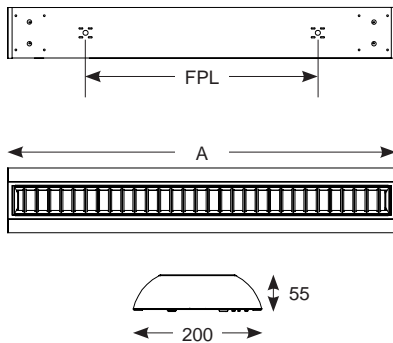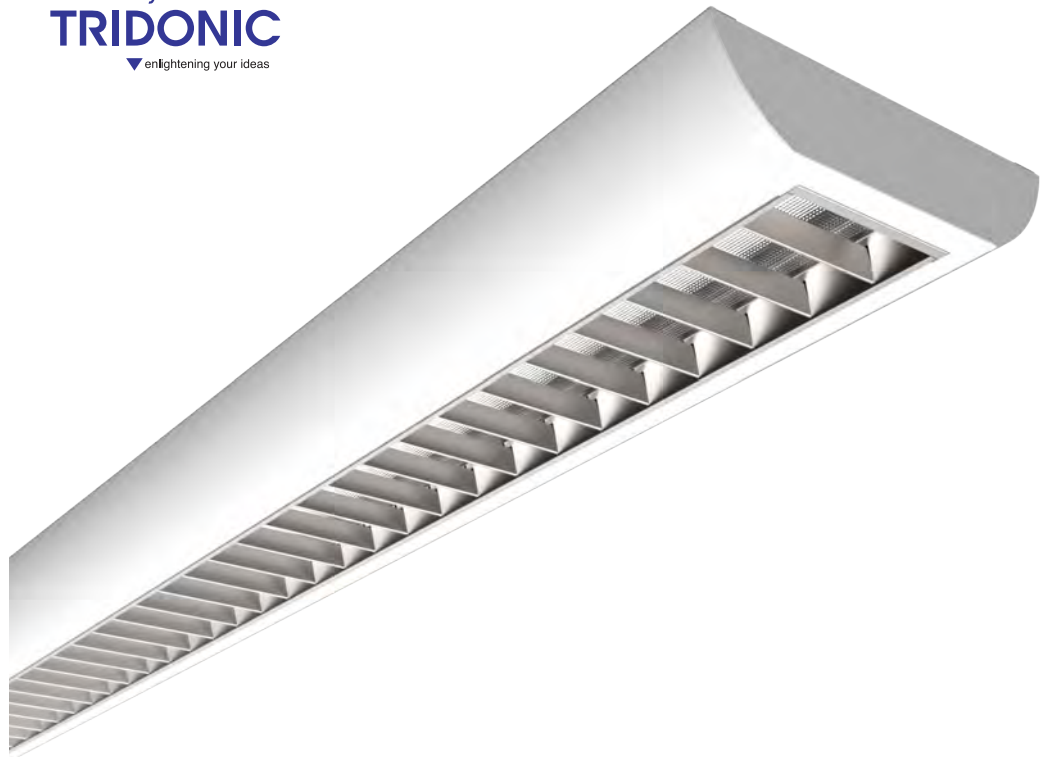
LED Information

Total (Watts)	42W
	51W
Lumens Delivered	
2X4	4497lm
2X5	5266lm
Lm/W	
2X4	107lm
2X5	103lm
CRI	Ra 80
CCT	4000K
Input	220V-240V
Hertz	50Hz
Operating Temp	-20℃ to 50℃

CE ⏚ IP20 IK 06

Code	Lamp	Description	A	FPL
ACRESLED2X4	LED	42W - Cool White	1200	600
ACRESLED2X5	LED	51W - Cool White	1500	900

Option	/M3	Emergency
	/SM3	Self-test Emergency
	/DM3	DALI Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Accessory	ASK1	Suspension Kit 1.3m

Airbeam LED Batten
Supplied c/w Integral Driver

- *High performance LED batten for multi-purpose applications*
- *Up to 56% energy saving compared to T8 fluorescent*
- *Powered by Philips and Tridonic drivers*
- *Steel body construction with powder coat finish*
- *Polycarbonate reeded diffuser and end caps*
- *Instant light output with unlimited switching*
- *Self-test emergency as standard*
- *CorridorFUNCTION for dimmable microwave sensor models*
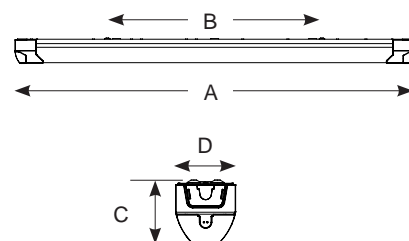- *LED lifespan L70 56,000 hours*

