PIERLITE®

LIGHTING THE WAY TO A BRIGHT FUTURE

FAST MOVER CATALOGUE

2023 EDITION

CONTENTS

PIERLITE®

RECESSED MODULE

ECO PANEL
P8

SLENDER ACADEMY
P9

BATTEN

ECO BATTEN
P10

NIPPER
P11

STREAMLINE
P12

WEATHERPROOF BATTEN

BWP ECO
P13

DOWNLIGHT

LITELUX
P14

PIERLUX PLUS
P15

CONTENTS

PIERLITE

TRACKLIGHT

CILINDRO
P17

INTERIOR WALL & CEILING

ORION
P18

SLIMLINE
P19

EXTERIOR WALL & CEILING

TABLET DIRECT WALL LIGHT
P20

TABLET DIRECT & INDIRECT WALL LIGHT
P21

POLO
P22

GIOTTO
P23

WALL PACK LIGHT
P24

DECO
P25

CONTENTS

PIERLITE

HIGHBAY

PIERLUX ECO 1-10V HIGHBAY
P26

PIERLUX ECO HIGHBAY
P28

LOWBAY

STELLAR
P30

STELLAR RETRO FIT KIT
P31

CANOPY LIGHT
P32

C350
P33

FLOODLIGHT

HORNET
P34

SHADOW ECO 15-50W
P35

SHADOW ECO 100-200W
P36

MAXI MASTER
P37

AREA LIGHT

EDGE
P38

DOMAIN
P39

CONTENTS

PIERLITE

BOLLARD

START
P41

EXIT LIGHT

STINGRAY
P42

BLADE
P43

WEATHERLUX CEILING
P44

WEATHERLUX WALL
P45

EMERGENCY LUMINAIRE

FIREFLY
P46

GUARDIAN
P47

EMERGENCY CONVERSION KIT
P49

ECO BATTEN EMERGENCY
P50

BWP ECO EMERGENCY
P51

POLO EMERGENCY
P52

DECO EMERGENCY
P53

CONTENTS

PIERLITE

LIGHTING CONTROL

LEDSMART
P54

LEDSMART PLUS
P55

DALI WALL PLATE
P56

HIGHBAY SENSOR
P57

FOR TECHNICAL INFORMATION PLEASE SEE PAGE 58-61.

PIERLITE® LED

RECESSED | IP40

COLOUR SELECT

ECO PANEL GEN2

PRODUCT DETAILS

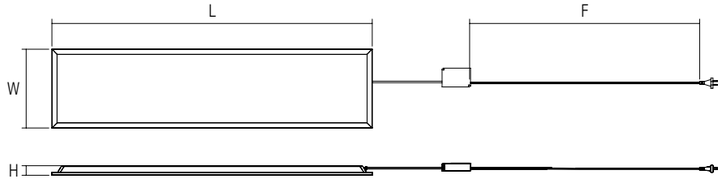
Size: 600x600mm, 1200x300mm, 1200x600mm
Rated life: L70 B50 50000hrs
LED: Colour Select 4000K/5000K/6500K, CRI80, 6SDCM
Beam angle: Symmetrical, 110°
Driver: Remote, Non dimmable
Rating: IP40 from below/IP20 from above, Class II
Operating temperature: 0°C to +40°C
Housing: Aluminium trim, Steel back plate
Finishing: White RAL9016, Powder coated
Diffuser/Lens: Polystyrene (PS), Frosted,
Connection: 1.2m Flex & Plug
Accessory: Complete with restraint bracket kit
Warranty*: 5 year

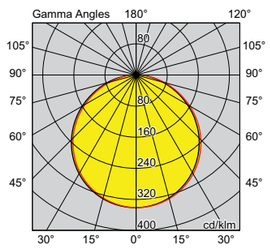
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Dimming, Emergency, Surface mounted frame, Recessed frame

APPLICATIONS

Recessed (grid ceiling), Internal
Offices, Schools, Foyers, Waiting-rooms, Shopping centres, Commercial, Retail





VERSION	L (MM)	W (MM)	H (MM)	F (MM)
ECOPL066CSEG2	595	595	31	1200
ECOPL123CSEG2	1195	295	31	1200
ECOPL126CSEG2	1195	595	33	1200

CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
ECOPL066CSEG2	ECO PANEL 600X600 27W 4/5/65K @ 4K	27W	2800LM	104LM/W	1.93KG
ECOPL123CSEG2	ECO PANEL 1200X300 28W 4/5/65K @ 4K	28W	2800LM	100LM/W	2.00KG
ECOPL126CSEG2	ECO PANEL 1200X600 49W 4/5/65K @ 4K	49W	5000LM	102LM/W	4.34KG

*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

PIERLITE® LED

RECESSED | IP40 | DIMMABLE | DALI

LUMEN SELECT™

SLENDER ACADEMY PANEL

PRODUCT DETAILS

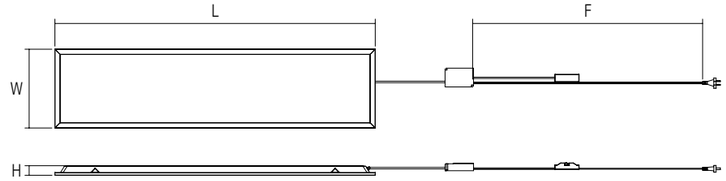
Size: 600x300mm, 600x600mm, 1200x300mm, 1200x600mm
Rated life: L70 B50 54000hrs
LED: 4000K, CRI90 (R9≥60), 3SDCM
Beam angle: Symmetrical, 90°
Glare control: UGR19 design
Driver: Remote, Lumen Select, DALI dimming, Flicker free design
Rating: IP40, Class II
Operating temperature: 0°C to +40°C
Housing: Aluminium trim, Steel back plate
Finishing: White RAL9003, Powder coated
Diffuser/Lens: Polystyrene (PS), Frosted, Prismatic
Connection: 1.2m Flex & Plug, 0.4m DALI quick connect
Accessory: Complete with restraint/suspension hooks, Optional wire suspension kit
Warranty*: 5 year

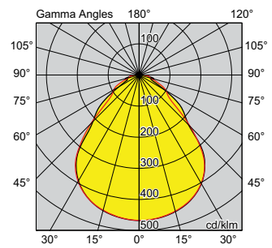
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

1-10V dimming, Emergency, Surface mounted frame, Recessed frame

APPLICATIONS

Recessed (grid ceiling), Internal
Schools, Offices, Waiting-rooms, Commercial interiors





VERSION	L (MM)	W (MM)	H (MM)	F (MM)
SLA06349K19D1	594	294	36	1200
SLA06649K19D2	594	594	36	1200
SLA12349K19D2	1194	294	36	1200
SLA12649K19D3	1194	594	36	1200

CODE	DESCRIPTION	POWER~	LUMENS*	EFFICACY	WEIGHT
SLA06349K19D1	SLENDER ACADEMY 600X300 11/17/21W 4K DALI DIM	11W (MIN) 17W (DEF) 21W (MAX)	1200LM 1700LM 2000LM	109LM/W 100LM/W 95LM/W	1.30KG
SLA06649K19D2	SLENDER ACADEMY 600X600 22/39/42W 4K DALI DIM	22W (MIN) 39W (DEF) 42W (MAX)	2500LM 4100LM 4300LM	114LM/W 105LM/W 100LM/W	2.20KG
SLA12349K19D2	SLENDER ACADEMY 1200X300 22/40/43W 4K DALI DIM	22W (MIN) 40W (DEF) 43W (MAX)	2500LM 4100LM 4300LM	114LM/W 103LM/W 100LM/W	2.20KG
SLA12649K19D3	SLENDER ACADEMY 1200X600 43/51/60W 4K DALI DIM	43W (MIN) 51W (DEF) 60W (MAX)	5200LM 6000LM 6800LM	121LM/W 118LM/W 113LM/W	4.60KG
WIRESUSP/SLA	SLENDER ACADEMY WIRE SUSPENSION KIT	N/A	N/A	N/A	N/A

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PIERLITE® LED

SURFACE MOUNT | IP20 | IK06

LUMEN SELECT™ COLOUR SELECT

ECO BATTEN GEN3

PRODUCT DETAILS

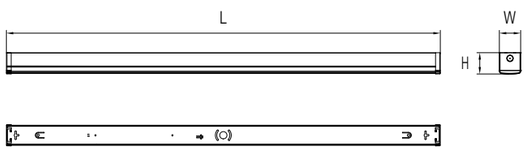
Size: 2ft/600mm, 4ft/1200mm, 5ft/1500mm
Rated life: L70 B50 54000hrs
LED: Colour Select 4000K/5000K/6500K, CRI80, 5SDCM
Beam angle: Symmetrical, 120°
Driver: Integral, Lumen Select, Non dimmable, Flicker free design
Rating: IP20, IK06, Class I
Operating temperature: 0°C to +40°C
Housing: Steel
Finishing: White RAL9003, Powder coated
Diffuser/Lens: Polycarbonate (PC), Frosted, Insect proof
Connection: Removable LED module with quick release clips and connector, Ø20mm knockout for conduit or cable glands, Center cable entry, End to end mounting
Warranty*: 5 year

