



TROFFER APPLICATION GUIDE

CREATING ADVANCED TROFFER LIGHTING

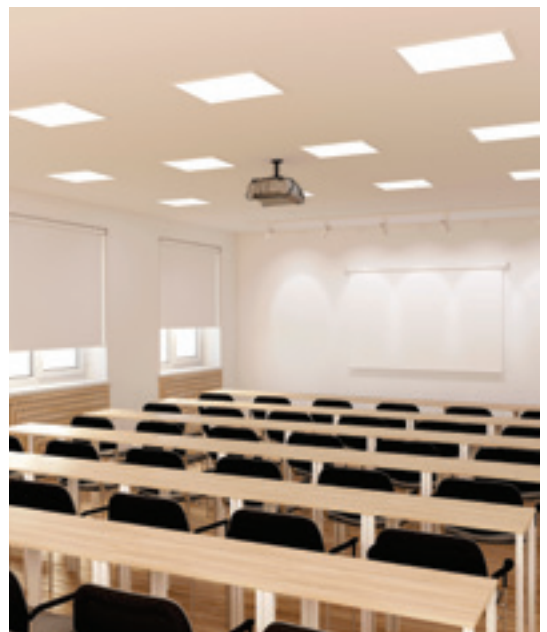


Pierlite's state-of-the-art troffers enhance the visual comfort of occupants by providing high colour rendering and uniform lighting. This is especially important for workspaces and healthcare facilities, as an environment's light distribution can significantly affect work performance and patient comfort.

Our troffers are equipped with leading smart lighting technology, powered by Pierlite Connect. This focuses on human centric lighting through features such as flexible controls, occupancy sensing, people tracking, daylight harvesting, and Internet of Things (IoT) sensors that enhance the wellbeing of occupants.

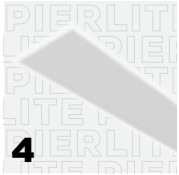
Pierlite's troffers also provide energy efficient LED lighting solutions that consume half the amount of energy as traditional fluorescent lights. Not only is this better for the planet, but low energy consumption also cuts overall overhead costs and increases the asset value of your building.

Our extensive variety of troffer lights are of unmatched quality and are locally designed and manufactured to the highest of standards. They are also engineered for ease of installation and efficient use. Pierlite's troffer lighting solutions are commonly used in open-plan or private offices, meeting rooms, hospitals, and general healthcare facilities.



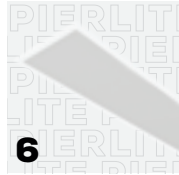
INDEX

PANELS



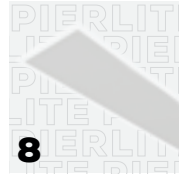
4

Eco Panel Gen 2



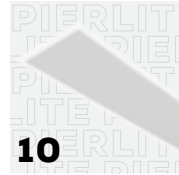
6

Slender Panel Gen 2



8

Slender Academy Panel



10

Slender Cyanosis Panel

DIFFUSED



12

Ambienz Diffused Troffer Gen2



14

DLED2 Troffer



16

DLED 100 Profile



18

DLED Troffer Gen3



20

DLED Air Troffer Gen3



22

Nevado Troffer



24

Elypse Troffer



26

Elypse Air Troffer

LOUVRED



28

Futchu Troffer Gen2



30

Ambienz Louvre Troffer Gen2



32

Oculod Troffer

MODULAR



34

Momentum 1 Modular Troffer

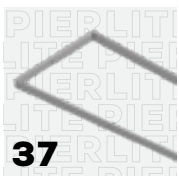
SPECIALITY



36

Aether LED Troffer

TROFFER ACCESSORIES



37

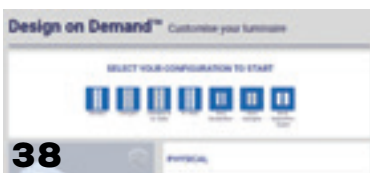
Surface & Recessed Frames



37

Suspension Kits

DESIGN ON DEMAND



38

PIERLITE CONNECT



39



ECO PANEL GEN2

A low-profile luminaire designed as an ideal replacement for traditional fluorescent recessed troffers. The lightweight, energy efficient diffused panel comes with a variety of options and features, suitable for most of today's commercial lighting applications.

- Colour Select or fixed colour options available, allowing you to choose the required colour temperature within one fitting.
- Easy to install with a lightweight design and remote driver.
- Opal diffuser delivering high quality and even light distribution.
- Available in a low glare UGR19 option.



CRI 80
Colour Rendering Index



UGR 22
UGR 19
Unified Glare Rating



6SDCM
MacAdam Step Ellipse



54,000hr
Lifetime



IP40
Ingress Protection Rating



3 Year
Warranty



1.2m
Flex & Plug



Approved
Government Schemes

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
ECOPL063CSEG2	14	1400	100	4000	Non Dimmable	L595 x W295 x H30	1
		1500		5000			
		1400		6500			
ECOPL066CSEG2	27	2800	103	4000	Non Dimmable	L595 x W595 x H30	2
		2900		5000			
		2800		6500			
ECOPL1234EG2	27	2900	107	4000	Non Dimmable	L1195 x W295 x H30	2
ECOPL1234UG19	34	3200	94	4000	Non Dimmable	L1195 x W295 x H30	2
ECOPL123CSEG2	27	2800	103	4000	Non Dimmable	L1195 x W295 x H30	2
		2900		5000			
		2800		6500			
ECOPL126CSEG2	50	5000	100	4000	Non Dimmable	L1195 x W595 x H30	4
		5300		5000			
		5000		6500			

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W/LM/CCT	27W / 2839Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

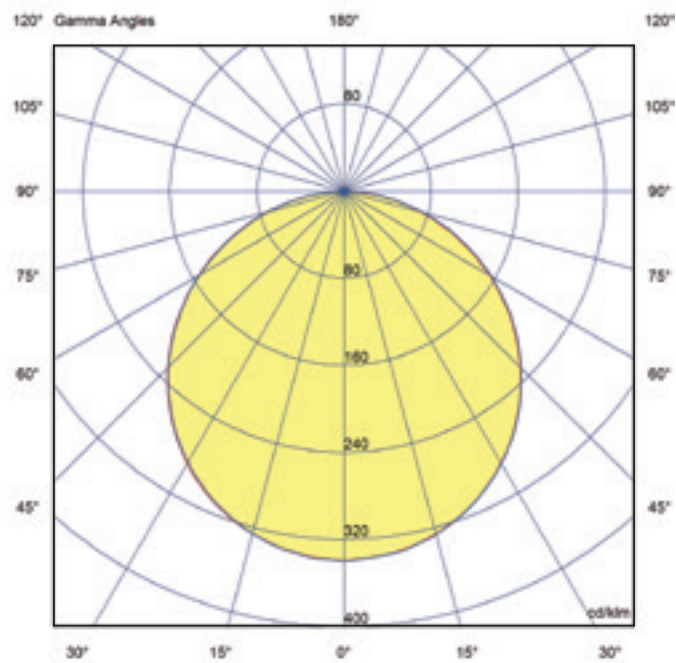
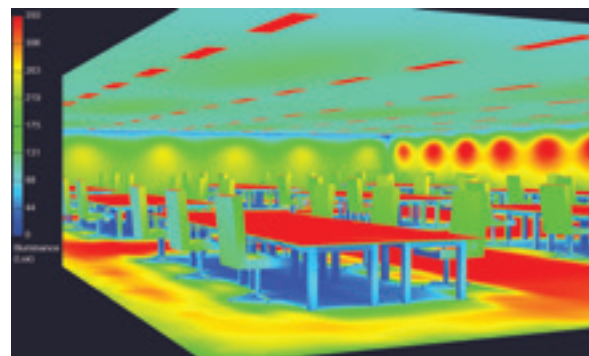
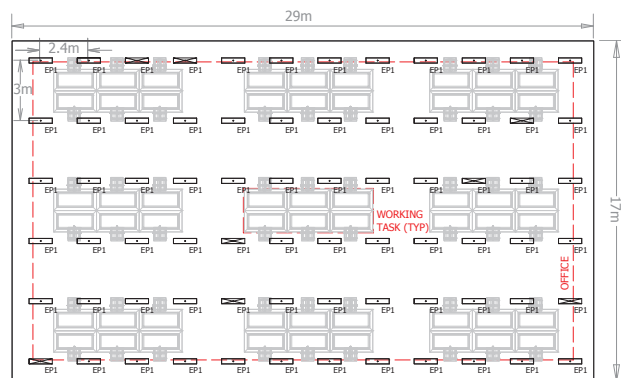
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.74	0.95
AVERAGE	380Lx	367Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	22	22

CRI	
R ^a	80
R _g	7

LPD	
AREA	493M ²
CEILING	2.7M
POWER	2000W
LPD	4.1W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >54,000	L90 >41,000



Polar Curve: ECOPL123CSEG2

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





SLENDER PANEL GEN2

Designed with industry leading components and performance characteristics, the Slender Panel offers long lumen maintenance and high efficiency for conventional lighting replacements and project requirements.



- Available in a highly efficient opal diffuser (UGR22), or low glare micro-prismatic diffuser (UGR19), with a remote flicker free driver
- Slim design, with a 10mm aluminium white frame, in a matte finish
- Various dimming options available 1-10V, phase dim, push dim on request



CRI 80
Colour Rendering Index



UGR 19
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP40
Ingress Protection Rating



DALI
Dimmable



IC-4
Insulation Contact Rating



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
SL06349K19E1	13	1376	105	4000	Non Dimmable	L595 x W295 x H10	3
SL06349K19P1	19	2009	107	4000	DALI	L595 x W295 x H10	3
SL06349K19D1	13	1376	105	4000	DALI	L595 x W295 x H10	3
SL06349K19D2	19	2009	107	4000	DALI	L595 x W295 x H10	3
SL06649K19E1	25	2592	104	4000	Non Dimmable	L595 x W595 x H10	4
SL06649K19P1	33	3606	109	4000	DALI	L595 x W595 x H10	4
SL06649K19D1	25	2592	104	4000	DALI	L595 x W595 x H10	4
SL06649K19D2	33	3606	109	4000	DALI	L595 x W595 x H10	4
SL12349K19E1	25	2677	107	4000	Non Dimmable	L1195 x W295 x H10	4
SL12349K19P1	34	3596	106	4000	Non Dimmable	L1195 x W295 x H10	4
SL12349K19D1	25	2677	107	4000	DALI	L1195 x W295 x H10	4
SL12349K19D2	34	3596	106	4000	DALI	L1195 x W295 x H10	4

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	25W / 2677Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