Push Release End Cap

20mm Conduit Entry Facility

End Cap Fixing Option

Ceiling Mounting Continuous Fixings

LED Information

Total (Watts)	25W 34W 37W	48W 55W 70W
Lumens Delivered	2778lm 3608lm 4189lm	5517lm 6407lm 7910lm
Lm/W	116lm 109lm 100lm	106lm 105lm 94lm
CRI	Ra 80	
CCT	4000K	
Input	230V	
Hertz	50Hz	
Operating Temp	0°C to 25°C	

Standard	Code	Lamp	Description	A	B	C	D
	ABLED4	LED	1 x 25W	1220	600	77	76
	ABLED5	LED	1 x 34W	1525	600	77	76
	ABLED6	LED	1 x 37W	1820	600	77	76
	ABLED2X4	LED	1 x 48W	1220	600	77	76
	ABLED2X5	LED	1 x 55W	1525	600	77	76
	ABLED2X6	LED	1 x 70W	1820	600	77	76

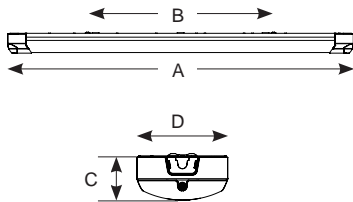| Options		
/M3	Self-Test Emergency	
/OCTO	OCTO Smart Control	
/DD	Digital Dimming (DD1/DD2/DD3/DD4 - ABLED2X6 Not Available)	
/MWS	Integral Microwave Sensor	

Proline LED Surface Linear
## Supplied c/w Integral Driver

- Modern contemporary fully enclosed high performance surface luminaire
- Up to 56% energy savings compared to T8 fluorescent
- Powered by Philips and Tridonic drivers
- Steel powder coated body with reeded opal polycarbonate diffuser and retained end caps
- Low glare and uniform light distribution
- Ideal for most commercial and educational applications
- Self-test emergency as standard
- CorridorFUNCTION for dimmable microwave sensor options
- LED lifespan L70 56,000 hours

Push Release End Cap

20mm Conduit Entry Facility
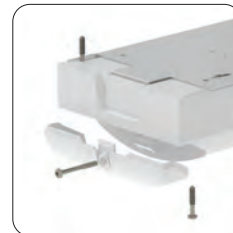
End Cap Fixing Option

Ceiling Mounting Continuous Fixings

LED Information

Total (Watts)	25W	49W
	33W	55W
	36W	70W
Lumens Delivered	2496lm	5097lm
	3440lm	6090lm
	4316lm	8029lm
Lm/W	100lm	98lm
	104lm	100lm
	114lm	101lm
CRI		Ra 80
CCT		4000K
Input		230V
Hertz		50Hz
Operating Temp		0°C to 25°C

CE IP20 IK 09

	Code	Lamp	Description	A	B	C	D
Standard	**APRLED4**	LED	1 x 25W	1220	600	73	148
	APRLED5	LED	1 x 33W	1525	600	73	148
	APRLED6	LED	1 x 36W	1820	600	73	148
	APRLED2X4	LED	1 x 49W	1220	600	73	148
	APRLED2X5	LED	1 x 55W	1525	600	73	148
	APRLED2X6	LED	1 x 70W	1820	600	73	148

	Code	Description
Options	**/M3**	Self-Test Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4 - APRLED2X6 Not Available)
	/MWS	Integral Microwave Sensor

**Project - Dudley College**
Dudley, UK

Oxford LED Surface Linear
Supplied c/w Integral Driver

5YR
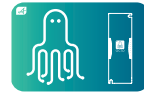
- Modern fully enclosed surface luminaire with curved low profile appearance
- This is a widely used style of fitting within the educational sector
- Steel body with polycarbonate diffuser and plastic end caps
- 23W exceeds performance of 1x35W T5
- 34W exceeds performance of 1x49W T5
- 38W exceeds performance of 2x28W T5
- 60W exceeds performance of 2x49W T5
- LED lifespan L70 54,000 hours
- Dimmable options

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FPL ← →

A ← →

B

C
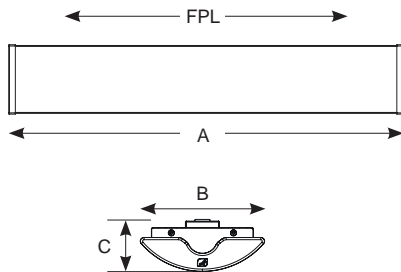
LED Information

Total (Watts)	23W	34W
	38W	60W
Lumens Delivered	2944lm	3668lm
	4248lm	6552lm
Lm/W	128lm	108lm
	111lm	109lm
CRI		Ra 80
CCT		4000K
Input		230V
Hertz		50/60Hz
Operating Temp		-20°C to 50°C