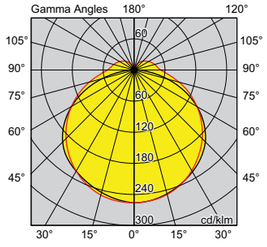
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Dimming, Emergency

APPLICATIONS

Surface mounted (ceiling/wall), Internal
Commercial, Retail, Residential





VERSION	L (MM)	W (MM)	H (MM)
ECOBAT202ECSG3	603	74	74
ECOBAT404ECSLS	1164	74	74
ECOBAT505ECSLS	1500	74	74

CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
ECOBAT202ECSG3	ECO BATTEN 2FT 18W 4/5/65K @ 4K	18W	1900LM	106LM/W	0.80KG
ECOBAT404ECSLS	ECO BATTEN 4FT 20/26/31/37W 4/5/65K @ 4K	20W	2400LM	120LM/W	1.50KG
		26W	3000LM	115LM/W	
		31W	3500LM	113LM/W	
		37W	3900LM	105LM/W	
ECOBAT505ECSLS	ECO BATTEN 5FT 29/37/45/52W 4/5/65K @ 4K	29W	4000LM	138LM/W	1.80KG
		37W	5000LM	135LM/W	
		45W	5800LM	129LM/W	
		52W	6400LM	123LM/W	

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PIERLITE® LED

SURFACE MOUNT | IP20

LUMEN SELECT™ COLOUR SELECT

NIPPER BATTEN

PRODUCT DETAILS

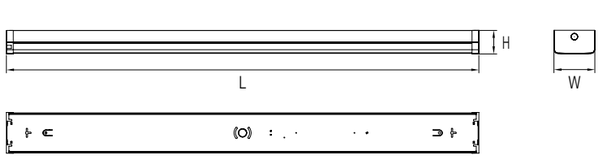
Size: 2ft/600mm, 4ft/1200mm, 5ft/1500mm
Rated life: L80 B50 54000hrs
LED: Colour Select 4000K/5000K/6500K, CRI80, 5SDCM
Beam angle: Symmetrical, 120°
Driver: Integral, Lumen Select, Non dimmable, Flicker free design
Rating: IP20, Class I
Operating temperature: 0°C to +40°C
Housing: Steel
Finishing: White RAL9003, Powder coated
Diffuser/Lens: Polycarbonate (PC), Frosted, Insect proof
Connection: Removable LED module with quick release clips and connector, Ø20mm knockout for conduit or cable glands, Center cable entry, End to end mounting
Warranty*: 5 year

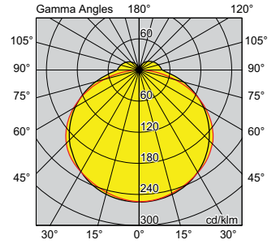
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Dimming, Emergency

APPLICATIONS

Surface mounted (ceiling/wall), Internal
Commercial, Retail, Residential





VERSION	L (MM)	W (MM)	H (MM)
NIPBAT202ECS	630	130	74
NIPBAT404ECSLS	1230	130	74
NIPBAT505ECSLS	1500	130	74

CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
NIPBAT202ECS	NIPPER BATTEN 2FT 18W 4/5/65K @ 4K	18W	1900LM	106LM/W	1.20KG
NIPBAT404ECSLS	NIPPER BATTEN 4FT 20/26/31/36W 4/5/65K @ 4K	20W	2400LM	120LM/W	2.10KG
		26W	3000LM	115LM/W	
		31W	3400LM	110LM/W	
		36W	4000LM	111LM/W	
NIPBAT505ECSLS	NIPPER BATTEN 5FT 29/36/44/51W 4/5/65K @ 4K	29W	4000LM	138LM/W	2.60KG
		36W	5000LM	139LM/W	
		44W	5900LM	134LM/W	
		51W	6700LM	131LM/W	

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STREAMLINE BATTEN

PRODUCT DETAILS

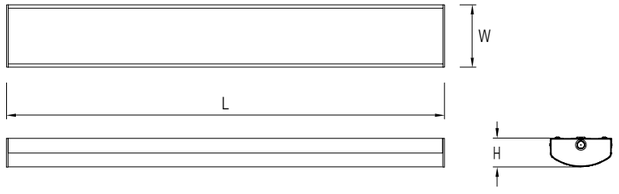
Size: 4ft/1200mm, 5ft/1500mm
Rated life: L70 B50 50000hrs
LED: 4000K, CRI80, 5SDCM
Beam angle: Symmetrical, 120°
Driver: Integral, Non dimmable/DALI dimming, Flicker free design with DALI versions
Rating: IP20, Class I
Operating temperature: 0°C to +40°C
Housing: Steel
Finishing: White RAL9003, Powder coated
Diffuser/Lens: Polycarbonate (PC), Frosted, Reeded
Connection: Ø20mm knockout for conduit or cable glands, Center cable entry, End to end mounting
Warranty*: 5 year

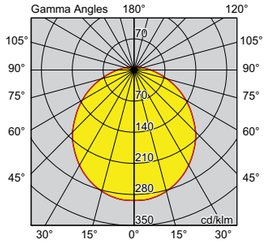
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Dimming, Emergency

APPLICATIONS

Surface mounted (ceiling/wall), Internal
Schools, Libraries, Offices





VERSION	L (MM)	W (MM)	H (MM)
STMLED4/4 STMLEDPRO4/4D	1166	170	79
STMLED5/4 STMLEDPRO5/4D	1466	170	79

CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
STMLED4/4	STREAMLINE 4FT 42W 4K	42W	4500LM	107LM/W	2.20KG
STMLED5/4	STREAMLINE 5FT 61W 4K	61W	6700LM	110LM/W	2.70KG
STMLEDPRO4/4D	STREAMLINE PRO 4FT 42W 4K DALI DIM	42W	4500LM	107LM/W	2.20KG
STMLEDPRO5/4D	STREAMLINE PRO 5FT 61W 4K DALI DIM	61W	6700LM	110LM/W	2.70KG

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LUMEN SELECT COLOUR SELECT

BWP ECO WEATHERPROOF BATTEN GEN2

PRODUCT DETAILS

Size: 2ft/600mm, 4ft/1200mm, 5ft/1500mm
Rated life: L70 B50 54000hrs
LED: Colour Select 4000K/5000K/6500K, CRI80, 5SDCM
Beam angle: Symmetrical, 100°
Driver: Integral, Lumen Select, Non dimmable
Rating: IP65, IK08, Class I
Operating temperature: -10°C to +40°C
Housing: Polycarbonate (PC), Clip in gear tray with safety lanyards
Finishing: Grey
Diffuser/Lens: Polycarbonate (PC), Frosted, Reeded
Connection: Large terminal block, Ø20mm cable gland, Optional knockout at the opposite end
Accessory: Complete with stainless steel Clips, Surface mount brackets, Suspension hooks
Warranty*: 5 year

MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Dimming, Emergency, Sensor

APPLICATIONS

Surface mounted (ceiling/wall), Suspended (ceiling), Internal/External Carparks, Commercial spaces, Wash bays, Security applications

VERSION	L (MM)	L1 (MM)	W (MM)	H (MM)
BWPECO202G2	655	420	130	92
BWPECO404G2	1265	900	130	92
BWPECO505G2	1565	1000	130	92

CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
BWPECO202G2	BWP ECO W/PROOF 2FT 19W 4/5/65K @ 4K	19W	2200LM	116LM/W	1.00KG
BWPECO404G2	BWP ECO W/PROOF 4FT 19/28/33/41W 4/5/65K @ 4K	19W	2700LM	142LM/W	1.90KG
		28W	3600LM	129LM/W	
		33W	4200LM	127LM/W	
		41W	5000LM	122LM/W	
BWPECO505G2	BWP ECO W/PROOF 5FT 27/37/44/56W 4/5/65K @ 4K	27W	3400LM	126LM/W	2.70KG
		37W	4600LM	124LM/W	
		44W	5300LM	120LM/W	
		56W	6300LM	113LM/W	