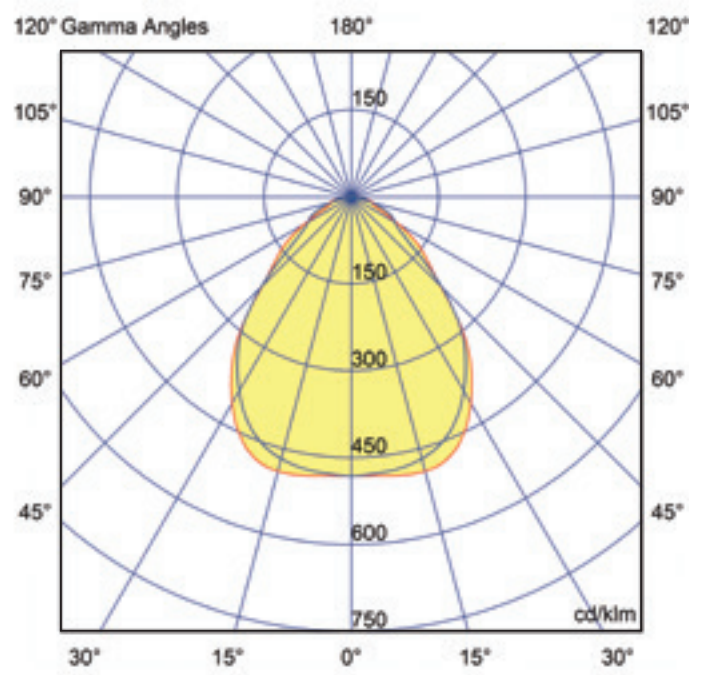
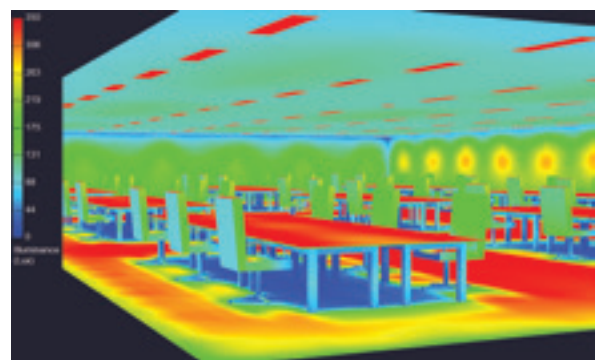
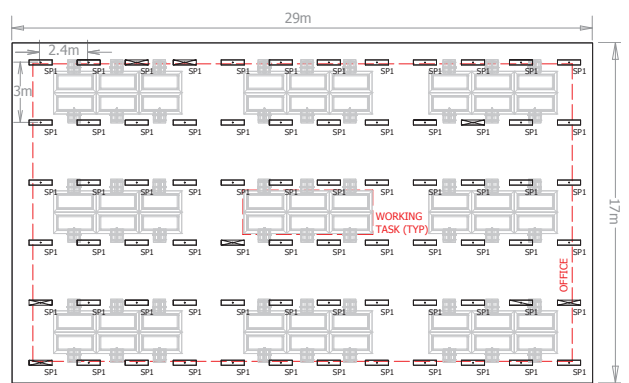
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.74	0.88
AVERAGE	369Lx	358Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	19	19

CRI	
R ^a	90
R _g	58

LPD	
AREA	493m ²
CEILING	2.7m
POWER	1794W
LPD	3.6W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >72,000	L90 >39,000



NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +-15%.





SLENDER ACADEMY PANEL

Dedicated for schools, universities and advanced learning environments, the Slender Academy is a modern backlit panel that is efficient and provides low glare lighting.

- Smooth, acrylic micro prismatic diffuser for comfortable, low glare lighting
- Sleek, aluminium matte white finish frame, complete with a remote flicker free driver
- Available in four sizes for added flexibility with project requirements



CRI 90
Colour Rendering Index



UGR 19
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



54,000hr
Lifetime



IP40
Ingress Protection Rating



DALI
Dimmable



IC-4
Insulation Contact Rating



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
SLA06349K19D1	17	1700	100	4000	DALI	L595 x W295 x H30	3
SLA06649K19D2	39	4300	108	4000	DALI	L595 x W595 x H30	4
SLA12349K19D2	40	4200	102	4000	DALI	L1195 x W295 x H30	4
SLA12649K19D2	60	6900	115	4000	DALI	L1195 x W595 x H30	8

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	24W / 2700Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

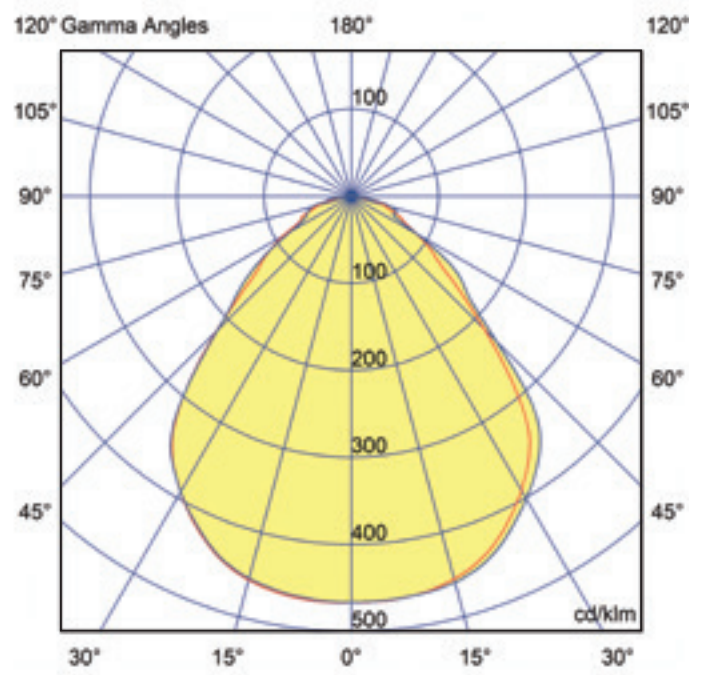
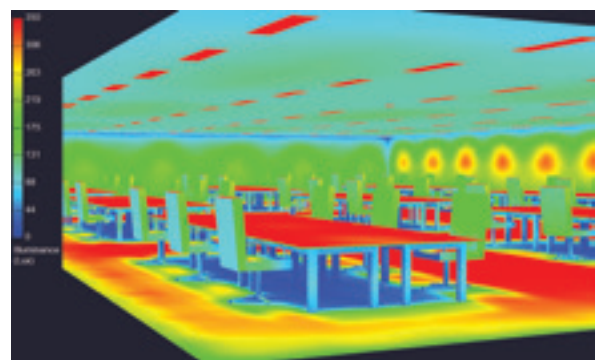
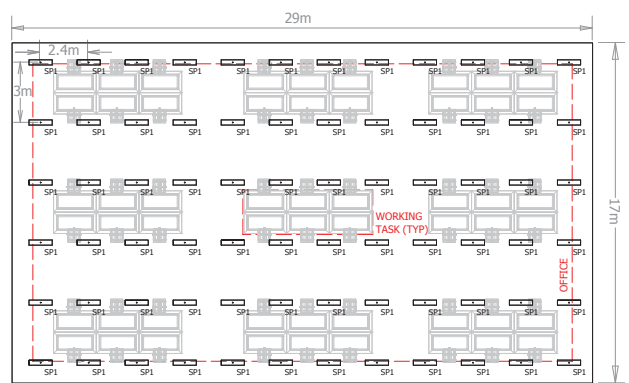
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.76	0.91
AVERAGE	370Lx	367Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	19	19

CRI	
R ^a	90.4
R _g	55

LPD	
AREA	493m ²
CEILING	2.7m
POWER	1728W
LPD	3.0W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >54,000	L90 >36,000



Polar Curve: SLA12349K19D2

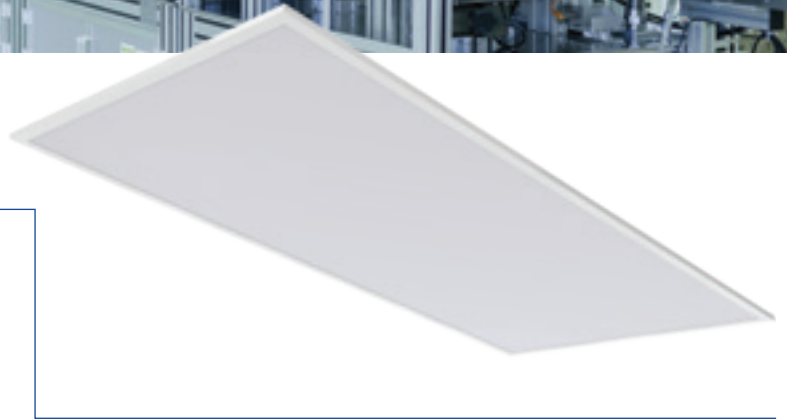
NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +-15%.





SLENDER CYANOSIS PANEL

Healthcare grade, diffused panel using the latest generation components that provide low glare and high fidelity lighting. The panel is ideal for hospitals, clinics and laboratories, while also suitable for food manufacturing and preparation areas.



- Slim 12mm backlit panel with a sleek and modern appeal
- Cyanosis compliant – COI 2.23 for medical and hygienic applications
- Comfortable, low glare lighting with a micro prismatic diffuser



CRI 90
Colour Rendering Index



UGR 19
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP65
Ingress Protection Angle



DALI
Dimmable



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
SL063CK19D2	20	2000	100	4000	DALI	L595 x W295 x H12	3
SL066CK19D1	28	2900	104	4000	DALI	L595 x W595 x H12	4
SL066CK19D2	32	3385	106	4000	DALI	L595 x W595 x H12	4
SL123CK19D1	28	2900	104	4000	DALI	L1195 x W295 x H12	4
SL123CK19D2	32	3385	106	4000	DALI	L1195 x W295 x H12	4

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	28W / 2898Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

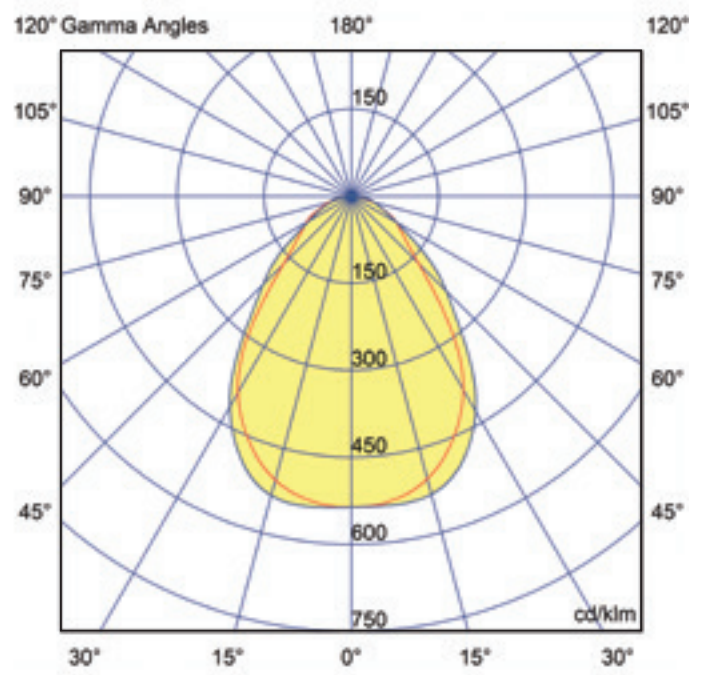
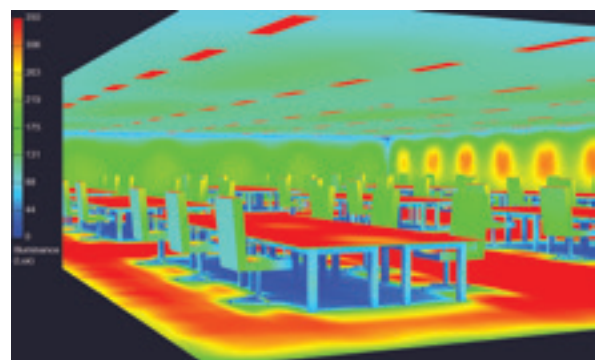
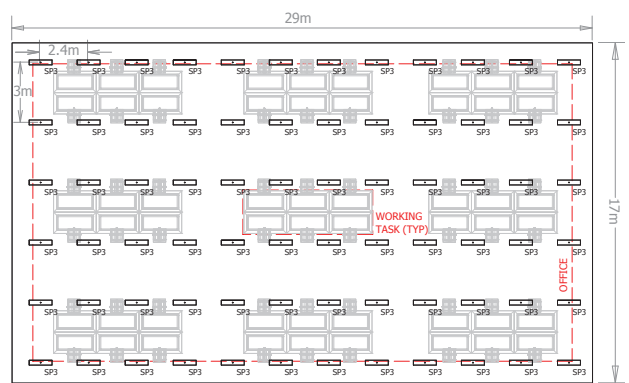
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.76	0.82
AVERAGE	399Lx	385Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	19	19

CRI	
R ^a	93.4
R _g	71

LPD	
AREA	493m ²
CEILING	2.7m
POWER	2016W
LPD	4.1W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >72,000	L90 >50,000



Polar Curve: SL123CK19D1

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





AMBIENZ DIFFUSED TROFFER GEN2

Offering a high performing, pleasant working environment, the Ambienz diffused troffer has a curved steel body that is softly back-lit reducing the cavern effect often associated with cut off louvered luminaires. Ideal for offices with low UGR requirements, and professional applications such as hospitals, where a softer light is required.