CE ⏚ IP40 IK 07

Code	Lamp	Description	A	B	C	FPL
AOXLED4	LED	23W - Cool White	1190	165	70	1084
AOXLED5	LED	34W - Cool White	1470	165	70	1384
AOXLED2X4	LED	38W - Cool White	1190	165	70	1084
AOXLED2X5	LED	60W - Cool White	1470	165	70	1364

| Options	/M3	Emergency
	/OCTO	OCTO Smart Control
	/DD	Digtial Dimming (DD1/DD2/DD3/DD4)

Brooklyn LED Bi-Directional Panel

Supplied c/w Integral Driver and Suspension Kit

2YR

- *High performance bi-directional suspendable LED panel*
- *Integral LED driver provides a unique aesthetically pleasing design*
- *White anodised aluminium frame*
- *Supplied c/w 1.2m suspension kit as standard*
- *LED lifespan L70 50,000 hours*
- *1-10V dimmable as standard*

295
22
1195

Code	Lamp	Description
ABROLED	LED	36W - Cool White
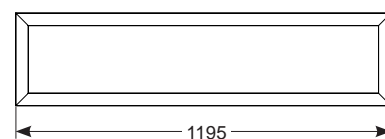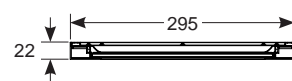
LED Information

Total (Watts)	*36W*
Lumens Delivered	*3788lm*
Lm/W	*105lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 40°C*

CE · IP20

- *High performance minimalist LED panel frame for commercial and architectural applications*
- *Hollow illuminated frame allows installation of standard ceiling panel to sit inside frame and level with grid*
- *Integral switch allows the installer a choice of 3000K, 4000K and 6500K colour temperature options*
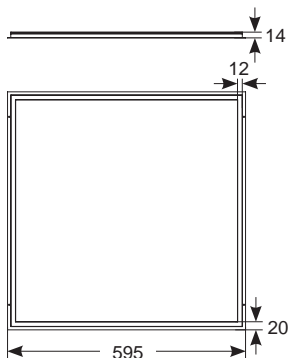- *LED lifespan L70 50,000 hours*

Cool White

Daylight

Warm White

Selectable CCT

Dimensions: 14, 12, 20, 595

LED Information

Total (Watts)	28W
Lumens Delivered	
Cool White	2995lm
Warm White	2877lm
Daylight	3000lm
Lm/W	
Cool White	111lm
Warm White	103lm
Daylight	103lm
CRI	Ra 80
CCT	3000K
	4000K
	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	-20℃ to 45℃

CE □ IP20

Code	Lamp	Description
ASPELED/60/CCT	LED	28W - Warm White/ Cool white / Daylight

Options	/M3	Emergency
	/SM3	Self-Test Emergency
	/DM3	Dali Emergency
	/OCTO	OCTO Smart Control
	/DD	Digtial Dimming (DD1/DD2/DD3/DD4)

Infinite LED Recessed Panel
Supplied c/w Remote Driver

7YR* **ST**

UGR<19

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Panel Pod™
Emergency

Panel Pod™
Sensor

Surface Mounting Frame for LED Panel
(shown with Panel Pod installed)

- High performance LED flat panel which outperforms 3x14W T5
- UGR<19 (unified glare rating) compliant luminaire ideal for most interior lighting applications
- Maintenance free instant light output and unlimited switching
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- TPb as standard
- LED lifespan L70 40,000 hours
- Dimmable options

* 7 Year Warranty applies to fittings registered online (5 Year Warranty for unregistered fittings)

Dimensions (mm)
L595 x W595 x H10

	Code	Lamp	Description
	AIRMLED/CW	LED	35W - Cool White
Emergency	**AIRMLED/POD/3NM/ST**	LED	5W - Panel Pod Self-Test Emergency
Sensor	**AIRMLED/POD/MWS**		1W - Microwave Sensor
Option	**/OCTO**		OCTO Smart Control
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)
Accessories	**AIRMLED/SMF**		Surface Mounting Frame (L600mm x W600mm x D75mm)
	AIRMLED/PRK		Plasterboard Recessing Kit (Cut-out 615x615mm)
	AIRMLED/SK		2 Metre Suspension Kit
	AEQTCC/600		Equaliser 600x600 Temperature Regulator