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COLOUR SELECT

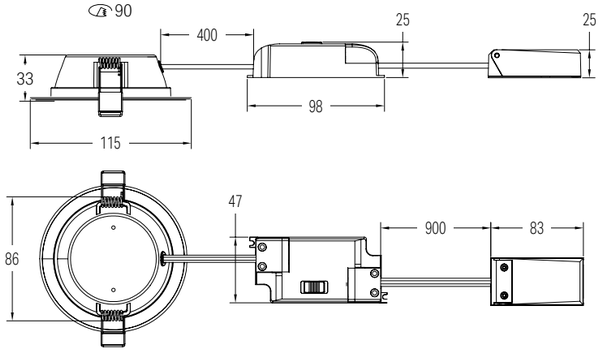
LITELUX DOWNLIGHT GEN3

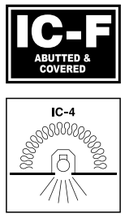
PRODUCT DETAILS

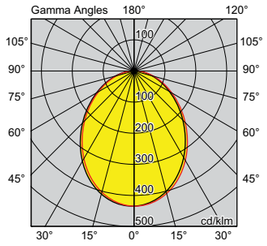
Size: Ø90mm Cutout, Ø115mm Trim
Rated life: L70 B50 36000hrs
LED: Colour Select 3000K/4000K/6500K, CRI80, 5SDCM
Beam angle: Symmetrical, 100°
Driver: Remote, Phase dimming
Rating: IC-4/IC-F, IP65 from below/IP20 from above, Class II
Operating temperature: 0°C to +40°C
Housing: Aluminium trim, Thermoplastic back
Finishing: White trim
Diffuser/Lens: Polycarbonate (PC), Frosted
Connection: 1.0m remote large terminal block
Warranty*: 5 year

APPLICATIONS

Recessed (ceiling/eaves), Internal/External
Residential, Apartments







CODE	DESCRIPTION	POWER~	LUMENS*	EFFICACY	WEIGHT
DLP6FWG3NZ	LITELUX DOWNLIGHT 8W 3/4/65K PHASE DIM @ 3K	8W	800LM	100LM/W	0.26KG

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COLOUR SELECT

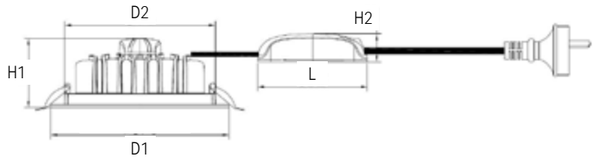
PIERLUX PLUS DOWNLIGHT

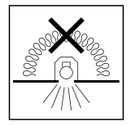
PRODUCT DETAILS

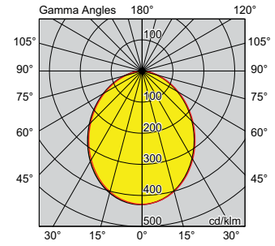
Size: Ø145mm Cutout, Ø170mm Trim, Ø205mm Cutout, Ø220mm Trim
Rated life: L80 B50 54000hrs
LED: Colour Select 3000K/4000K/6500K, CRI80, 5SDCM
Beam angle: Symmetrical, 100°
Driver: Remote, Phase dimming
Rating: Do not cover, IP44 from below/IP20 from above, Class II
Operating temperature: 0°C to +40°C
Housing: Aluminium
Finishing: White trim
Diffuser/Lens: Polycarbonate (PC), Frosted
Connection: 1.2m Flex & Plug
Warranty*: 5 year

APPLICATIONS

Recessed (ceiling), Internal
Commercial, Offices, Retail







VERSION	D1 (MM)	D2 (MM)	H1 (MM)	CUT-OUT (MM)	L	H2
PLUX63/4/6KP	Ø170	Ø144	66	Ø145	152	37
PLUX83/4/6K	Ø220	Ø203	82	Ø205	152	37

CODE	DESCRIPTION	POWER~	LUMENS*	EFFICACY	WEIGHT
PLUX63/4/6KP	PIERLUX PLUS DOWNLIGHT 24W 3/4/65K PHASE DIM @ 4K	24W	2800LM	117LM/W	0.60KG
PLUX83/4/6K	PIERLUX PLUS DOWNLIGHT 33W 3/4/65K PHASE DIM @ 4K	33W	3900LM	118LM/W	0.85KG

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PIERLITE® LED

TRACK MOUNT | IP20

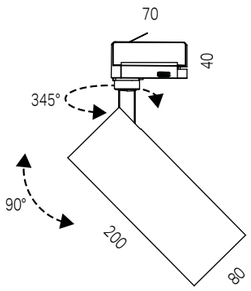
CILINDRO TRACK LIGHT GEN3

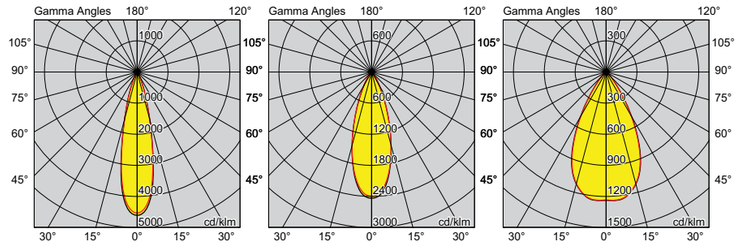
PRODUCT DETAILS

Rated life: L70 B50 50000hrs
LED: 3000K/4000K, CRI90, 3SDCM
Beam angle: Symmetrical, 24°/36°(defult)/54°
Driver: Integral, Non dimmable, Flicker free design
Rating: IP20, Class I
Operating temperature: 0°C to +40°C
Housing: Aluminium, Horizontal rotation 345°, Vertical tilt 90°
Finishing: White RAL9016/Black RAL9005
Diffuser/Lens: Polycarbonate (PC), Clear, Prismatic
Accessory: Complete with interchangeable lenses 24°/36°(defult)/54°
Connection: 3 circuit track adaptor
Warranty*: 5 year

APPLICATIONS

Track mounted, Internal
Commercial, Offices, Retail, Museums, Galleries





SYMMETRICAL 24° SYMMETRICAL 36° (DEFULT) SYMMETRICAL 54°

CODE	DESCRIPTION	POWER~	LUMENS*	EFFICACY	WEIGHT
CI80323WG3	CLINDRO TRACK LIGHT 31W 3K L3 WHITE	31W	2700LM	87LM/W	0.89KG
CI80323BG3	CLINDRO TRACK LIGHT 31W 3K L3 BLACK	31W	2700LM	87LM/W	0.89KG
CI80324WG3	CLINDRO TRACK LIGHT 31W 4K L3 WHITE	31W	2900LM	94LM/W	0.89KG
CI80324BG3	CLINDRO TRACK LIGHT 31W 4K L3 BLACK	31W	2900LM	94LM/W	0.89KG

*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

LUMEN SELECT COLOUR SELECT

ORION OYSTER GEN3

PRODUCT DETAILS

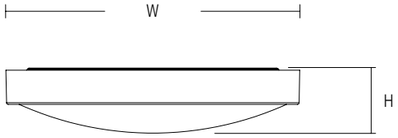
Size: Size: Ø300mm, Ø350mm
Rated life: L70 B50 54000hrs
LED: Colour Select 3000K/4000K/6000K, CRI80, 6SDCM
Beam angle: Symmetrical, 110°
Driver: Integral, Phase dimming
Rating: IP54, Class I
Operating temperature: 0°C to +40°C
Housing: Removable Polycarbonate (PC) trim, Steel base
Finishing: White
Diffuser/Lens: Acrylic (PMMA), Frosted
Connection: Center cable entry, Large terminal block
Warranty*: 5 year

MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

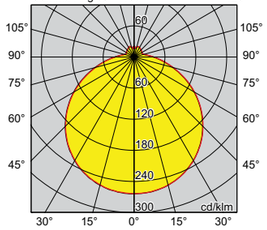
Sensor

APPLICATIONS

Surface mounted (ceiling), Internal
Residential, Apartments, Commercial spaces



Gamma Angles 180° 120°



VERSION	W (MM)	H (MM)
ORN16W3/4/6KDG3	Ø300	80
ORN23W3/4/6KDG3	Ø350	80

CODE	DESCRIPTION	POWER~	LUMENS*	EFFICACY	WEIGHT
ORN16W3/4/6KDG3	ORION OYSTER 300 16W 3/4/6K PHASE DIM @ 4K WITH TRIM	16W	1400LM	88LM/W	0.57KG
	WITHOUT TRIM	16W	1800LM	113LM/W	
ORN23W3/4/6KDG3	ORION OYSTER 350 16/23W 3/4/6K PHASE DIM @ 4K WITH TRIM	16W	1400LM	88LM/W	0.75KG
	WITHOUT TRIM	16W	1700LM	106LM/W	
	WITH TRIM	23W	2000LM	87LM/W	
	WITHOUT TRIM	23W	2400LM	104LM/W	