- Ambienz family is also available in a louvred option to suit various applications in 1200mm and 600mm lengths
- Remote flicker free drivers with DALI and analogue dimming options
- Outstanding uniformity through its photometric distribution



CRI 90
Colour Rendering Index



UGR 19
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP40
Ingress Protection Rating



DALI
Dimmable



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
A-LED2/D06349U1	15	1600	107	4000	DALI	L590 x W290 x H89	4
A-LED2/D06349U2	20	2200	110	4000	DALI	L590 x W290 x H89	4
A-LED2/D12349U1	28	2900	104	4000	DALI	L1190 x W290 x H89	6
A-LED2/D12349U2	40	4000	100	4000	DALI	L1190 x W290 x H89	6

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	29W / 2943Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

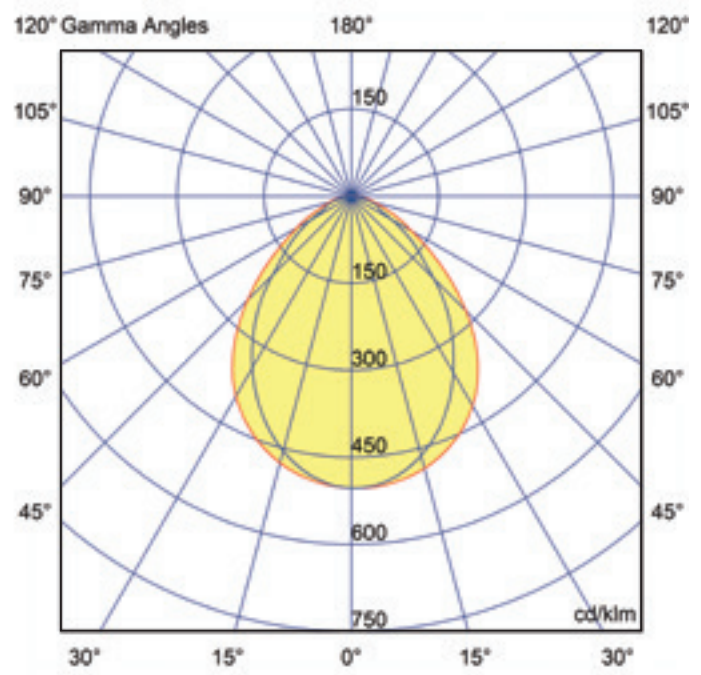
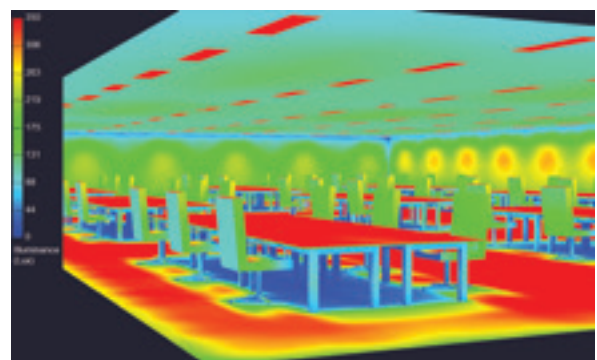
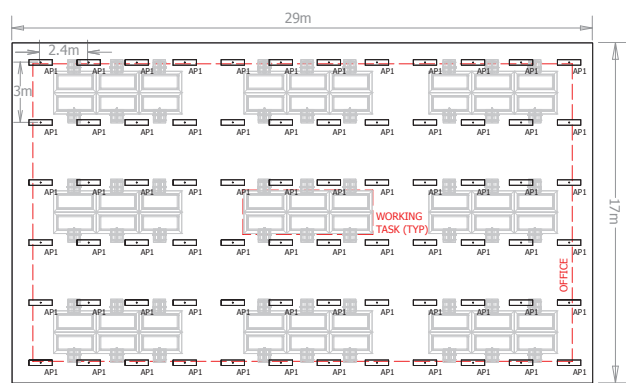
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.70	0.88
AVERAGE	406Lx	392Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	19	19

CRI	
R ^a	94
R _g	64

LPD	
AREA	493m ²
CEILING	2.7m
POWER	2052W
LPD	4.2W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >72,000	L90 >38,000



Polar Curve: A-LED2/D12349U1

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





DLED2 TROFFER

The DLED2 recessed diffused T-bar troffer is an energy efficient luminaire with a remote driver, ensuring the longest possible lifetime of its LED components. It can be designed with air return trims or as a surface mount.

- Sturdy low profile steel body with a polyester powder coated finish
- Acrylic opal diffuser offering uniform illumination
- Available in a Cyanosis compliant version



CRI 80
Colour Rendering Index



UGR 22
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP54
Ingress Protection Rating



DALI
Dimmable



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
DLED2B0634F2	19	1900	100	4000	Non Dimmable	L594 x W294 x H62	3
DLED2B0634A2	16	1600	100	4000	DALI	L594 x W294 x H62	3
DLED2B0634A4	25	2400	96	4000	DALI	L594 x W294 x H62	3
DLED2B06649F2	26	2900	112	4000	Non Dimmable	L594 x W594 x H62	5
DLED2B06649F4	34	3700	109	4000	Non Dimmable	L594 x W594 x H62	5
DLED2B06649F6	39	4200	108	4000	Non Dimmable	L594 x W594 x H62	5
DLED2B06649A2	23	2600	113	4000	DALI	L594 x W594 x H62	5
DLED2B06649A4	31	3400	110	4000	DALI	L594 x W594 x H62	5
DLED2B06649A6	37	4000	108	4000	DALI	L594 x W594 x H62	5
DLED2B12349F3	26	2800	108	4000	Non Dimmable	L1194 x W294 x H62	5
DLED2B12349F4	29	3070	106	4000	Non Dimmable	L1194 x W294 x H62	5
DLED2B12349F6	37	3800	103	4000	Non Dimmable	L1194 x W294 x H62	5
DLED2B12349A2	26	2800	108	4000	DALI	L1194 x W294 x H62	5
DLED2B12349A4	31	3300	106	4000	DALI	L1194 x W294 x H62	5
DLED2B12349A6	37	3800	103	4000	DALI	L1194 x W294 x H62	5

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	26W / 3170Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

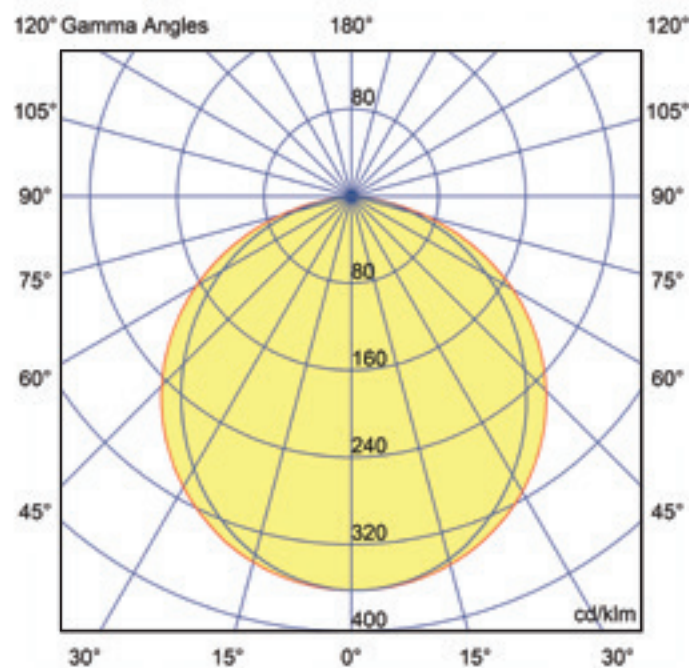
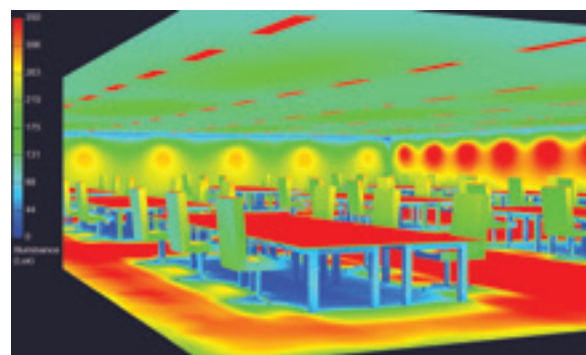
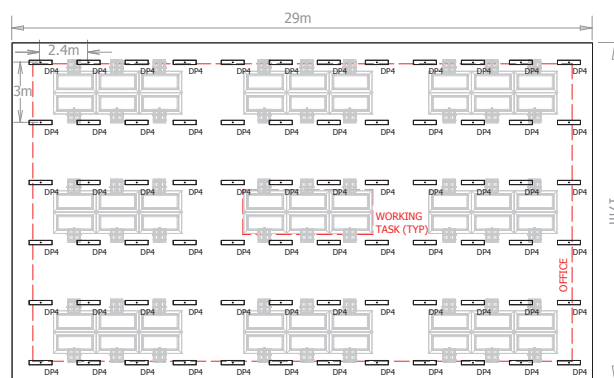
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.73	0.94
AVERAGE	430Lx	436Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	22	22

CRI	
R ^a	83.1
R _g	7

LPD	
AREA	493m ²
CEILING	2.7m
POWER	1864W
LPD	3.8W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >72,000	L90 >24,000



Polar Curve: DLED2B1234A3

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





DLED 100 PROFILE

The DLED 100 shares many of the features and functions of the DLED2 in a slim 100mm profile. Providing a nice clean light, perfect for corridors, pelmets and in and around the perimeter of spaces.

Photo includes optional plaster frame.

- Using the latest high efficacy and high-fidelity LEDs for low power consumption and superb colour rendering
- Comes with an acrylic opal diffuser for symmetric and comfortable lighting
- Stocked in standard sizes 1200mm and 600mm lengths for T-bar application



CRI 80
Colour
Rendering
Index



UGR 22
Unified Glare
Rating



SDCM
MacAdam
Step Ellipse



72,000hr
Lifetime



IP54
Ingress
Protection
Rating



DALI
Dimmable



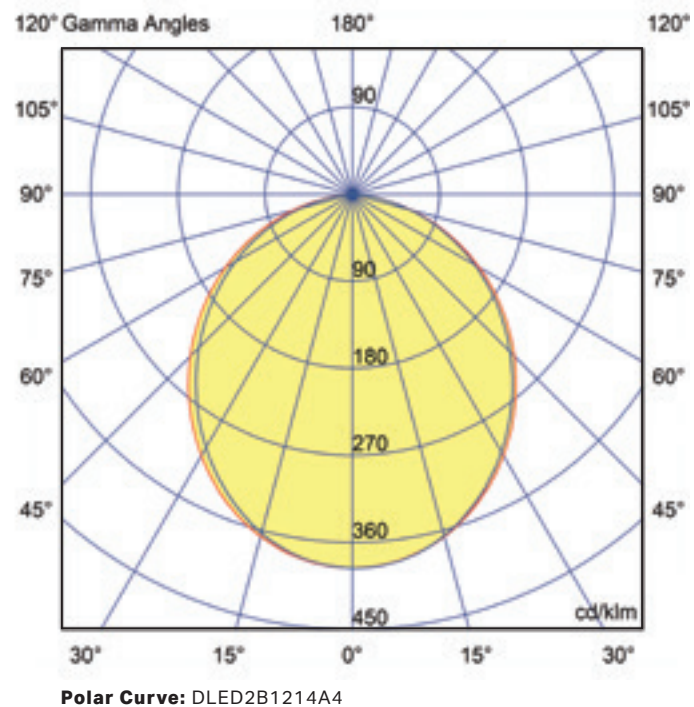
5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
DLED2B0614A2	19	1705	90	4000	DALI	L590 X W96 X H62	2
DLED2B0914A3	26	2435	94	4000	DALI	L890 X W96 X H62	3
DLED2B1214A3	26	2485	94	4000	DALI	L1190 X W96 X H62	4
DLED2B1214A4	29	2700	93	4000	DALI	L1190 X W96 X H62	4

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	22	22
CRI		
R ^a	83.1	
R _g	7	
LPD		
AREA	493m ²	
CEILING	2.7m	
POWER	2102W	
LPD	4.3W / m ²	
LUMEN MAINTENANCE		
TM21 REPORTED (HRS)		
L70 >72,000		L90 >24,000



NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





DLED TROFFER GEN3

The latest generation DLED is a low glare, high fidelity T-bar troffer with a remote, flicker free driver for superb visual comfort. The slim bezel has a 19% larger luminous area compared to its predecessors DLED2 and DLED9.