LED Information

Total (Watts)	35W
Lumens Delivered	3300lm
Lm/W	94lm
CRI	Ra 80
CCT	4750K
Input	230V
Hertz	50Hz
Operating Temp	-10℃ to 40℃

CE ▢ **IP44** *

* Subject to ceiling/installation types
* Not applicable to surface/suspended applications

Project - Synecco
Galway, UK

Endurance LED TPa UGR<19 Recessed Panel
Supplied c/w Remote Driver

5YR | **TP(a)** | **ST**

UGR<19

Panel Pod™ Emergency

Panel Pod™ Sensor

Surface Mounting Frame for LED Panel
(shown with Panel Pod Emergency installed)
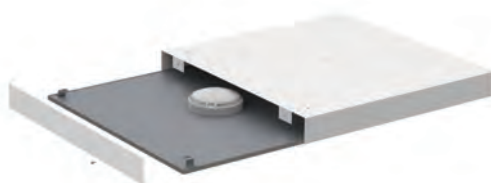
- High performance maintenance free LED panel
- TPa as standard
- UGR<19 (unified glare rating) compliant luminaire assiating to elliminate glare for visual comfort
- panel outperforms 3x14W T5
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Low glare and even light distribution for multiple applications
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Surface mounting frame option
- Powered by Philips
- LED lifespan L90 52,000 hours

AERMLED3/60 Dimensions (mm)
L595 x W595 x H10

See p430 for more information on Panel Pod Emergency and Panel Pod Sensor

	Code	Lamp	Description
	AERMLED3/60/CW	LED	29W - Cool White
	AERMLED3/60/WW	LED	29W - Warm White
	AERMLED3/60/DL	LED	29W - Daylight
High Output	AERMLED3/HO/60/CW	LED	29W - Cool White
	AERMLED3/HO/60/WW	LED	29W - Warm White
	AERMLED3/HO/60/DL	LED	29W - Daylight
Emergency	AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency
Sensor	AIRMLED/POD/MWS		1W - Microwave Sensor

Options	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD3)*
		DD2/DD4 available with alternative control gear
Accessories	AIRMLED/SMF	Surface Mounting Frame (L600mm x W600mm x D75mm)
	AIRMLED/PRK	Plasterboard Recessing Kit (Cut-out 615x615mm)
	AERMLED/SK	2 Metre Suspension Kit
	AEQTCC/600	Equaliser 600x600 Temperature Regulator

LED Information

Total (Watts)	29W	HO
Lumens Delivered		
Cool White	2953lm	3742lm
Warm White	2873lm	3610lm
Daylight	2938lm	3725lm
Lm/W Cool White	102lm	129lm
Lm/W Warm White	99lm	125lm
Lm/W Daylight	101lm	128lm
CRI	Ra 80	
CCT Cool White	4000K	
CCT Warm White	3000K	
CCT Daylight	6000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 40°C	

CE ▫ **IP44** *

* Subject to ceiling/installation types
* Not applicable to surface/suspended applications

Panel Pod
Emergency

Panel Pod
Sensor

Panel Pod Compatible
Quickly and easily convert standard panel to
either Self-Test Emergency or Microwave Sensor

LED board placement
creates a more uniform
distribution of light with no
dark spots or shadowing.
LED lifespan
L70 30,000 hours

Quick release POD cover for
quick and easy installation
of the Ansell self-test
emergency Panel Pod

Philips CertaDrive LED driver

0.2mm steel back plate
providing support and rigidity

Panel POD aperture.
Panel POD compatible for all
emergency and microwave
sensor requirments and self-
test as standard

5mm Pearl Wool
supporting all panel layers
into position

0.188mm High efficient
regulator sheet maximizing
performance efficiency

Latest high efficency
SMD LED array

2mm MS LGP guarantee
to maintain stipulated CCT
throughout the lifetime of the
product

TP(a) fire retardant
diffuser as standard
suitable for all
applications

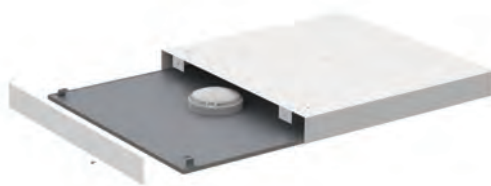*Reinforced steel powder*
coated frame for added
rigidity

UGR 19

Endurance LED TPa Recessed Panel

Supplied c/w Remote Driver

5YR | **TP(a)** | **ST**

- High performance maintenance free LED panel
- TPa as standard
- 30W panel outperforms 3x14W T5
- Low glare and even light distribution for multiple applications
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Surface mounting frame option
- Powered by Philips
- LED lifespan L90 52,000 hours