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COLOUR SELECT

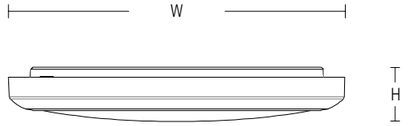
SLIMLINE OYSTER

PRODUCT DETAILS

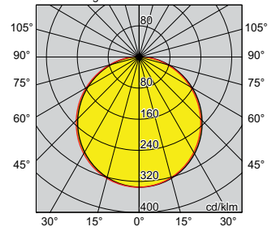
Size: Size: Ø300mm, Ø400mm
Rated life: L70 B50 54000hrs
LED: Colour Select 3000K/4000K/6000K, CRI80, 7SDCM
Beam angle: Symmetrical, 100°
Driver: Integral, Phase dimming
Rating: IP54, Class II
Operating temperature: 0°C to +40°C
Housing: Polycarbonate (PC)
Finishing: White
Diffuser/Lens: Polycarbonate (PC), Frosted
Connection: Center cable entry
Warranty*: 5 year

APPLICATIONS

Surface mounted (ceiling), Internal
Residential, Apartments, Commercial spaces



Gamma Angles 180° 120°



VERSION	W (MM)	H (MM)
SLMOYS183/4/6K	Ø300	50
SLMOYS273/4/6K	Ø400	50

CODE	DESCRIPTION	POWER~	LUMENS*	EFFICACY	WEIGHT
SLMOYS183/4/6K	SLIMLINE OYSTER 300 17W 3/4/6K PHASE DIM @ 3K	17W	1600LM	94LM/W	0.90KG
SLMOYS273/4/6K	SLIMLINE OYSTER 400 27W 3/4/6K PHASE DIM @ 3K	27W	2200LM	81LM/W	1.50KG

*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

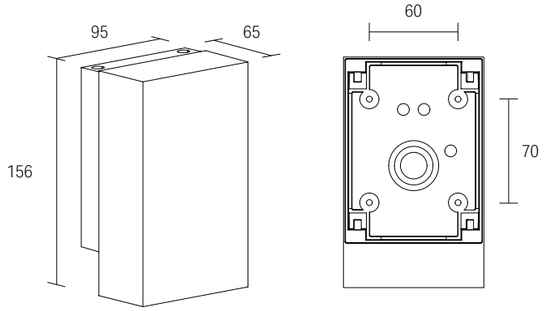
TABLET DIRECT WALL LIGHT GEN2

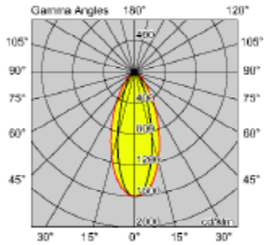
PRODUCT DETAILS

Rated life: L70 B10 40000hrs
LED: 3000K, CRI80, 5SDCM
Beam angle: : Symmetrical, Direct
Driver: Integral, Non dimmable
Rating: IP65, Class I
Operating temperature: -10°C to +40°C
Housing: Aluminium
Finishing: Black, Powder coated
Diffuser/Lens: Glass, Frosted
Connection: Back entry, Large terminal block
Warranty*: 5 year

APPLICATIONS

Surface mounted (wall), Internal/External
Residential, Apartments, Hospitality





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
TABL830B	TABLET WALL LIGHT DIRECT 4W 3K BLACK	4W	330LM	83LM/W	0.77KG

*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

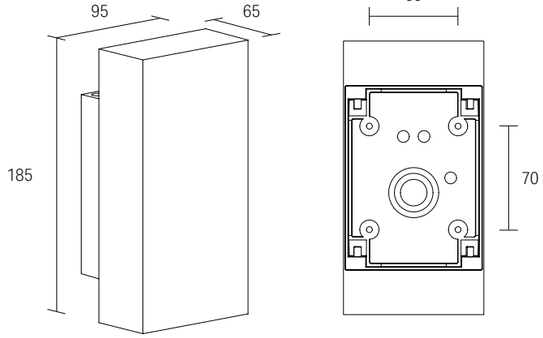
TABLET DIRECT & INDIRECT WALL LIGHT GEN2

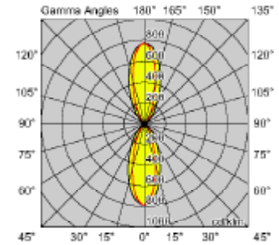
PRODUCT DETAILS

Rated life: L70 B10 40000hrs
LED: 3000K, CRI80, 5SDCM
Beam angle: : Symmetrical, Direct & Indirect
Driver: Integral, Non dimmable
Rating: IP65, Class I
Operating temperature: -10°C to +40°C
Housing: Aluminium
Finishing: Black, Powder coated
Diffuser/Lens: Glass, Frosted
Connection: Back entry, Large terminal block
Warranty*: 5 year

APPLICATIONS

Surface mounted (wall), Internal/External
Residential, Apartments, Hospitality





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
TABLDI830B	TABLET WALL LIGHT DIRECT & INDIRECT 8W 3K BLACK	8W	650LM	81LM/W	0.90KG

*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

PIERLITE® LED

SURFACE MOUNT | IP65 | IK08

COLOUR SELECT

POLO BULKHEAD GEN2

PRODUCT DETAILS

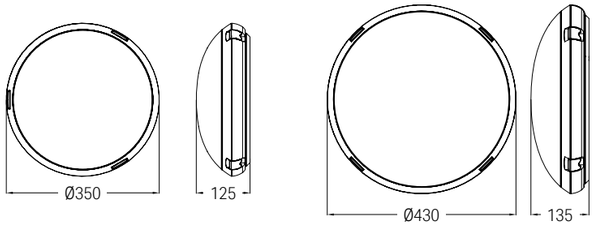
Size: Ø350mm, Ø430mm
Rated life: L70 B50 54000hrs
LED: Colour Select 3000K/4000K/5700K, CRI80, 6SDCM
Beam angle: Symmetrical, 120°
Driver: Integral, Non dimmable
Rating: IP65, IK08, Class II
Operating temperature: -20°C to +40°C
Housing: Polycarbonate (PC)
Finishing: White
Diffuser/Lens: Polycarbonate (PC), Frosted
Connection: PG9/Ø16mm cable gland, Back entry/Side entry
Warranty*: 5 year

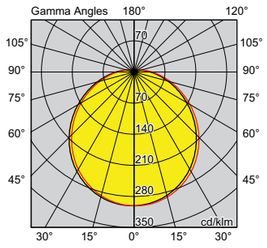
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Dimming, Emergency (compliant to AS/NZS 2293), Sensor

APPLICATIONS

Surface mounted (ceiling/wall), Internal/External
Commercial, Industrial, Residential, Apartments





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
POLO2-14W	POLO BULKHEAD 350 14W 3/4/57K @ 3K	14W	1300LM	93LM/W	1.50KG
POLO2-21W	POLO BULKHEAD 430 22W 3/4/57K @ 3K	22W	2100LM	95LM/W	2.00KG

*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

PIERLITE® LED

SURFACE MOUNT | IP44 | IK10 | DIMMABLE | DALI

GIOTTO BULKHEAD GEN2

PRODUCT DETAILS

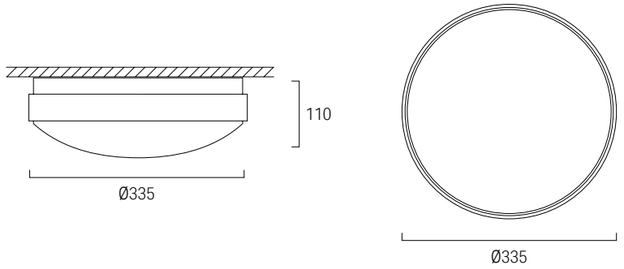
Rated life: L80 B10 60000hrs
LED: 3000K/4000K, CRI80, 3SDCM
Beam angle: Symmetrical, 120°
Driver: Integral, Non dimmable/DALI dimming
Rating: IP44, IK10, Class I
Operating temperature: -25°C to +25°C
Housing: Polycarbonate (PC)
Finishing: White
Diffuser/Lens: Polycarbonate (PC), Frosted
Warranty*: 5 year

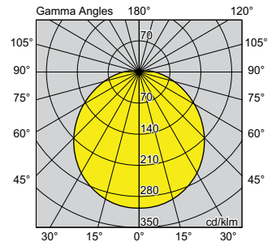
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Other dimming technology, Emergency (compliant to AS/NZS 2293)

APPLICATIONS

Surface mounted (ceiling/wall), Internal
Commercial, Industrial, Residential, Apartments





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
3034797	GIOTTO BULKHEAD Ø335 23W 3K	23W	2100LM	91LM/W	1.44KG
3034796	GIOTTO BULKHEAD Ø335 23W 4K	23W	2200LM	96LM/W	1.44KG
3034797DALI	GIOTTO BULKHEAD Ø335 23W 3K DALI DIM	23W	2100LM	91LM/W	1.44KG
3034796DALI	GIOTTO BULKHEAD Ø335 23W 4K DALI DIM	23W	2200LM	96LM/W	1.44KG