- The latest high efficacy and high-fidelity LEDs offer low power consumption, superb colour rendering and low glare illumination
- Complete with remote flicker free DALI/DSI and SwitchDIM drivers
- Cyanosis Compliant (COI: 2.237)



CRI 90
Colour Rendering Index



UGR 19
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP54
Ingress Protection Rating



DALI
Dimmable



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
DLED3B06349D2	14	1469	105	4000	DALI	L590 x W290 x H66	3
DLED3B06349D4	21	2167	103	4000	DALI	L590 x W290 x H66	3
DLED3B06349D6	25	2583	103	4000	DALI	L590 x W290 x H66	3
DLED3B06649D3	23	2533	110	4000	DALI	L590 x W590 x H66	5
DLED3B06649D4	27	2972	110	4000	DALI	L590 x W590 x H66	5
DLED3B06649D5	30	3275	109	4000	DALI	L590 x W590 x H66	5
DLED3B06649D6	32	3502	109	4000	DALI	L590 x W590 x H66	5
DLED3B06649D8	41	4435	108	4000	DALI	L590 x W590 x H66	5
DLED3B12349D3	24	2533	110	4000	DALI	L1190 x W290 x H66	5
DLED3B12349D4	28	2976	106	4000	DALI	L1190 x W290 x H66	5
DLED3B12349D5	31	3359	108	4000	DALI	L1190 x W290 x H66	5
DLED3B12349D6	33	3555	107	4000	DALI	L1190 x W290 x H66	5
DLED3B12349D8	43	4419	103	4000	DALI	L1190 x W290 x H66	5
DLED3B12649D7	47	5474	116	4000	DALI	L1190 x W590 x H66	10

NOTE : More options available at: <https://www.pierlite.com.au/products/interior/dled-g3-led-troffer>

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	24W / 2533Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

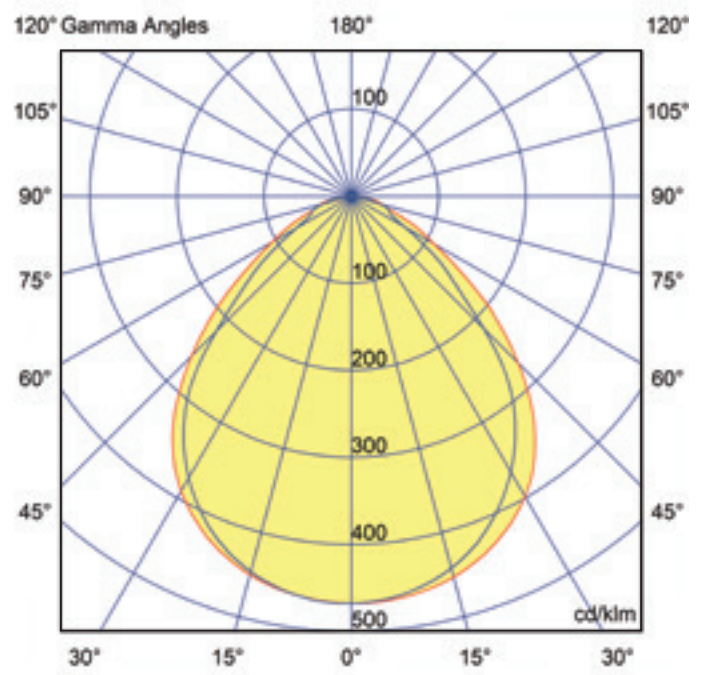
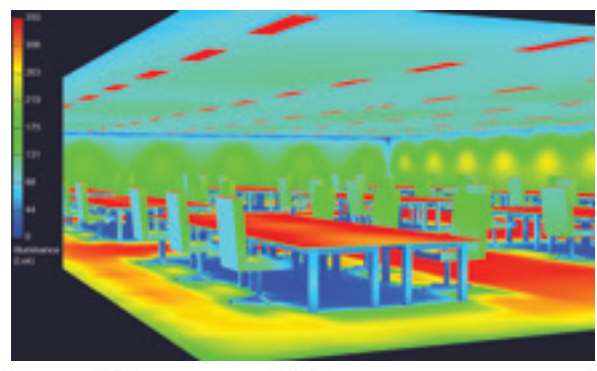
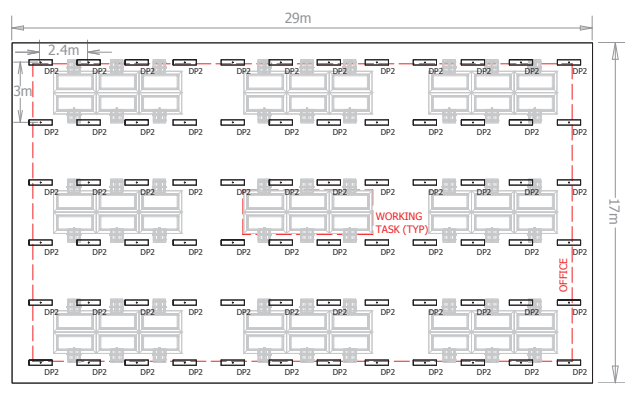
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.73	0.91
AVERAGE	349Lx	343Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	19	19

CRI	
R ^a	95
R _g	79

LPD	
AREA	493m ²
CEILING	2.7m
POWER	1677W
LPD	3.4W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >72,000	L90 >38,000



Polar Curve: DLED3B12349D3

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





DLED AIR TROFFER GEN3

The latest generation DLED with integrated air slots that offer a seamless lighting installation with HVAC (heating/ventilation/air conditioning) systems.

- Integrated return air slots with black baffles to inhibit seeing through the ceiling void
- The latest high efficacy and high-fidelity LEDs offering low power consumption, superb colour rendering and low glare illumination
- Complete with remote flicker free DALI/DSI and SwitchDIM drivers



CRI 90
Colour Rendering Index



UGR 19
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP20
Ingress Protection Rating



DALI
Dimmable



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
DLED3R06349D2	16	1586	99	4000	DALI	L590 x W290 x H64	3
DLED3R06349D4	21	2048	98	4000	DALI	L590 x W290 x H64	3
DLED3R06349D6	25	2459	98	4000	DALI	L590 x W290 x H64	3
DLED3R06649D3	22	2296	104	4000	DALI	L590 x W590 x H64	5
DLED3R06649D4	27	3086	114	4000	DALI	L590 x W590 x H64	5
DLED3R06649D6	31	3536	114	4000	DALI	L590 x W590 x H64	5
DLED3R06649D8	38	4253	112	4000	DALI	L590 x W590 x H64	5
DLED3R12349D3	23	2377	103	4000	DALI	L1190 x W290 x H64	5
DLED3R12349D4	28	2844	102	4000	DALI	L1190 x W290 x H64	5
DLED3R12349D6	32	3296	103	4000	DALI	L1190 x W290 x H64	5
DLED3R12349D8	38	3967	104	4000	DALI	L1190 x W290 x H64	5

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	28W / 2885Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

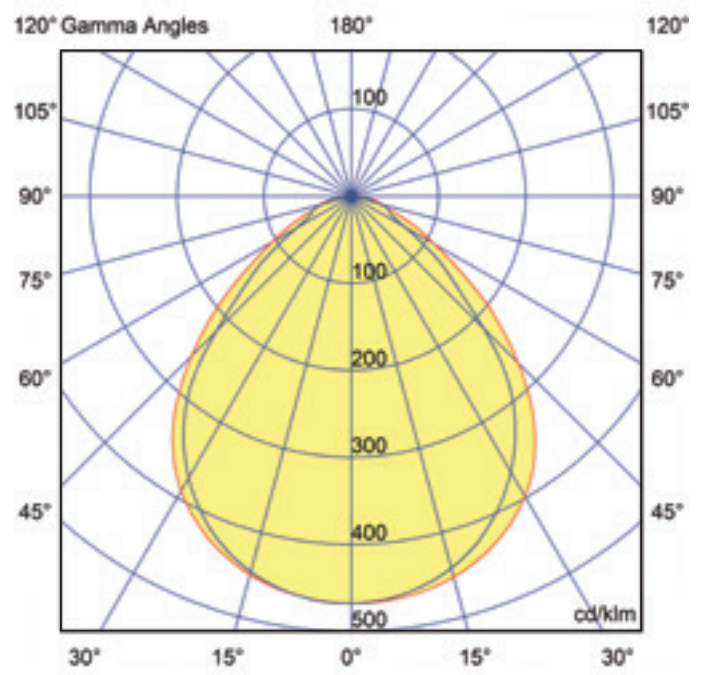
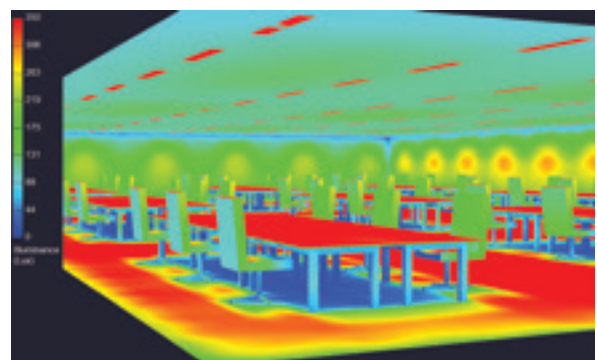
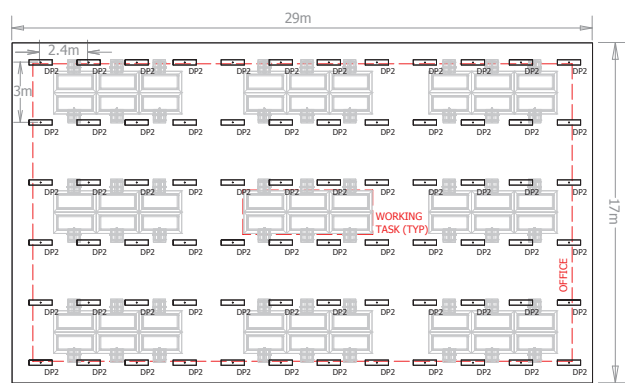
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.72	0.90
AVERAGE	399Lx	389Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	19	19

CRI	
R ^a	95
R _g	79

LPD	
AREA	493m ²
CEILING	2.7m
POWER	2016W
LPD	4.1W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >72,000	L90 >38,000



Polar Curve: DLED3R12349D4

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





NEVADO TROFFER

A blend of modern aesthetics and simplicity for the workplaces of today, the Nevado offers a clean white line of light and a well structured luminaire shape for even illumination and excellent glare control.