AERMLED/260 Dimensions (mm)
L595 x W595 x H10

See p430 for more information on Panel Pod Emergency and Panel Pod Sensor

Panel Pod™ Emergency

Panel Pod™ Sensor

Surface Mounting Frame for
LED Panel
(shown with Panel Pod
Emergency installed)

	Code	Lamp	Description
	AERMLED2/60/CW	LED	29W - Cool White
	AERMLED2/60/WW	LED	29W - Warm White
	AERMLED2/60/DL	LED	29W - Daylight
Emergency	**AIRMLED/POD/3NM/ST**	LED	5W - Panel Pod Self-Test Emergency
Sensor	**AIRMLED/POD/MWS**		1W - Microwave Sensor
Options	**/OCTO**		OCTO Smart Control
	/DD		Digital Dimming (DD1/DD3)*
			DD2/DD4 available with alternative control gear
Accessory	**AIRMLED/SMF**		Surface Mounting Frame (L600mm x W600mm x D75mm)
	AIRMLED/PRK		Plasterboard Recessing Kit (Cut-out 615x615mm)
	AERMLED/SK		2 Metre Suspension Kit
	AEQTCC/600		Equaliser 600x600 Temperature Regulator

LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	3092lm
Warm White	2891lm
Daylight	3046lm
Lm/W Cool White	107lm
Lm/W Warm White	100lm
Lm/W Daylight	105lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6000K
Input	230V
Hertz	50Hz
Operating Temp	-20℃ to 40℃

CE IP44 *

* Subject to ceiling/installation types
* Not applicable to surface/suspended applications

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Project - Dudley College
Dudley, UK

Endurance LED TPa Recessed Panel

Supplied c/w Remote Driver

5YR TP(a) ST

- High performance maintenance free LED panel
- TPa as standard
- 60W panel outperforms 3x28W T5
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Low glare and even light distribution for multiple applications
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Powered by Philips
- LED lifespan L90 52,000 hours

AERMLED/120 Dimensions (mm)
L1195 x W595 x H10

Panel Pod™
Emergency

Panel Pod™
Sensor

Code	Lamp	Description
AERMLED2/120/CW	LED	58W - Cool White
AERMLED2/120/WW	LED	58W - Warm White
AERMLED2/120/DL	LED	58W - Daylight
Emergency AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency
Sensor AIRMLED/POD/MWS		1W - Microwave Sensor
Option /DD		Digital Dimming (DD1/DD2/DD3)
Accessory AERMLED/120/SMF		1200x600 Surface Mounting Frame

LED Information

Total (Watts)	58W
Lumens Delivered	
Cool White	5780lm
Warm White	5363lm
Daylight	5646lm
Lm/W Cool White	100lm
Lm/W Warm White	93lm
Lm/W Daylight	97lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

CE ☐ **IP44** *

* Subject to ceiling/installation types
* Not applicable to surface/suspended applications

Endurance LED TPa Recessed Panel

Supplied c/w Remote Driver

| ST | TP(a) | 5YR |
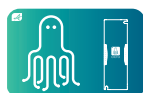
- *High performance maintenance free LED panel*
- *TPa as standard*
- *Cool white, warm white and daylight options*
- *White anodised aluminium frame for visual compatibility with ceiling grid*
- *Low glare and even light distribution for multiple applications*
- *Panel Pod Self-Test emergency option*
- *Panel Pod sensor option*
- *Powered by Philips*
- *LED lifespan L90 52,000 hours*

AERMLED2/30 Dimensions (mm)
L1195 x W295 x H10

See p430 for more information on Panel Pod Emergency and Panel Pod Sensor

LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	3234lm
Warm White	3187lm
Daylight	3211lm
Lm/W Cool White	112lm
Lm/W Warm White	110lm
Lm/W Daylight	111lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	-20℃ to 40℃

CE ☐ **IP44** *

* Subject to ceiling/installation types
* Not applicable to surface/suspended applications

	Code	Lamp	Description
	AERMLED2/30/CW	LED	29W - Cool White
	AERMLED2/30/WW	LED	29W - Warm White
	AERMLED2/30/DL	LED	29W - Daylight
Emergency	**AIRMLED/POD/3NM/ST**	LED	5W - Panel Pod Self-Test Emergency
Sensor	**AIRMLED/POD/MWS**		1W - Microwave Sensor
Options	**/OCTO**		OCTO Smart Control
	/DD		Digital Dimming (DD1/DD2/DD3)
Accessory	**AERMLED/SK**		2 Metre Suspension Kit
	AERMLED/30/SMF		1200x300 Surface Mounting Frame