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PIERLITE® LED

SURFACE MOUNT | IP65 | IK08

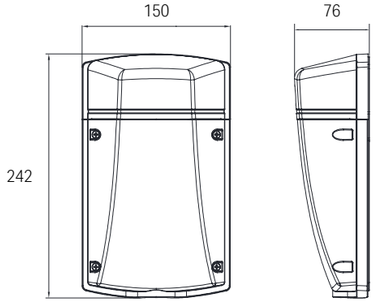
WALL PACK LIGHT BULKHEAD

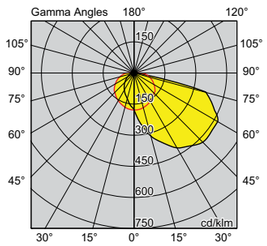
PRODUCT DETAILS

Rated life: L70 B50 50000hrs
LED: 4000K, CRI80, 5SDCM
Beam angle: Asymmetrical
Driver: Integral, Non dimmable
Rating: IP65, IK08, Class I
Operating temperature: -20°C to +50°C
Housing: Aluminium
Finishing: Black, Powder coated
Diffuser/Lens: Polycarbonate (PC), Frosted
Connection: Back entry/Side entry
Warranty*: 5 year

APPLICATIONS

Surface mounted (wall), Internal/External
Commercial, Public areas, Hotels, Garages, Schools, Health care





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
PLEDWP20W4K	WALL PACK BULKHEAD 20W 4K	20W	2200LM	91LM/W	1.20KG
PLEDWP30W4K	WALL PACK BULKHEAD 28W 4K	28W	2800LM	96LM/W	1.20KG

*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

PIERLITE® LED

SURFACE MOUNT | IP65 | IK08 | SENSOR

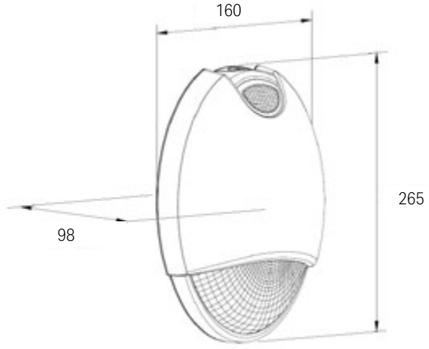
DECO BULKHEAD

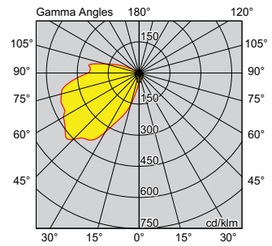
PRODUCT DETAILS

Rated life: L70 B50 50000hrs
LED: 4000K, CRI70
Beam angle: Asymmetrical
Driver: Integral, Non dimmable
Sensor: Photoelectric (PE)
Rating: IP65, IK08, Class I
Operating temperature: 0°C to +30°C
Housing: Aluminium
Finishing: Black, Powder coated
Diffuser/Lens: Polycarbonate (PC), Clear, Prismatic
Connection: Back entry
Warranty*: 5 year

APPLICATIONS

Surface mounted (wall), Internal/External
Commercial, Public areas, Hotels, Garages, Schools, Health care





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
DECOLED4KAC-BK	DECO BULKHEAD 13W 4K SENSOR	13W	1200LM	92LM/W	1.80KG

*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

SUSPENDED | SURFACE MOUNT | IP65 | IK08 | Cu < 0.1% | DIMMABLE

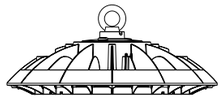
PIERLUX ECO 1-10V HIGHBAY GEN6

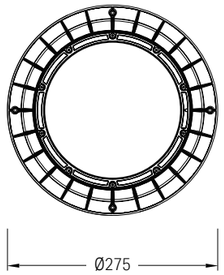
PRODUCT DETAILS

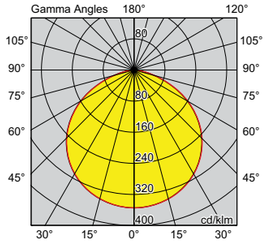
Rated life: L70 B10 54000hrs
LED: 5000K, CRI80, 6SDCM
Beam angle: Symmetrical, 115°
Driver: Integral, 1-10V dimming
Rating: IP65, IK08, Class I
Operating temperature: -20°C to +50°C
Housing: LM6 Aluminium (copper content <0.1%)
Finishing: Black, Powder coated
Diffuser/Lens: Polycarbonate (PC), Clear
Connection: 1.7m Flex & Plug, Safety wire
Accessory: Optional Surface mount kit, Polycarbonate refractor, Polycarbonate refractor lens, Aluminium reflector, Aluminium dust cover, Sensor, Sensor remote control
Warranty*: 5 year

APPLICATIONS

Suspended/Surface mounted (ceiling), Internal/External Warehousing, Industrial facilities, Workshops, Retail environments, Cold storage, Sports facilities



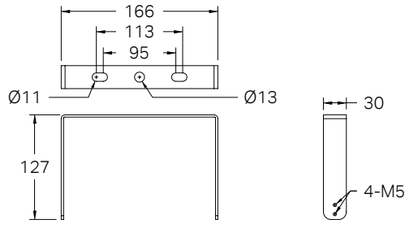




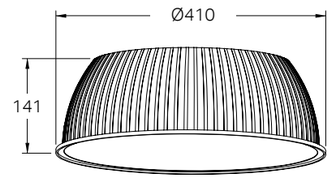
CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
ECOHB120W850G6	PIERLUX ECO HIGHBAY 117W 5K 1-10V DIM	117W	19200LM	164LM/W	1.80KG

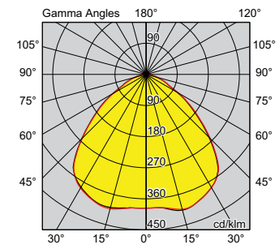
*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

PIERLUX ECO 1-10V HIGHBAY GEN6 ACCESSORIES ECOHB120W850G6



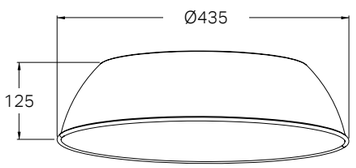
CODE: ECOHB120BRKT **0.30KG**
SURFACE MOUNT KIT

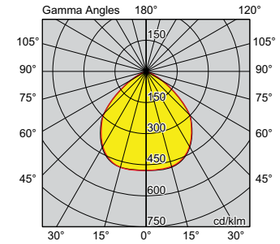




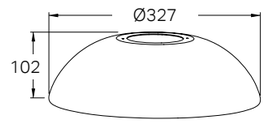
CODE: ECOHBG5PCREF **0.60KG**
POLYCARBONATE REFRACTOR

CODE: ECOHBG5PCREFCOV **0.20KG**
POLYCARBONATE REFRACTOR LENS





CODE: ECOHBG5ALREF **1.00KG**
ALUMINIUM REFLECTOR



CODE: ECOHBG5SMCOV **0.30KG**
ALUMINIUM DUST COVER

SUSPENDED | SURFACE MOUNT | IP65 | IK08 | Cu < 0.1%

LUMEN SELECT™

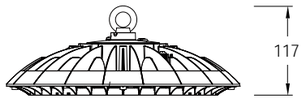
PIERLUX ECO HIGHBAY GEN6

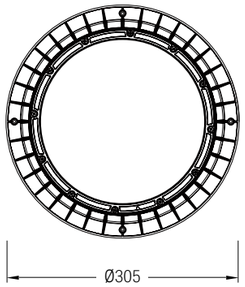
PRODUCT DETAILS

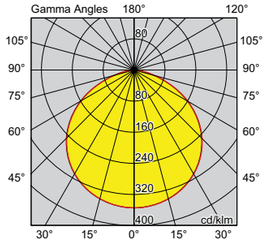
Rated life: L70 B10 54000hrs
LED: 4000K/5000K, CRI80, 6SDCM
Beam angle: Symmetrical, 115°
Driver: Integral, Lumen Select, Non dimmable
Rating: IP65, IK08, Class I
Operating temperature: -20°C to +50°C
Housing: LM6 Aluminium (copper content <0.1%)
Finishing: Black, Powder coated
Diffuser/Lens: Polycarbonate (PC), Clear
Connection: 1.7m Flex & Plug, Safety wire
Accessory: Optional Surface mount kit, Polycarbonate refractor, Polycarbonate refractor lens, Aluminium reflector, Aluminium dust cover, Sensor, Sensor remote control
Warranty*: 5 year

APPLICATIONS

Suspended/Surface mounted (ceiling), Internal/External Warehousing, Industrial facilities, Workshops, Retail environments, Cold storage, Sports facilities