- Combination of opal and micro prismatic diffusers for low glare and visual comfort
- Structured bevelled reflectors for even light illumination
- Low profile body with a flicker free remote driver for easy installation in reduced ceiling spaces



CRI 80
Colour Rendering Index



UGR 19
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



54,000hr
Lifetime



IP20
Ingress Protection Rating



DALI
Dimmable



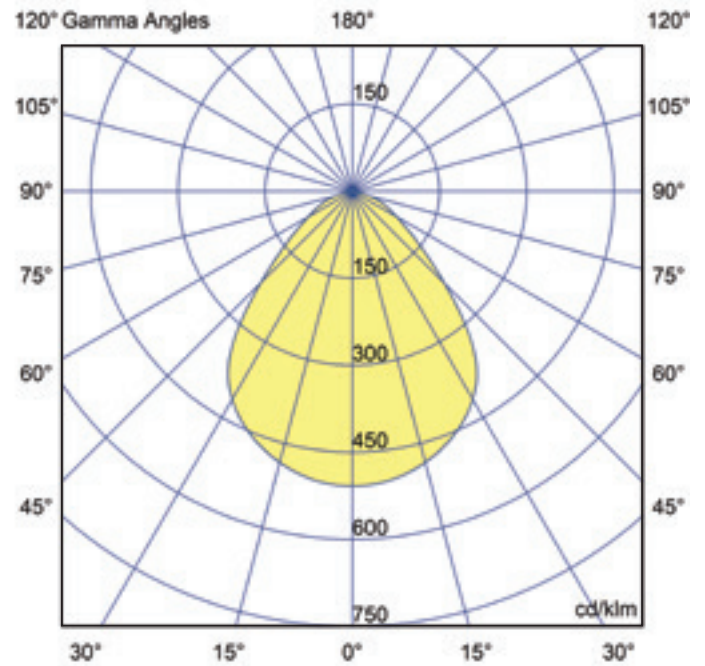
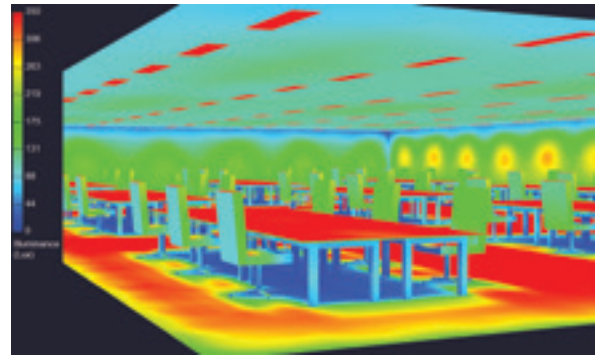
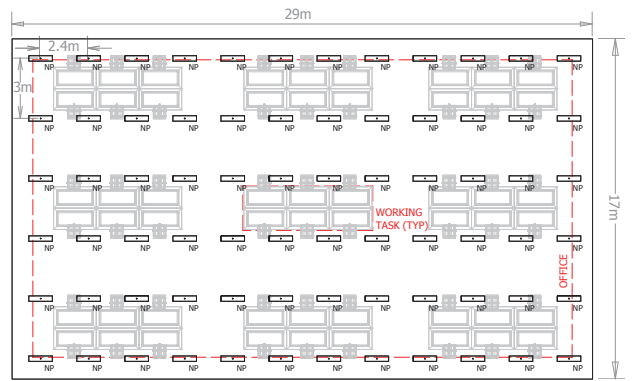
5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
NVDB0634D3	13	1500	110	4000	DALI	L590 x W290 x H80	3
NVDB0634F3	13	1500	110	4000	Non Dimmable	L590 x W290 x H80	3
NVDB1234D6	25	2800	110	4000	DALI	L1190 x W290 x H80	5
NVDB1234F6	25	2800	110	4000	Non Dimmable	L1190 x W290 x H80	5

OFFICE SPACE EXAMPLE		
CEILING HEIGHT	2.7m	
AREA	29m x 17m	
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3	
LUMINAIRE		
W / LM / CCT	25W / 2824Lm / 4000K	
SPACING	2400mm x 3000mm	
MOUNTING	Recessed	
MAINTENANCE FACTOR	0.85MF	
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.75	0.88
AVERAGE	390Lx	380Lx
UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	19	19
CRI		
R ^a	83	
R _g	7	
LPD		
AREA	493m ²	
CEILING	2.7m	
POWER	1839W	
LPD	3.7W / m ²	
LUMEN MAINTENANCE		
TM21 REPORTED (HRS)		
L70 >54,000	L90 >21,000	



Polar Curve: NVDB1234D6

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





ELYPSE TROFFER

The Elypse Troffer is ideal in delivering pleasant illumination for general purpose office areas. A highly efficient luminaire matched with design simplicity at exceptional value, that meets the highest standards of commercial premises of today.

- Combination of opal and micro prismatic diffusers for low glare and visual comfort
- Structured bevelled reflectors for even light illumination
- Low profile body with a flicker free remote driver for easy installation in reduced ceiling spaces



CRI 80
Colour Rendering Index



UGR 22
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP40
Ingress Protection Rating



DALI
Dimmable



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
ELEDB0634F2	15	1900	130	4000	Non Dimmable	L590 x W290 x H80	3
ELEDB0634F4	19	2550	130	4000	Non Dimmable	L590 x W290 x H80	3
ELEDB0634D2	15	1900	130	4000	DALI	L590 x W290 x H80	3
ELEDB0634D4	19	2550	130	4000	DALI	L590 x W290 x H80	3
ELEDB0664F4	23	3300	130	4000	Non Dimmable	L590 x W590 x H80	5
ELEDB0664F6	30	4300	130	4000	Non Dimmable	L590 x W590 x H80	5
ELEDB0664D4	23	3300	130	4000	DALI	L590 x W590 x H80	5
ELEDB0664D6	30	4300	130	4000	DALI	L590 x W590 x H80	5
ELEDB1234F4	23	3300	130	4000	Non Dimmable	L1190 x W290 x H80	5
ELEDB1234F6	30	4300	130	4000	Non Dimmable	L1190 x W290 x H80	5
ELEDB1234D4	23	3300	130	4000	DALI	L1190 x W290 x H80	5
ELEDB1234D6	30	4300	130	4000	DALI	L1190 x W290 x H80	5

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	23W / 3361Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

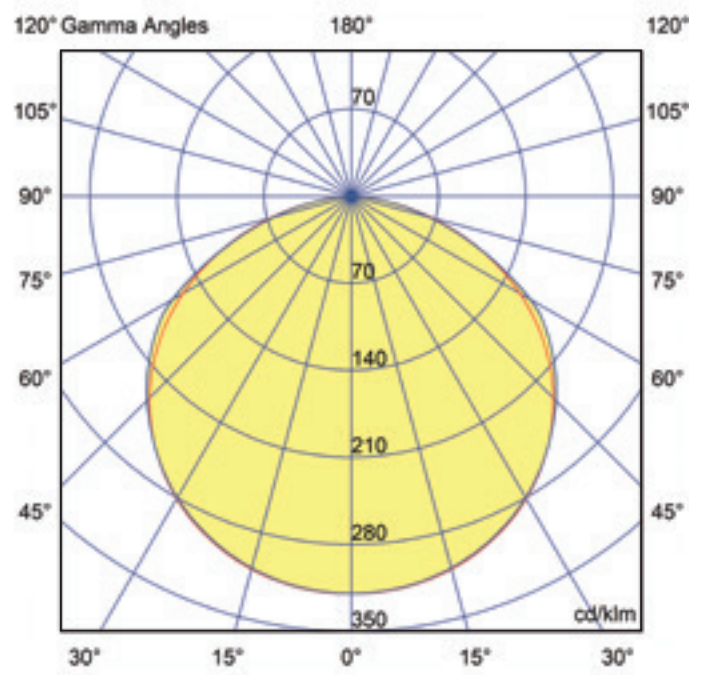
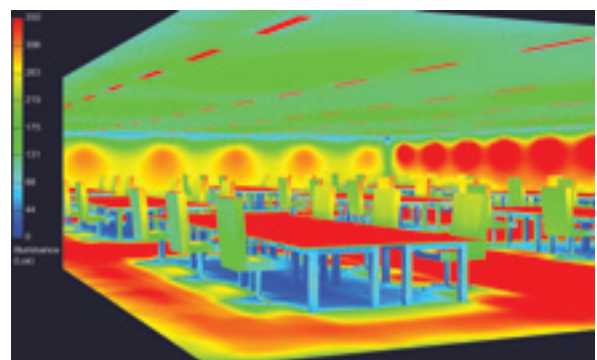
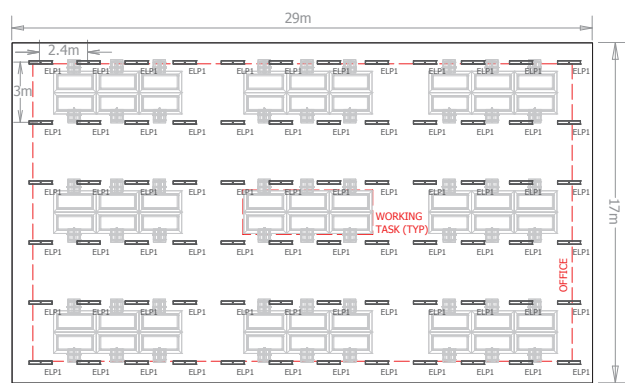
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.75	0.95
AVERAGE	451Lx	464Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	22	22

CRI	
R ^a	83
R _g	7

LPD	
AREA	493m ²
CEILING	2.7m
POWER	1634W
LPD	3.3W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >72,000	L90 >38,000



Polar Curve: ELED1234F4

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





ELYPSE AIR TROFFER

The Elypse Air Troffer is ideal in delivering pleasant illumination for general purpose office areas. The integrated air slots offer a seamless installation with HVAC (heating / ventilation / air conditioning) systems.

- Combination of opal and micro prismatic diffusers for low glare and visual comfort
- Structured bevelled reflectors for even light illumination
- Low profile body with a flicker free remote driver for easy installation in reduced ceiling spaces



CRI 90
Colour Rendering Index



UGR 19
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP20
Ingress Protection Rating



DALI
Dimmable



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
ELEDR06349D2	14	1400	100	4000	DALI	L590 x W290 x H80	3
ELEDR06349D4	18	1800	100	4000	DALI	L590 x W290 x H80	3
ELEDR06349D6	20	2000	100	4000	DALI	L590 x W290 x H80	3
ELEDR12349D3	22	2300	105	4000	DALI	L1190 x W290 x H80	5
ELEDR12349D4	26	2700	105	4000	DALI	L1190 x W290 x H80	5
ELEDR12349D6	28	2900	105	4000	DALI	L1190 x W290 x H80	5
ELEDR12349D8	35	3600	105	4000	DALI	L1190 x W290 x H80	5
ELEDR12349D9	42	4200	100	4000	DALI	L1190 x W290 x H80	5

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	28W / 2876Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

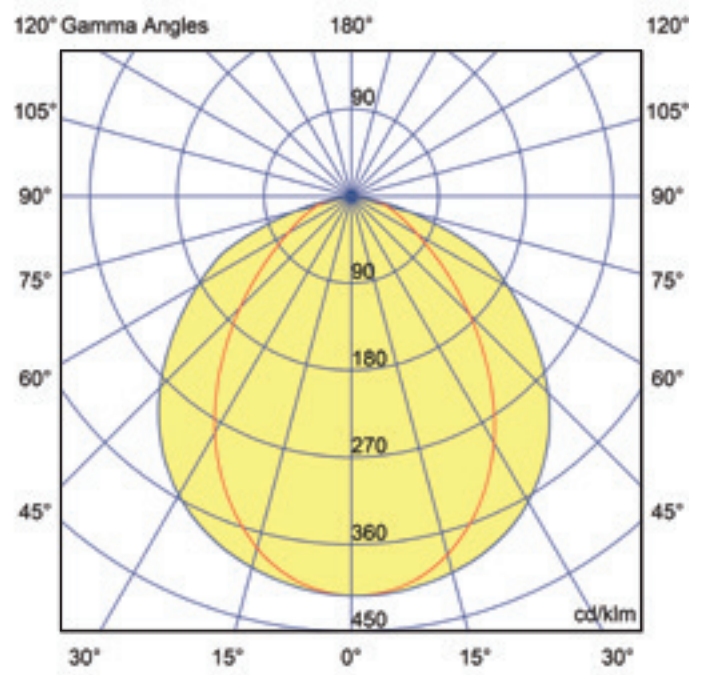
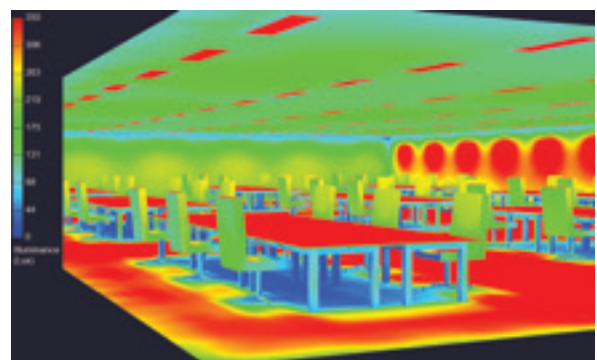
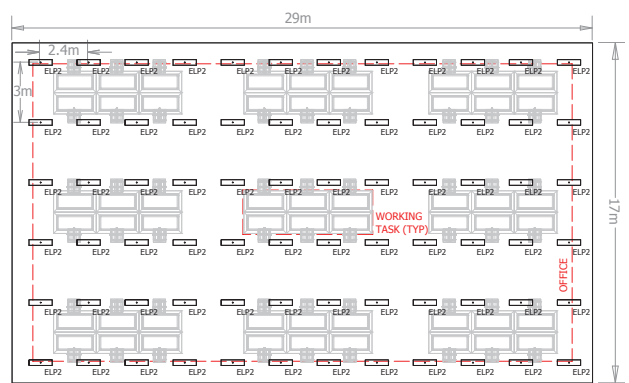
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.77	0.95
AVERAGE	459Lx	469Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	19	19

CRI	
R ^a	95
R _g	78

LPD	
AREA	493m ²
CEILING	2.7m
POWER	1994W
LPD	4.0W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >72,000	L90 >38,000



Polar Curve: ELEDR12349D6

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





FUTCHA TROFFER GEN2

A classic style that delivers high efficiency, uniform light, and low glare control. The Futcha is a premium commercial luminaire designed for maximum performance and comfort.