Panel Pod Emergency and Panel Pod Sensor

For Infinite and Endurance LED Panels

3YR	5YR	ST

AIRMLED/POD/3NM/ST

Panel Pod™ Emergency

AIRMLED/POD/MWS

Panel Pod™ Sensor

Emergency Panel Pod

- *Integral Self-Test emergency pod to convert any new Infinite LED and Endurance LED panel to emergency, instantly*
- *LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime*
- *Simple, quick twist and lock fixing*
- *Supplied with a pre-wired 1 Metre cable for ease of installation*
- *Tri-colour LED shows green for healthy running condition, red/flashing for fault conditions and white for emergency operation*
- ***UK Patent No. GB2522285***
- ***European Patent No. 15165652.7***
- ***Irish Patent No. 2015/0128***
- ***EC Registered Design No 002712232-0001***

45 / 125
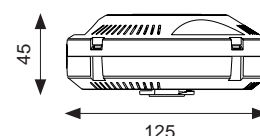
LED Information

Total (Watts)	5W
Lumens Delivered	189lm
Beam Angle	120°
CCT	6500K
Input	230V
Operating Temp	0℃ to 45℃

Sensor Panel Pod

- *Converts Ansell Infinite and Endurance LED panels to microwave sensor operation*
- *Provides detection area of 360° with a detection angle of 120°*
- *Simple twist and lock connection*
- *Pre-wired 300mm 4-core flex for easy installation*
- *Fast and efficient installation*
- *Adjustable time delay and distance*
- ***UK Patent Applied For No. 1504205.4***
- ***EC Registered Design No 002712232-0001***

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CE ⏚ IP20
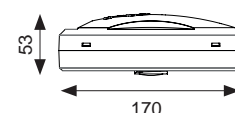
	Code	Lamp	Description
Emergency	**AIRMLED/POD/3NM/ST**	LED	5W - Panel Pod Self-Test Emergency
Sensor	**AIRMLED/POD/MWS**		1W - Microwave Sensor

Panel Pod

Panel Pod™
Emergency

Panel Pod™
Sensor

Pre-wired 1 metre cable *
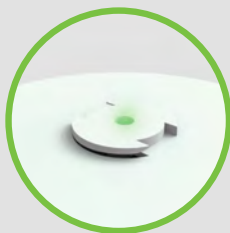
As standard ensuring a fast and easy installation
* 300mm for Panel Pod Sensor

Twist and Lock Connection

Provides a secure connection and easy installation

Self-Test as standard *

Provides instant indication to status of emergency module and lamp,
negating the need for manual monthly and annual checks
* Panel Pod Emergency only

Detection Area and Angle

Provides detection area of 360° with a detection angle of 120°

** Only one Panel Pod can be attached to the back of individual panels**

Defender LED IP65 Clean Air Recessed Modular

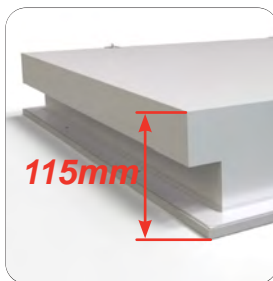*Supplied c/w Integral Driver*

5YR

- Sealed LED luminaire to endure arduous environments
- High quality steel housing with welded frame and secured by Easy Fix style brackets
- Frame fitted with TP(a) rated diffuser providing excellent diffusion and outstanding light transmission
- Suitable for areas such as laboratories, hospitals, clean rooms, kitchens and showers
- LED lifespan L70 56,000 hours

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598

598

115

547

Easy Fix style bracket

115mm

115mm depth
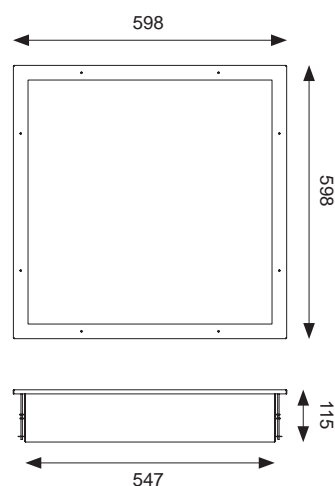
LED Information

Total (Watts)	49W
Lumens Delivered	4660lm
Lm/W	95lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20℃ to 50℃

Code	Lamp	Description
ADELED	LED	49W - Cool White

| Options		
/M3	Emergency	
/DD	Digital Dimming (DD1/DD2/DD3/DD4)	