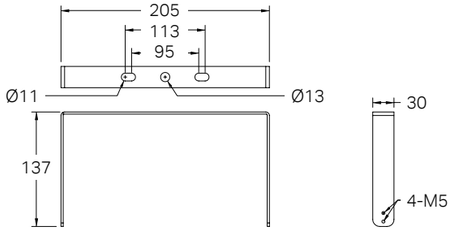




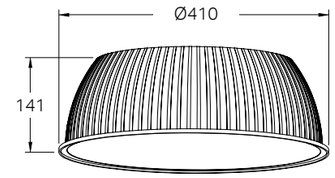
CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
ECOHB200W84LSG2	PIERLUX ECO HIGHBAY 96/147/161/190W 4K	96W 147W 161W 190W	16000LM 23900LM 25800LM 29900LM	167LM/W 163LM/W 160LM/W 157LM/W	2.40KG
ECOHB200W85LSG2	PIERLUX ECO HIGHBAY 99/149/172/204W 5K	99W 149W 172W 204W	17900LM 26000LM 29200LM 33700LM	181LM/W 174LM/W 170LM/W 165LM/W	2.40KG

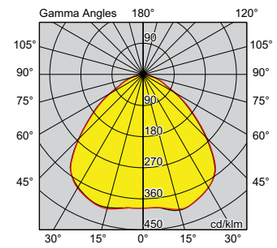
*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

PIERLUX ECO HIGHBAY GEN6 ACCESSORIES ECOHB200W84LSG2 & ECOHB200W85LSG2



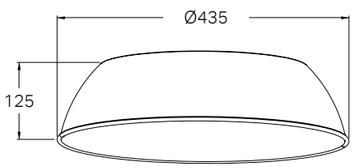
CODE: ECOHB170200BRKT **0.40KG**
SURFACE MOUNT KIT

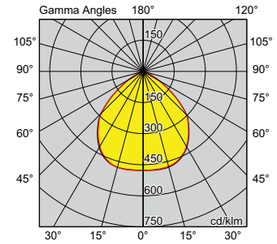




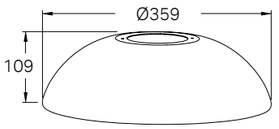
CODE: ECOHBG5PCREF **0.60KG**
POLYCARBONATE REFRACTOR

CODE: ECOHBG5PCREFCOV **0.20KG**
POLYCARBONATE REFRACTOR LENS





CODE: ECOHBG5ALREF **1.00KG**
ALUMINIUM REFLECTOR



CODE: ECOHBG5LRCOV **0.40KG**
ALUMINIUM DUST COVER

*up to 150W when using the Aluminium dust cover

SURFACE MOUNT | RECESSED | IP65

STELLAR LOWBAY

PRODUCT DETAILS

Rated life: L70 B50 50000hrs
LED: 4000K/5700, CRI80, 5SDCM
Beam angle: Symmetrical, 115°
Driver: Integral, Non dimmable
Rating: IP65, Class I
Operating temperature: -20°C to +40°C
Housing: Steel
Finishing: White, Powder coated
Acrylic (PMMA), CLear, Prismatic
Connection: Back entry
Warranty*: 5 year

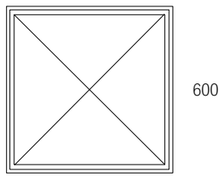
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Dimming, Emergency

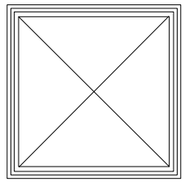
APPLICATIONS

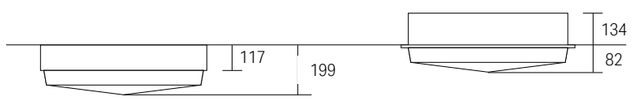
Surface mounted/Recessed (ceiling/canopies), Internal/External
Food processing areas, Service station canopies, Retail spaces,
Manufacturing facilities, Cold storage and Refrigerated warehouses

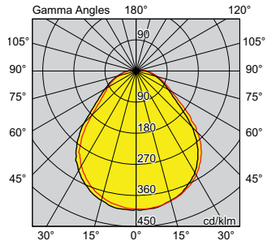
SURFACE MOUNTED



RECESSED CUTOUT 610X610







CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
STSLED190/84GP	STELLAR LOWBAY SURFACE MOUNTED 184W 4K	184W	25300LM	138LM/W	11.20KG
STSLED190/85GP	STELLAR LOWBAY SURFACE MOUNTED 184W 57K	184W	25300LM	138LM/W	11.20KG
STRLED190/84GP	STELLAR LOWBAY RECESSED 184W 4K	184W	25300LM	138LM/W	10.50KG
STRLED190/85GP	STELLAR LOWBAY RECESSED 184W 57K	184W	25300LM	138LM/W	10.50KG

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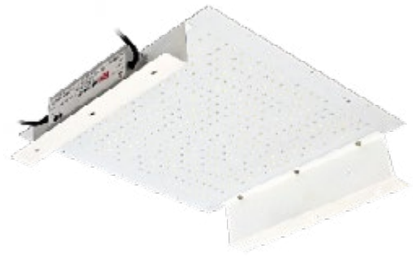


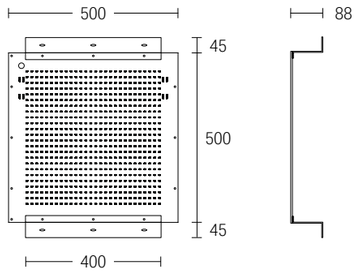
STELLAR LOWBAY RETROFIT KIT

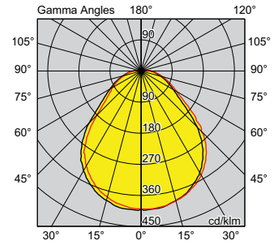
PRODUCT DETAILS

Rated life: L70 B50 50000hrs
LED: 4000K/5700, CRI80, 5SDCM
Driver: Integral, Non dimmable
Rating: Class I
Operating temperature: -20°C to +40°C
Warranty*: 5 year

MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Dimming, Emergency





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
STRETLED190/84	STELLAR LOWBAY RETROFIT KIT 184W 4K	184W	25300LM	138LM/W	3.30KG
STRETLED190/85	STELLAR LOWBAY RETROFIT KIT 184W 57K	184W	25300LM	138LM/W	3.30KG

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PIERLITE® LED

SURFACE MOUNT | IP65 | IK10 | DIMMABLE

CANOPY LIGHT LOWBAY

PRODUCT DETAILS

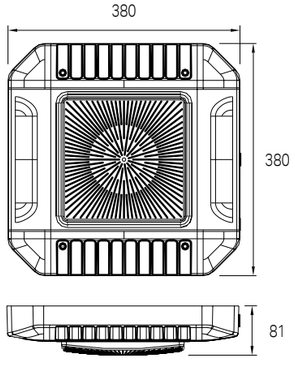
Rated life: L80 B10 50000hrs
LED: 4000K, CRI80, 5SDCM
Beam angle: Symmetrical, 120°
Driver: Integral, 1-10V dimming
Rating: IP65, IK10, Class I
Operating temperature: -40°C to +50°C
Housing: ADC12 Aluminium
Finishing: White RAL9016, Powder coated
Diffuser/Lens: Polycarbonate (PC), Frosted, Reeded
Connection: 1.0m Flex, Center cable entry
Accessory: Optional Surface mount bracket
Warranty*: 5 year

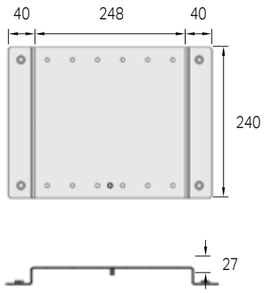
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

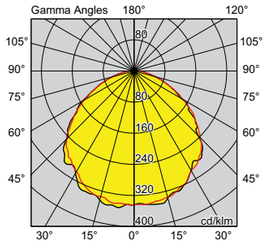
Other dimming technology

APPLICATIONS

Surface mounted (ceiling/canopies), Internal/External
Service station canopies, Retail spaces, Manufacturing facilities, Cold storage and Refrigerated warehouses







CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
PCNPY120W4K	CANOPY LIGHT LOWBAY 120W 4K 1-10V DIM	120W	17600LM	147LM/W	5.80KG
PCNPY150W4K	CANOPY LIGHT LOWBAY 146W 4000K CRI80 1-10V	146W	21200LM	145LM/W	5.80KG
PCNPYBRKT	CANOPY LIGHT LOWBAY SURFACE MOUNT BRACKET	N/A	N/A	N/A	N/A