- Combination of high efficiency and micr5 louvered precision optics for uniform low glare illumination
- Low power consumption and superb colour rendering
- Available with integrated return air slots, with black baffles to inhibit seeing through the ceiling void



CRI 90
Colour Rendering Index



UGR 19
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP20
Minimum Ingress Protection Rating



DALI
Dimmable



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
STANDARD							
FLED2B06349D2	14	1469	105	4000	DALI	L590 x W290 x H56	3
FLED2B06349D6	19	1806	95	4000	DALI	L590 x W290 x H56	3
FLED2B06349D2	24	2281	95	4000	DALI	L590 x W290 x H56	3
FLED2B12349D3	21	2319	110	4000	DALI	L1190 x W290 x H56	5
FLED2B12349D4	24	2549	106	4000	DALI	L1190 x W290 x H56	5
FLED2B12349D5	28	3012	108	4000	DALI	L1190 x W290 x H56	5
FLED2B12349D6	30	3213	107	4000	DALI	L1190 x W290 x H56	5
FLED2B12349D8	37	3811	103	4000	DALI	L1190 x W290 x H56	5
RETURN AIR SLOTS							
FLED2R06349D2	14	1469	105	4000	DALI	L590 x W290 x H56	3
FLED2R06349D6	19	1806	95	4000	DALI	L590 x W290 x H56	3
FLED2R06349D2	24	2281	95	4000	DALI	L590 x W290 x H56	3
FLED2R12349D3	21	2319	110	4000	DALI	L1190 x W290 x H56	5
FLED2R12349D4	24	2549	106	4000	DALI	L1190 x W290 x H56	5
FLED2R12349D5	28	3012	108	4000	DALI	L1190 x W290 x H56	5
FLED2R12349D6	30	3213	107	4000	DALI	L1190 x W290 x H56	5
FLED2R12349D8	37	3811	103	4000	DALI	L1190 x W290 x H56	5

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	24W / 2549Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

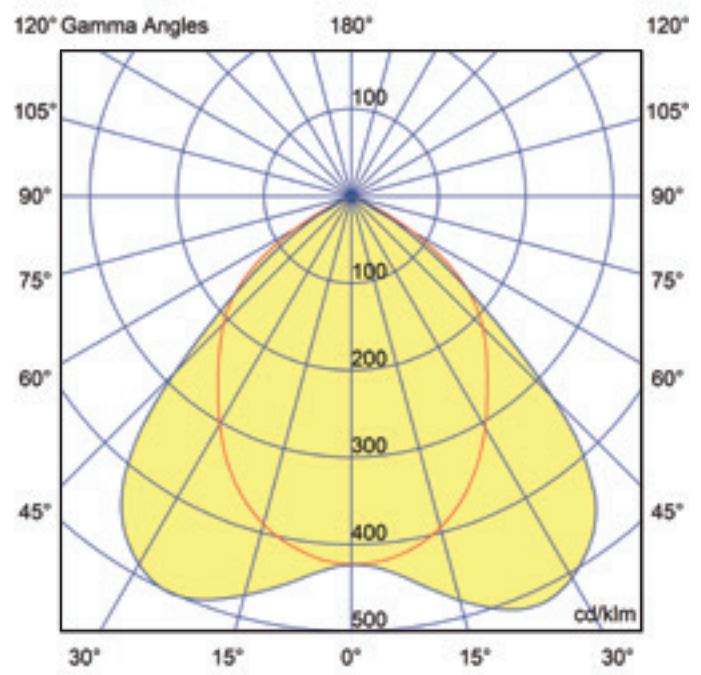
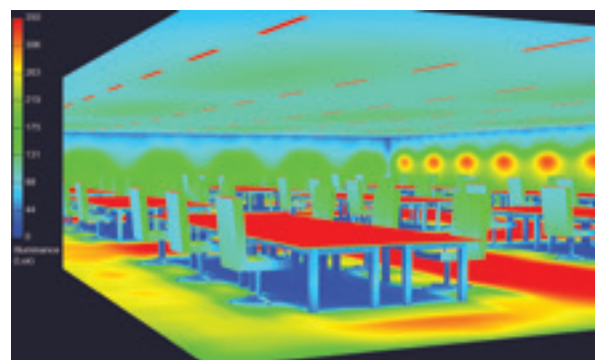
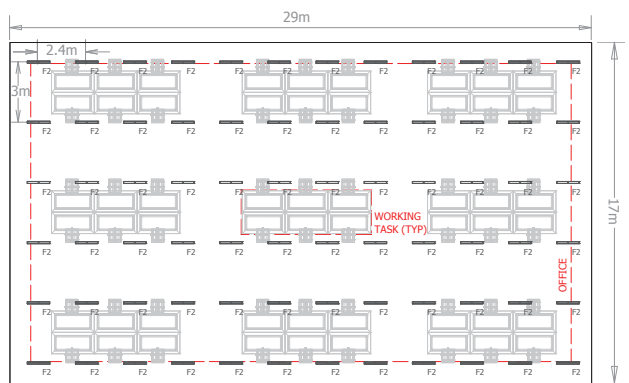
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.78	0.92
AVERAGE	359Lx	380Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	19	19

CRI	
R ^a	95
R _g	76

LPD	
AREA	493m ²
CEILING	2.7m
POWER	1699W
LPD	3.4W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >72,000	L90 >38,000



Polar Curve: FLED2B12349D4

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +-15%.





AMBIENZ LOUVRE TROFFER

Offering a high performing, pleasant working environment, the Ambienz Louvre Troffer has a curved steel body that is softly back-lit reducing the cavern effect often associated with cut off louvered luminaires. Ideal for offices with low UGR requirements, and professional applications such as hospitals, where a softer light is required.

- The Ambienz family is also available in diffused options to suit various applications in 1200mm and 600mm lengths
- Remote flicker free drivers with DALI and analogue dimming options
- Outstanding uniformity through its photometric distribution



CRI 90
Colour Rendering Index



UGR 19
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP40
Ingress Protection Rating



DALI
Dimmable



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
A-LED2/L06349U1	16	1700	106	4000	DALI	L590 x W290 x H89	4
A-LED2/L06349U2	22	2400	109	4000	DALI	L590 x W290 x H89	4
A-LED2/L12349U1	31	3300	106	4000	DALI	L1190 x W290 x H89	6
A-LED2/L12349U2	40	4100	103	4000	DALI	L1190 x W290 x H89	6

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	31W / 3273Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

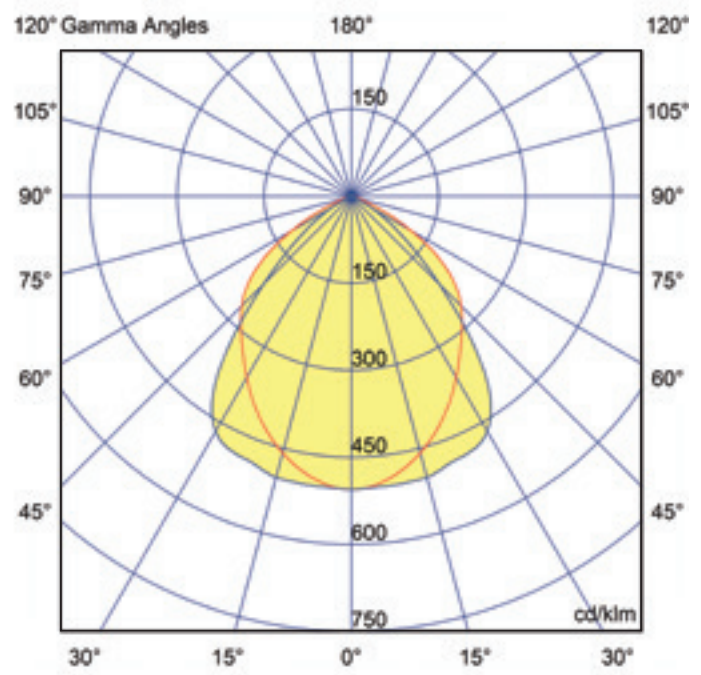
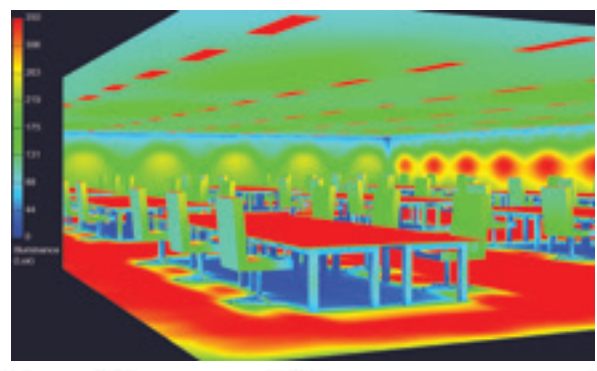
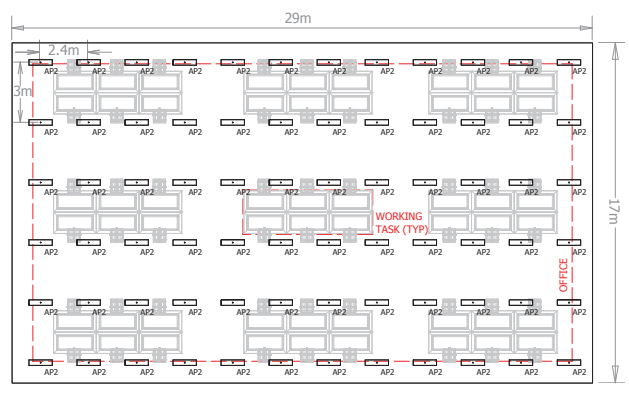
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.78	0.94
AVERAGE	460Lx	462Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	19	19

CRI	
R ^a	94
R _g	64

LPD	
AREA	493m ²
CEILING	2.7m
POWER	2224W
LPD	4.5W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >72,000	L90 >38,000



NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +15%.





OCULED TROFFER

The future of contemporary office and workplace lighting design, OcuLED has an ultra-shallow profile with a combination of centre louvre modules and edge lit side panels that produce high contrast and guarantee low glare illumination.