CE ⏚ **IP65** IK 07

Lota LED CCT Troffer
Supplied c/w Integral Driver

5YR
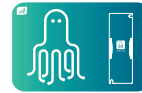
- High performance indirect recessed luminaire
- UGR<19 (unified glare rating) compliant luminaire ideal for most interior lighting applications
- Ideal for office or commercial applications
- Selectable CCT between 3000K, 4000K and 6000K output
- Exceeds performance of 2x40W PL-L
- Powder coated steel construction
- LED lifespan L70 30,000 hours
- TP(a) as Standard

Selectable CCT

Cool White

Daylight

Warm White

UGR<19

595 | 595 | 80
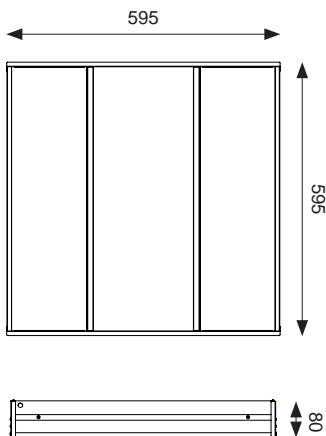
LED Information

Total (Watts)	**29W**
Lumens Delivered	
Warm White	3051lm
Cool White	3195lm
Daylight	3178lm
Lm/W	
Warm White	105lm
Cool White	110lm
Daylight	110lm
CRI	**Ra 80**
CCT	
Warm White	3000K
Cool White	4000K
Daylight	6000K
Input	**230V**
Hertz	**50/60Hz**
Operating Temp	**-10°C to 40°C**

CE □ **IP20**

Code	Lamp	Description
ALOTLED	LED	29W - Cool White/ Warm White/ Daylight

Options		
	/M3	Emergency
	/SM3	Self-Test Emergency
	/DM3	DALI Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Gridline Duo LED Indirect Recessed Modular

Supplied c/w Integral Driver, Louvre and Opal Diffuser

5YR **ST**

Visiluxe Diffuser Fitted

GRIDLINE™ *DUO*

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TRIDONIC
▼ en**l**ightening your ideas

- Shallow 2-In-1 LED direct / indirect recessed luminaire with outstanding efficiency characteristics
- Each fitting supplied with chrome central louvre and high transmission diffuser options (high gloss black or white central louvres available as optional accessories)
- Up to 70% saving compared to 2x55W PL-L
- Quick access termination point for rapid installation
- Instant light output and unlimited switching
- Self-test emergency as standard
- Small unobtrusive microwave sensor option
- CorridorFUNCTION for dimmable microwave sensor options
- LED lifespan L70 56,000 hours

Chrome Trim Louvre Fitted

595

43   53
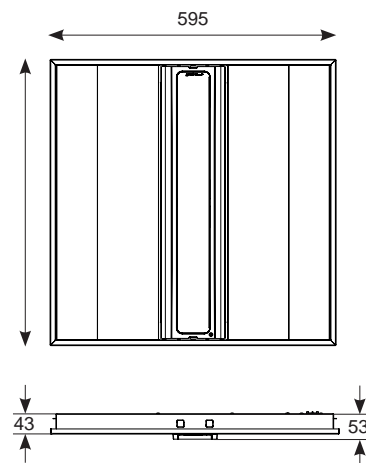
Code	Lamp	Description
AGDLED	LED	37W - Cool White

Options	/M3	Self-Test Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)
	/MWS	Integral Microwave Sensor

Accessories	AGDLED/WLA	High Gloss White Louvre Trim
	AGDLED/BLA	High Gloss Black Louvre Trim
	AIRMLED/PRK	Plasterboard Recessing Kit (Cut-out 608x608mm)

LED Information

|	
Total (Watts)	37W
Lumens Delivered	3300lm
Lm/W	89lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	0℃ to 25℃

CE ⏚ **IP20**

Venus LED Indirect
Supplied c/w Integral Driver

5YR

- High performance indirect recessed luminaire with outstanding efficiency characteristics
- Comparable performance to 3x14W T5
- Instant light output and unlimited switching
- Quick access termination point for ease of installation
- Powder coated welded steel box construction for lay in applications only
- LED lifespan L70 54,000 hours