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PIERLITE® LED

SURFACE MOUNT | RECESSED | IP65 | IK09 | Cu < 0.1% | DIMMABLE | DALI

LUMEN SELECT™

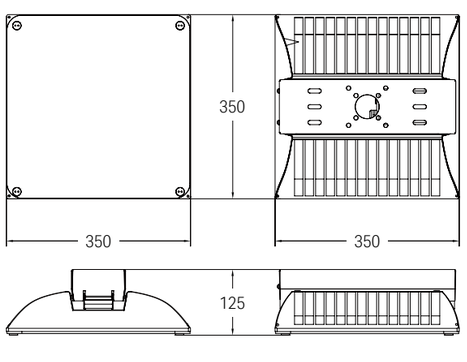
C350 LOWBAY GEN2

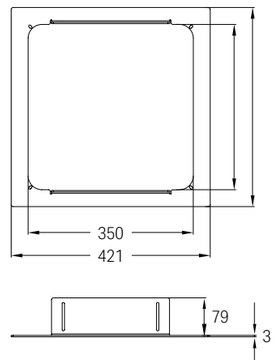
PRODUCT DETAILS

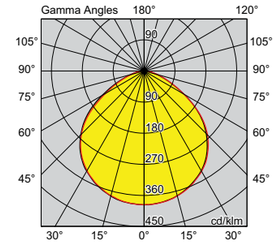
Rated life: L70 B50 54000hrs
LED: 4000K/5000K, CRI80, 5SDCM
Beam angle: Symmetrical, 120°
Driver: Integral, Lumen Select, Non dimmable/DALI dimming
Rating: IP65, IK09, Class I
Operating temperature: 0°C to +50°C
Housing: LM6 Aluminium (copper content <0.1%)
Finishing: Grey RAL9007, Powder coated
Diffuser/Lens: Glass, Frosted
Connection: Center cable entry
Accessory: Optional Recess kit
Warranty*: 5 year

APPLICATIONS

Surface mounted/Recessed (ceiling/canopies), Internal/External
Service stations, General canopies, Sports facilities, Warehousing, Industrial facilities, Workshops, Coolrooms, Carparks







CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
C350SLSE4	C350 LOWBAY 63/101/150W 4K	63W 101W 150W	10500LM 16700LM 24000LM	167/W 165/W 160LM/W	7.30KG
C350SLSE5	C350 LOWBAY 62/100/149W 5K	62W 100W 149W	10900LM 17200LM 24700LM	176LM/W 172LM/W 166LM/W	7.30KG
C350S150D4	C350 LOWBAY 150W 4K DALI DIM	150W	24000LM	160LM/W	7.30KG
C350S150D5	C350 LOWBAY 149W 5K DALI DIM	149W	24700LM	166LM/W	7.30KG
C350RECKIT	C350 LOWBAY RECESSED KIT	N/A	N/A	N/A	N/A

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PIERLITE® LED

CEILING MOUNT | IP66 | IK07

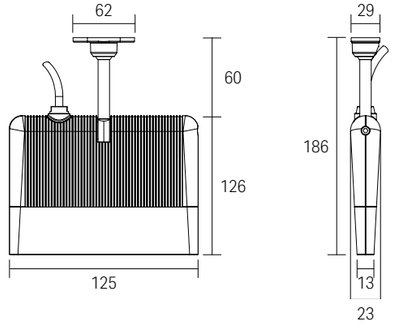
HORNET FLOODLIGHT

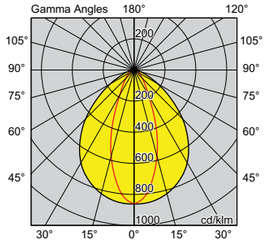
PRODUCT DETAILS

Rated life: L70 B50 30000hrs
LED: 4000K, CRI80, 7SDCM
Beam angle: Symmetrical, 120°
Driver: Integral, Non dimmable
Rating: IP66, IK07, Class I
Operating temperature: -10°C to +40°C
Housing: Aluminium, Horizontal rotation 300°, Vertical tilt 200°
Finishing: Black, Powder coated
Diffuser/Lens: Acrylic (PMMA), Frosted
Connection: 1.0m Flex, Center cable entry
Accessory: Complete with Retrofit kit
Warranty*: 5 year

APPLICATIONS

Surface mounted (ceiling/eaves/wall), Internal/External
Residential, Access areas, Outdoor entertaining areas, BBQ areas





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
CFL20840	HORNET FLOODLIGHT 20W 4K	20W	1500LM	75LM/W	0.42KG

*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

PIERLITE® LED

SURFACE MOUNT | IP65 | IK06 | Cu < 0.1%

LUMEN SELECT™ COLOUR SELECT

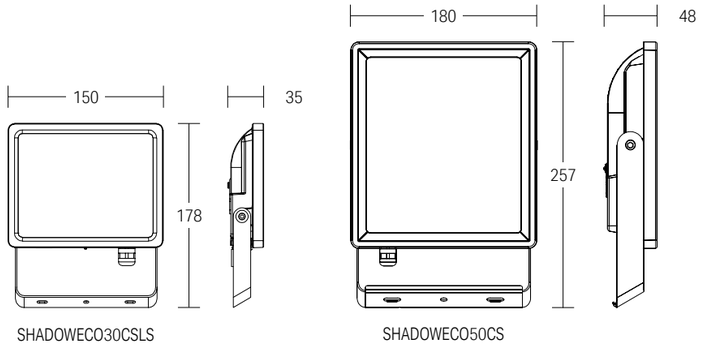
SHADOW ECO 15-50W FLOODLIGHT

PRODUCT DETAILS

Rated life: L70 B50 25000hrs
LED: Colour Select 3000K/4000K/6500K, CRI80, 6SDCM
Beam angle: Symmetrical, 100°
Driver: Integral, Lumen Select, Non dimmable
Rating: IP65, IK06, Class I
Operating temperature: -10°C to +40°C
Housing: LM6 Aluminium (copper content <0.1%)
Finishing: Black, Powder coated
Diffuser/Lens: Glass, Clear, Anti-fog breather
Connection: 1.0m Flex
Accessory: Complete with Corner mount bracket, Trunnion arm
Warranty*: 5 year

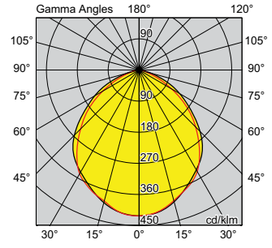
APPLICATIONS

Surface mounted (ceiling/wall), External
Residential, Light commercial



SHADOWECO30CSLS

SHADOWECO50CS



CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
SHADOWECO30CSLS	SHADOW ECO FLOODLIGHT 15/29W 3/4/65K @ 4K	15W 29W	1800LM 3300LM	120LM/W 114LM/W	0.56KG
SHADOWECO50CS	SHADOW ECO FLOODLIGHT 47W 3/4/65K @ 4K	47W	5100LM	109LM/W	1.20KG

*Please refer to the warranty policy at www.pierlite.co.nz; "POWER" is tested system powers from luminaire; "LUMENS" is delivered lumens from luminaire, including thermal, electrical and optic losses; ^Figures are interpolated / extrapolated from data at other versions.

COLOUR SELECT

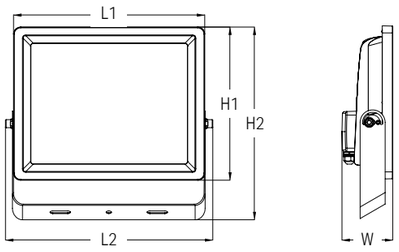
SHADOW ECO 100-200W FLOODLIGHT

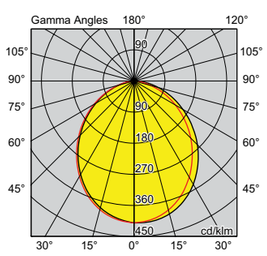
PRODUCT DETAILS

Rated life: L70 B50 54000hrs
LED: Colour Select 3000K/4000K/5000K, CRI80, 6SDCM
Beam angle: Symmetrical, 110°
Driver: Integral, Non dimmable
Rating: IP65, IK08, Class I
Operating temperature: -10°C to +40°C
Housing: LM6 Aluminium (copper content <0.1%)
Finishing: Black, Powder coated
Diffuser/Lens: Glass, Frosted
Connection: 1.0m Flex
Accessory: Complete with Trunnion arm
Warranty*: 5 year

APPLICATIONS

Surface mounted (ceiling/wall), External
Carparks, Commercial areas, Industry areas, Security lighting





VERSION	L1 (MM)	L2 (MM)	H1 (MM)	H2 (MM)	W (MM)
SHADOWECO100CS	307	339	247	322	98
SHADOWECO200CS	382	414	306	385	102

CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
SHADOWECO100CS	SHADOW ECO FLOODLIGHT 96W 3/4/5K @ 4K	96W	11600LM	121LM/W	4.20KG
SHADOWECO200CS	SHADOW ECO FLOODLIGHT 198W 3/4/5K @ 4K	198W	23700LM	120LM/W	5.72KG