- Ultra-low profile, less than the height of the ceiling grid
- The central LED chamber is made from extruded aluminium to manage thermal load effectively
- Direct lighting from the central chamber provides the main light source
- Flicker free remote LED drivers in fixed output and DALI



CRI 90
Colour Rendering Index



UGR 16
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP20
Ingress Protection Rating



DALI
Dimmable



5 Year
Warranty



1.2m
Flex & Plug

PRODUCT CODE	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
OCLB06349D3	13	1300	100	4000	DALI	L590 X W290 X H50	3
OCLB06349F3	13	1300	100	4000	Non Dimmable	L590 X W290 X H50	3
OCLB12349D6	27	2800	104	4000	DALI	L1190 X W290 X H50	5
OCLB12349F6	27	2800	104	4000	Non Dimmable	L1190 X W290 X H50	5

OFFICE SPACE EXAMPLE	
CEILING HEIGHT	2.7m
AREA	29m x 17m
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3

LUMINAIRE	
W / LM / CCT	27W / 2697Lm / 4000K
SPACING	2400mm x 3000mm
MOUNTING	Recessed
MAINTENANCE FACTOR	0.85MF

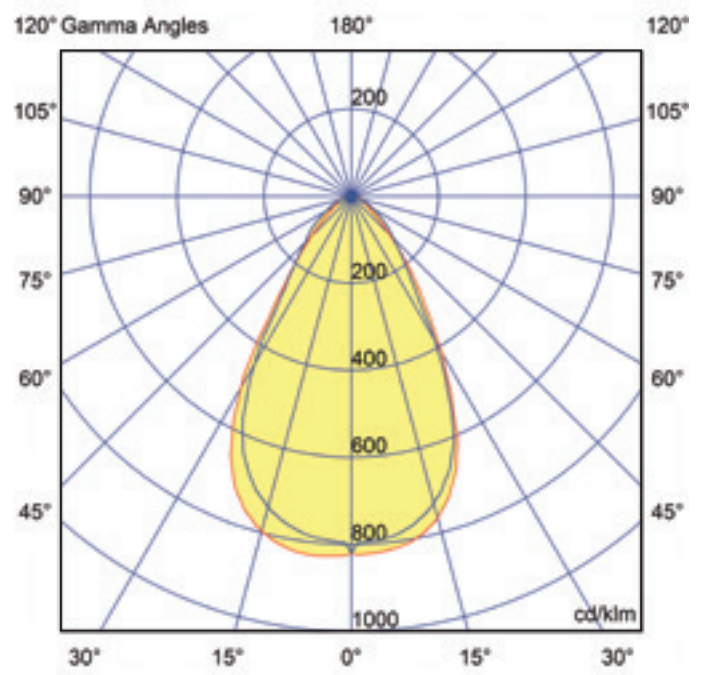
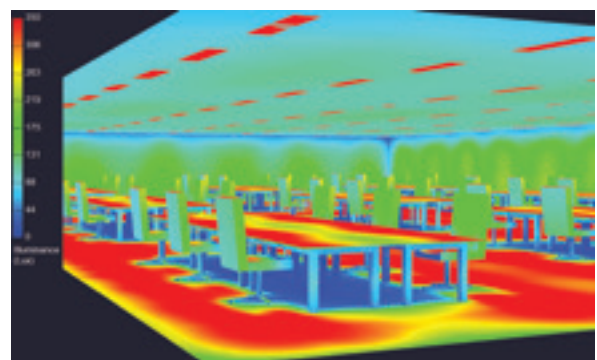
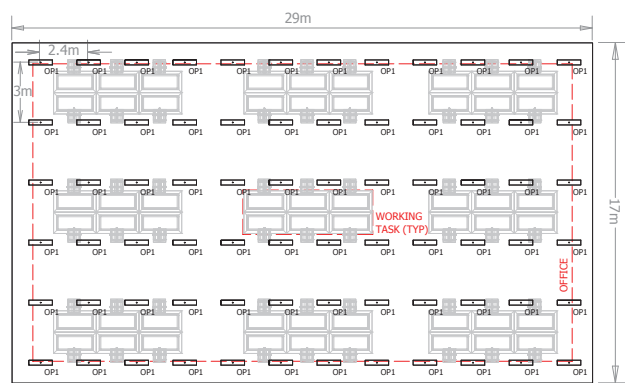
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.68	0.69
AVERAGE	384Lx	332Lx

UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	16	16

CRI	
R ^a	93
R _g	70

LPD	
AREA	493m ²
CEILING	2.7m
POWER	1954W
LPD	4.0W / m ²

LUMEN MAINTENANCE	
TM21 REPORTED (HRS)	
L70 >72,000	L90 >38,000



Polar Curve: OCLB12349D6

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





MOMENTUM 1 MODULAR TROFFER

Momentum 1 is a sustainability compliant, fully configurable modular troffer that offers design flexibility, short lead times and outstanding performance. The aesthetic style is harmonious to the Pierlite award winning troffer, GenLED One. The design with side-lit panels and central optics integrate seamlessly into the modern workplaces of today.

- Balance of style and performance, targeted for Green Star and WELL rated offices and buildings
- Excellent performance and light distribution to achieve UGR16 in open office layouts
- Superb style and structure from a single piece of steel housing, central optics and separately lit diffused panels



CRI 90
Colour Rendering Index



UGR 16
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



72,000hr
Lifetime



IP20
Ingress Protection Rating



DALI
Dimmable



IC-4
Insulation Contact Rating



5 Year
Warranty

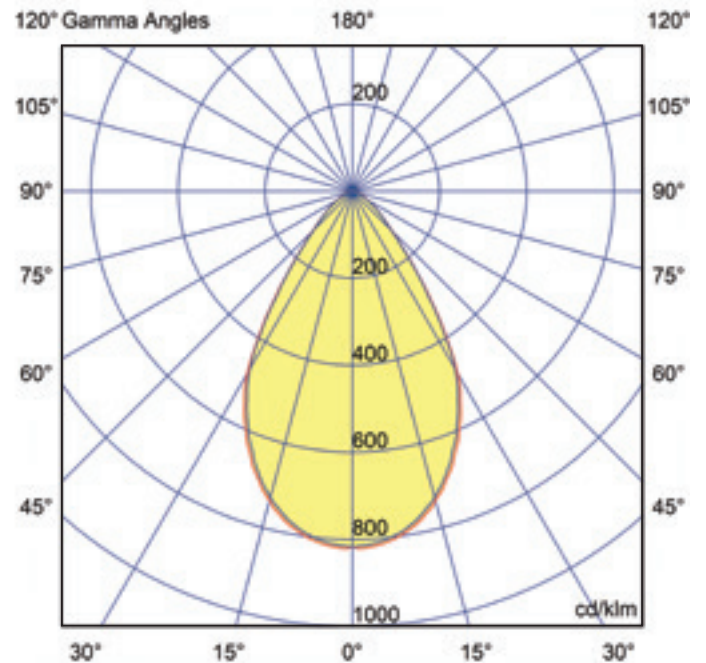
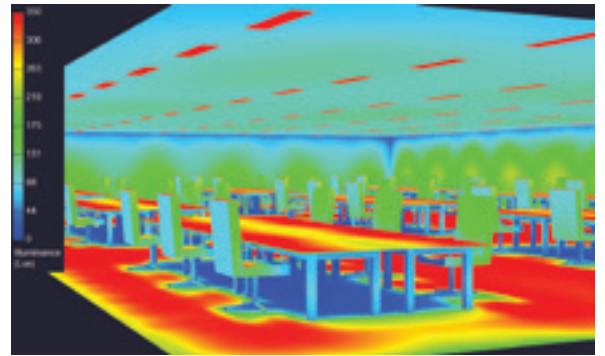
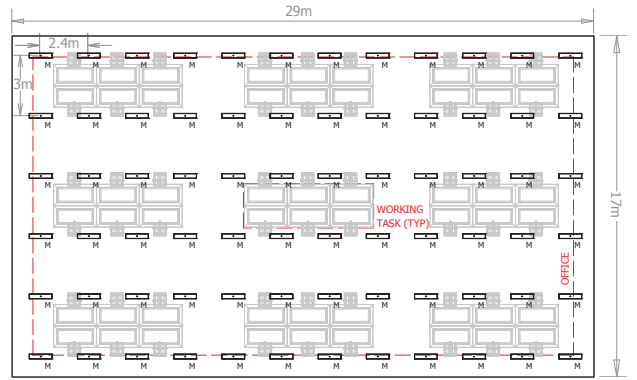


1.2m
Flex & Plug

PRODUCT CODE	SIDE LIGHT	WATTAGE (W)	LUMENS (LM)	EFFICACY (LM/W)	CCT (K)	DIMMING	DIMENSIONS (MM)	WEIGHT (KG)
MTM1TNSB063000005_8K	No	14	1493	110	4000	DALI	L590 x W290 x H65	3
MTM1TSB063000010_6K	Yes	15	1518	104	4000	DALI	L590 x W290 x H65	3
MTM1TNSB066000011_10K	No	27	2987	110	4000	DALI	L590 x W590 x H65	4
MTM1TNSB066000336_15K	No	42	4096	98	2700-6500	DALI DT8	L590 x W590 x H65	4
MTM1TNSB123000004_8K	No	24	2584	109	4000	DALI	L1190 x W290 x H65	4
MTM1TNSB123000004_10K	No	27	2987	110	4000	DALI	L1190 x W290 x H65	4
MTM1TSB123000006_19K	Yes	24	2584	109	4000	DALI	L1190 x W290 x H65	5
MTM1TSB123000006_20K	Yes	26	2987	106	4000	DALI	L1190 x W290 x H65	5
MTM1TSB123000376_8K	Yes	36	3679	102	2700-6500	DALI DT8	L1190 x W290 x H65	5
MTM1TSB153000361_5K	Yes	28	3012	108	4000	DALI	L1490 x W290 x H65	7

NOTE: Other dimming options available include: 1-10V, Phase-cut, Switch DIM and Casambi

OFFICE SPACE EXAMPLE		
CEILING HEIGHT	2.7m	
AREA	29m x 17m	
REFLECTANCE CEILING / WALL / ROOF	0.7 / 0.5 / 0.3	
LUMINAIRE		
W / LM / CCT	24W / 2584Lm / 4000K	
SPACING	2400mm x 3000mm	
MOUNTING	Recessed	
MAINTENANCE FACTOR	0.85MF	
LUX LEVEL		
OFFICE	WORK	TASK
GRID HEIGHT	0.7m	0.7m
UNIFORMITY (MIN / AVG)	0.70	0.76
AVERAGE	367Lx	326Lx
UGR		
	UGR1	UGR2
GRID HEIGHT	1.2m	1.2m
MAX	16	16
CRI		
R ^a	94	
R _g	72	
LPD		
AREA	493m ²	
CEILING	2.7m	
POWER	1710W	
LPD	3.5W / m ²	
LUMEN MAINTENANCE		
TM21 REPORTED (HRS)		
L70 >72,000	L90 >38,000	



Polar Curve: MTM1TSB123000006_19K

NOTE : This scheme is subject to the normal accuracies and tolerances of lighting schemes as described within AS 3827. For the purpose of this design these have been assessed to be +/-15%.





AETHER LED TROFFER

Aether combines two proven and powerful methods of cleansing the air.

UV-C technology in a contained chamber pro-actively inactivates pathogens as the air passes through the fitting.

An in-built HEPA filter scrubs the air by filtering the inactivated viruses and particulate, pushing cleaner, safer air back into the environment.

The resulting air is cleansed of 99.995% of airborne pathogens such as COVID-19 and influenza. Cleaner air means safer spaces, and reduced impact from infection.