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595

595

110
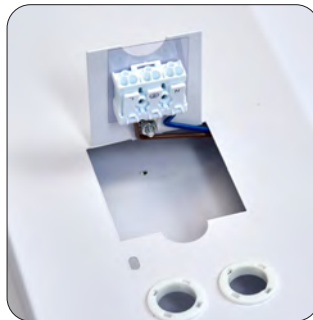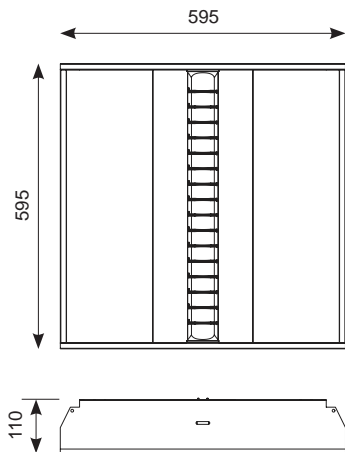
Quick Access Termination Point (Push Fit Terminals)

Mirrored Internal Reflector For Enhanced Distribution

LED Information

Total (Watts)	40W
Lumens Delivered	3926lm
Lm/W	98lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20℃ to 50℃

CE ⏚ **IP20**

Code	Lamp	Description
AVENLED	LED	40W - Cool White

Options		
/M3	Emergency	
/OCTO	OCTO Smart Control	
/DD	Digital Dimming (DD1/DD2/DD3/DD4)	

Neptune LED CCT Troffer
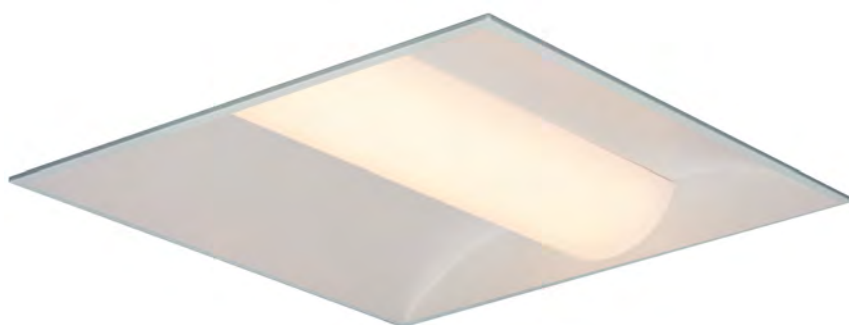*Supplied c/w Integral Driver*
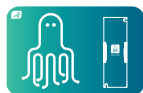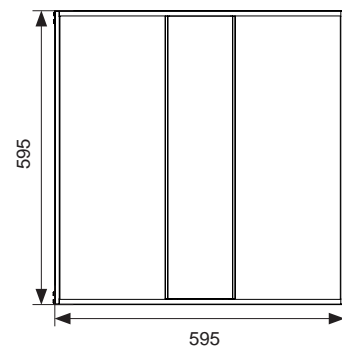
5YR

Cool White

Selectable CCT

Daylight

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Warm White

- High performance indirect recessed luminaire
- Selectable CCT between 3000K, 4000K and 6000K output
- Ideal for office or commercial applications
- Exceeds performance of 2 x 40W PL-L
- Powder coated steel construction
- LED lifespan L70 50,000 hours

595
595
90

LED Information

Total (Watts)	36W
Lumens Delivered	
Warm White	3564lm
Cool White	3796lm
Daylight	3767lm
Lm/W	
Warm White	99lm
Cool White	108lm
Daylight	102lm
CRI	Ra 80
CCT	
Warm White	3000K
Cool White	4000K
Daylight	6000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20℃ to 45℃

Code	Lamp	Description
ANEPLED	LED	36W - Warm White/Cool White/Daylight

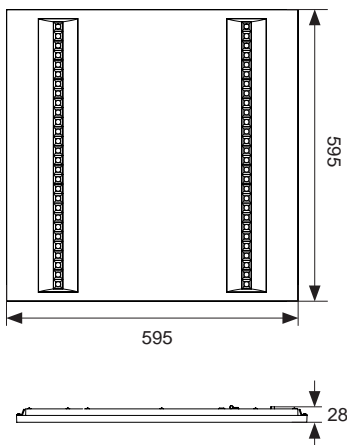| Options		
/M3	Emergency	
/OCTO	OCTO Smart Control	
/DD	Digital Dimming (DD1/DD2/DD3/DD4)	

CE ▢ **IP20**

Pluto LED
Supplied c/w Integral Driver

5YR

- *Stylish LED recessed modular*
- *UGR>14 (unified glare rating) compliant Ideal for office, school, retail and commercial applications*
- *Exceeds performance of 2 x 55W PL-L*
- *LED lifespan L70 50,000 hours*

UGR‹14

595

595

28

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TRIDONIC
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LED Information

Total (Watts)	*35W*
Lumens Delivered	*3591lm*
Lm/W	*112lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20℃ to 45℃*

CE □ **IP20**

	Code	Lamp	Description
	APLULED	LED	35W - Cool White

Options	/M3	Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)