CRI 90
Colour Rendering Index



UGR 19
Unified Glare Rating



3SDCM
MacAdam Step Ellipse



50,000hr
Lifetime



IP20
Ingress Protection Rating



DALI
Dimmable



IC-4
Insulation Contact Rating



5 Year
Warranty



1.2m
Flex & Plug

- Concealed UVC LED air disinfection chamber integrated into a 1190mm x 290mm LED troffer with no direct UVC radiation exposure to the room environment
- Efficient low glare 4K troffer that drops seamlessly into existing lighting layouts
- Cyanosis compliant to AS/NZS1680.2.5 for general health care applications
- Engineered to fit into the space of a standard troffer with plug and play in most T-bar ceilings, making it ideal for retrofit or new construction
- Standard recessed with optional surface mount, or suspended ceiling application

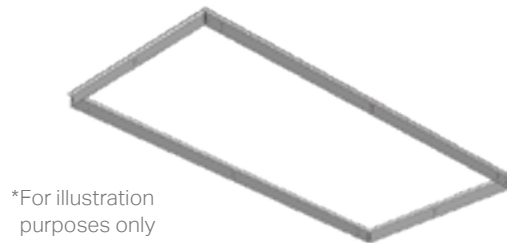
PRODUCT CODE	DESCRIPTION
AETUVC12349D	Aether LED Troffer with UVC LED and HEPA filter
AETHEPA	Aether H13 Germagic HEPA filter
AETUVCLED	Aether UVC LED Module
AETUVCUSFKIT	Aether Surface Mount Kit
	Suspension Kit available on request

TROFFER ACCESSORIES

PLASTER MASTER RECESSED FRAMES

- Ideal for use with t-bar fittings in plaster type ceiling installations
- Constructed with zinc phosphate steel for durability, with a white, corrosion resistant, powder coated finish
- Available to fit standard troffer sizes and supplied with brackets and screws for ease of installation

PRODUCT CODE	DESCRIPTION
FRM/PM18W	600 x 300 White
FRM/PM18WIDE	600 x 600 White
FRM/PM36W	1200 x 300 White
FRM/PM36WIDE	1200 x 600 White



SURFACE MOUNT FRAMES AND SUSPENSION KITS

- Suitable for surface mount or suspension
- Constructed with zinc phosphate steel for durability
- Non discolouring, corrosion resistant powder coated finish

Suitable for Eco Panel Gen2, Slender Panel Gen2, Slender Academy Panel:

PRODUCT CODE	DESCRIPTION
UDFRM/6-3	Universal Deep Frame 600 x 300 x 70
UDFRM/6-6	Universal Deep Frame 600 x 600 x 70
UDFRM/12-3	Universal Deep Frame 1200 x 300 x 70
UDFRM/12-6	Universal Deep Frame 1200 x 600 x 70
ECOPLWIREKITG2H	Suspension Kit 1M Y-Shape Wire 2 Brackets (2 per fitting required)
WIRESUSP/SLA	Slender Academy Wire Suspension Kit (includes 2 sets for 1 panel)



Suitable for DLED2 Troffer, DLED Troffer Gen3 and FutchA Gen2 Troffer:

PRODUCT CODE	DESCRIPTION
SURFM-6-3-90	Surface Mount 600 x 300 90mm height
SURFM-6-6-90	Surface Mount 600 x 600 90mm height
SURFM-12-3-90	Surface Mount 1200 x 300 90mm height
ECOPLWIREKITG2H	Suspension Kit 1M Y-Shape Wire 2 Brackets (2 per fitting required)

DESIGN ON DEMAND

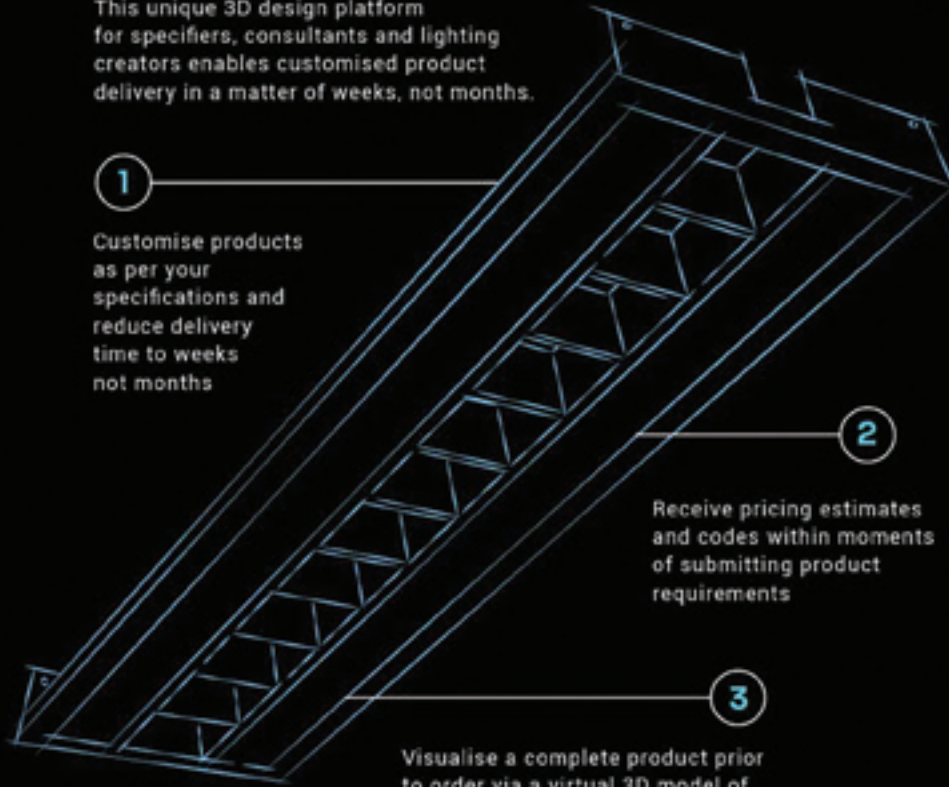
Composer

This unique 3D design platform for specifiers, consultants and lighting creators enables customised product delivery in a matter of weeks, not months.

1
Customise products as per your specifications and reduce delivery time to weeks not months

2
Receive pricing estimates and codes within moments of submitting product requirements

3
Visualise a complete product prior to order via a virtual 3D model of the configured solution.



Pierlite's unique 3D design platform for specifiers, consultants and lighting creators enables customised product delivery in a matter of weeks, not months.

With the ability to define your design and performance specification the possibilities are endless.



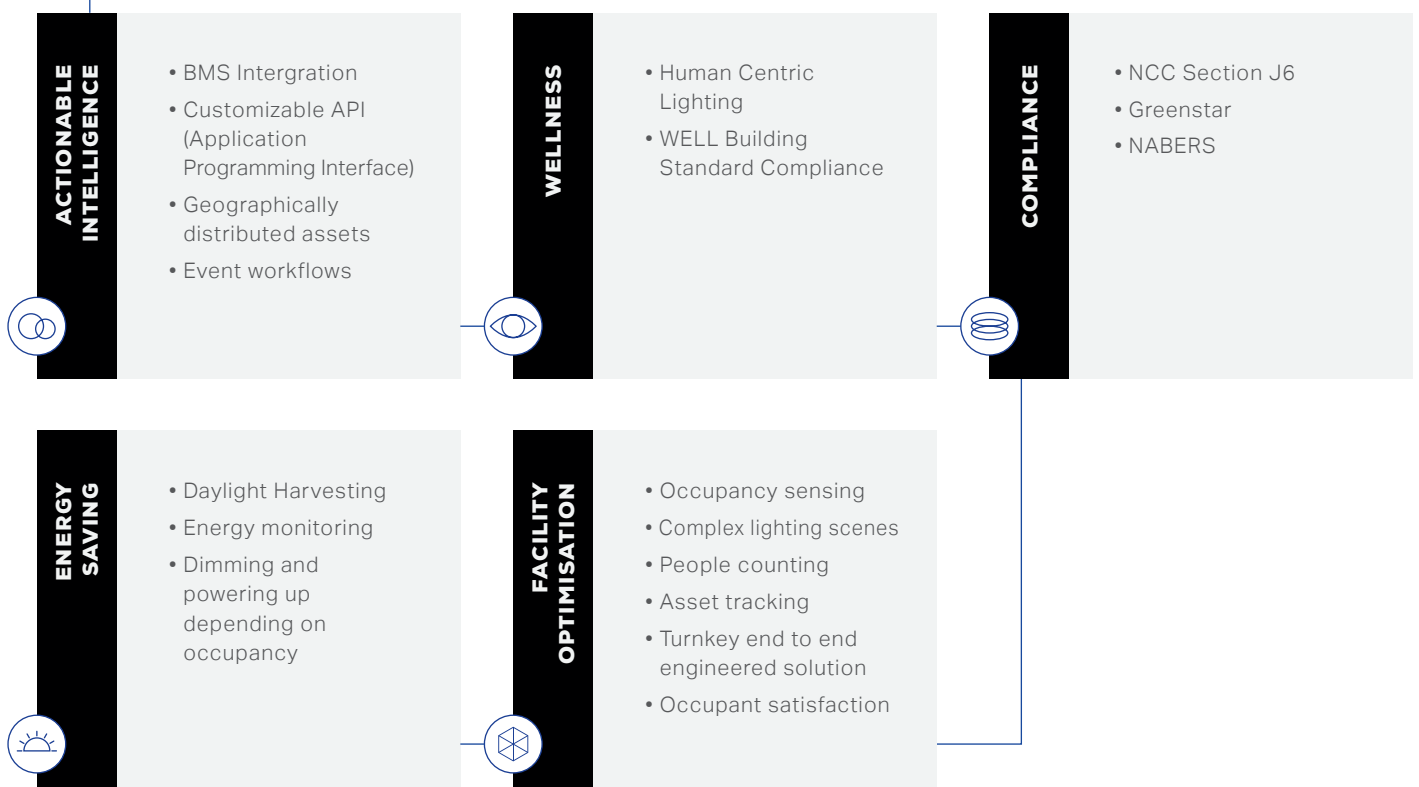
UNLOCK THE VALUE OF SMART BUILDINGS



As the demand for buildings that make their occupants healthier, happier and more productive increase, so too do the targets for wellness and sustainability criteria, including the WELL building standard, Nabers, Greenstar and NCC J6.

With a combination of best-in-class luminaires, smart sensors and world-leading Internet of Things (IoT) technology providers, Pierlite Connect's new generation of smart building solutions delivers greater control and advanced data analytics.

Using these data insights, customers are able to optimise their building environments through increased safety and wellbeing benefits and decreased energy costs.



NEW SOUTH WALES NATIONAL HEAD OFFICE

Phone: 1300 799 300 | Fax: 1300 789 300
96-112 Gow Street, Padstow NSW 2211
Postal Address: PO BOX 314 Padstow NSW 2211

QUEENSLAND

Phone: 1300 799 300 | Fax: 1300 789 300
54 Berwick Street, Fortitude Valley QLD 4006
Postal Address: PO Box 500 Fortitude Valley QLD 4006

VICTORIA / TASMANIA

Phone: 1300 799 300 | Fax: 1300 789 300
Unit 2, 20 Sabre Drive, Port Melbourne Vic 3207

SOUTH AUSTRALIA / NORTHERN TERRITORY

Phone: 1300 799 300 | Fax: 1300 789 300
Level 2, 191 Fullarton Rd, Dulwich SA 5065

WESTERN AUSTRALIA

Phone: 1300 799 300 | Fax: 1300 789 300
77 Truganina Road, Malaga WA 6090
Postal Address: PO Box 2046 Malaga, WA 6944



October 2022

1300 799 300 | PIERLITE.COM.AU

Pierlite is a registered trademark of Signify Innovations Australia Pty Ltd ©Copyright Pierlite 2022. Signify Innovations Australia Pty Ltd and all directly related legal entities reserve the right to alter the specifications, designs or other features of any items herein and to discontinue any items at any time without notice and without liability. Pierlite does not promise or warrant that the use of Aether UV-C Troffer will cure, mitigate, protect, or prevent any user from infection with any harmful micro-organisms, illness or disease. The Aether UV-C Troffer is an excluded good under item 12 of Schedule 1 of the Therapeutic Goods Australia (Excluded Goods) Determination 2018. This product is not intended for disinfecting medical devices. To the greatest extent permitted by law, Pierlite is not responsible for any claim or damage that may arise from or relate to any use of the Aether UV-C Troffer outside of its intended use or contrary to their installation and operation instructions.