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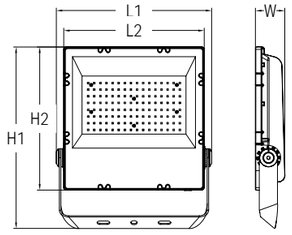
MAXI MASTER FLOODLIGHT

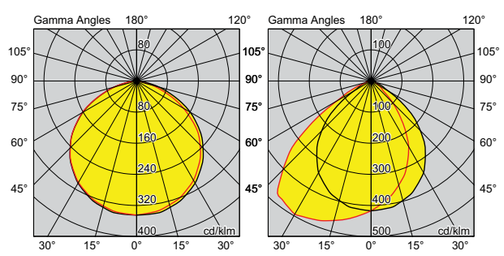
PRODUCT DETAILS

Rated life: L70 B50 50000hrs
LED: 4000K, CRI80, 7SDCM
Beam angle: Symmetrical/Asymmetrical
Driver: Integral, Non dimmable
Rating: IP65, IK08, Class I
Operating temperature: -10°C to +40°C
Housing: LM6 Aluminium (copper content <0.1%)
Finishing: Black, Powder coated
Diffuser/Lens: Glass, Clear
Connection: 1.0m Flex
Accessory: Complete with Trunnion arm, Integrated aiming protractor
Warranty*: 5 year

APPLICATIONS

Surface mounted (ceiling/wall), External
Carparks, Commercial areas, Industry areas, Security lighting





SYMMETRICAL ASYMMETRICAL

VERSION	L1 (MM)	L2 (MM)	H1 (MM)	H2 (MM)	W (MM)
MML100	317	288	380	293	60
MML200	341	310	469	380	60
MML300	528	495	445	350	75

CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
MML100S	MAXI MASTER FLOODLIGHT 102W 4K SYMMETRICAL	102W	12300LM	121LM/W	4.00KG
MML200S	MAXI MASTER FLOODLIGHT 201W 4K SYMMETRICAL	201W	24100LM	120LM/W	6.20KG
MML300S	MAXI MASTER FLOODLIGHT 296W 4K SYMMETRICAL	296W	35700LM	121LM/W	9.50KG
MML100A	MAXI MASTER FLOODLIGHT 102W 4K ASYMMETRICAL	102W	11400LM	112LM/W	4.00KG
MML200A	MAXI MASTER FLOODLIGHT 201W 4K ASYMMETRICAL	201W	22100LM	110LM/W	6.20KG
MML300A	MAXI MASTER FLOODLIGHT 293W 4K ASYMMETRICAL	293W	34300LM	117LM/W	9.50KG

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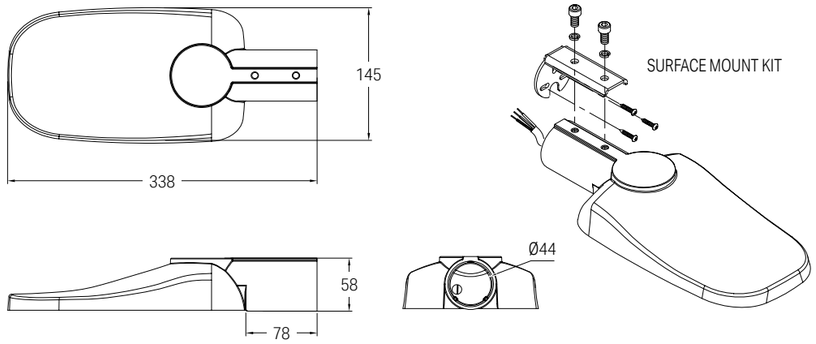
EDGE AREA LIGHT

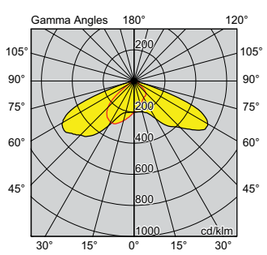
PRODUCT DETAILS

Rated life: L70 B50 50000hrs
LED: 4000K, CRI70, 7SDCM
Beam angle: T2, 150°x75°
Driver: Integral, Non dimmable
Rating: IP66, IK08, Class I
Operating temperature: -20°C to +50°C
Housing: LM6 Aluminium (copper content <0.1%)
Finishing: Grey, Powder coated
Diffuser/Lens: Polycarbonate (PC), Clear
Connection: 4.0m Flex, Spigot size Ø44mm OD. 80mm depth
Accessory: Complete with surface mount kit
Warranty*: 5 year

APPLICATIONS

Pole/Spigot mounted, Surface mounted (Wall), External
Area lighting, Car parks, Laneways, Pedestrian areas, Parks, Gardens





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
EDGE24WT2	EDGE AREA LIGHT 24W 4K T2	24W	3000LM	125LM/W	1.30KG

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DOMAIN AREA LIGHT GEN2

PRODUCT DETAILS

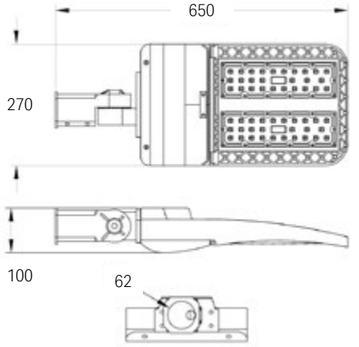
Rated life: L70 B50 54000hrs
LED: 4000K, CRI70, 7SDCM
Beam angle: T2/T3/T5
Driver: Integral, Non dimmable
Rating: IP65, IK06, Class I
Operating temperature: -10°C to +40°C
Housing: Aluminium
Finishing: Black RAL9017, Powder coated
Diffuser/Lens: Polycarbonate (PC), Frosted
Connection: Adjustable spigot allowing vertical and horizontal mount,
Spigot size 60mm OD. 80mm depth
Accessory: Optional surface mounted bracket
Warranty*: 5 year

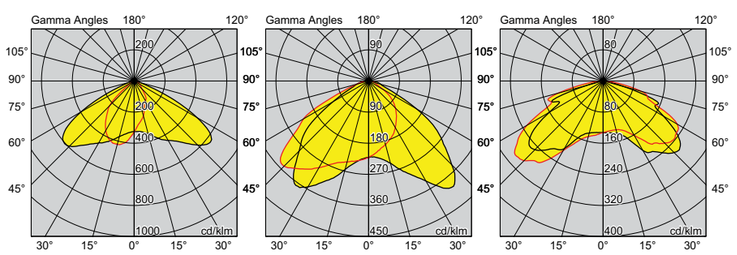
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Photoelectric (PE) sensor

APPLICATIONS

Pole/Spigot mounted, External
Area lighting, Car parks, Laneways, Pedestrian areas, Parks, Gardens





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
DOM50T2	DOMAIN AREA LIGHT 53W 4K T2	53W	6900LM	130LM/W	5.00KG
DOM50T3	DOMAIN AREA LIGHT 53W 4K T3	53W	6700LM	126LM/W	5.00KG
DOM100T2	DOMAIN AREA LIGHT 98W 4K T2	98W	11700LM	120LM/W	6.00KG
DOM100T3	DOMAIN AREA LIGHT 98W 4K T3	98W	11000LM	112LM/W	6.00KG
DOM100T5	DOMAIN AREA LIGHT 98W 4K T5	98W	11600LM	118LM/W	6.00KG
DOM200T2	DOMAIN AREA LIGHT 215W 4K T2	215W	26000LM	121LM/W	7.00KG
DOM200T3	DOMAIN AREA LIGHT 215W 4K T3	215W	25200LM	117LM/W	7.00KG
DOM200T5	DOMAIN AREA LIGHT 215W 4K T5	215W	25900LM	120LM/W	7.00KG

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PIERLITE® LED

GROUND MOUNT | IP65 | IK10

START BOLLARD

PRODUCT DETAILS

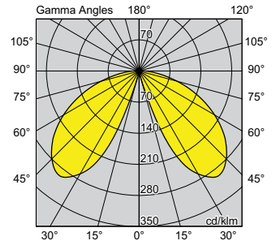
Rated life: L70 B50 50000hrs
LED: 3000K/4000K, CRI80, 5SDCM
Beam angle: Symmetrical, 360°, No light above the horizontal plane
Driver: Integral, Non dimmable
Rating: IP65, IK10, Class I
Operating temperature: -35°C to +50°C
Housing: Aluminium
Finishing: Black RAL9005, Powder coated with special anti-corrosion treatment for coastal areas, Salt Spray testing 1000hrs (in compliance with ISO 9227 standard)
Diffuser/Lens: Polycarbonate (PC), Frosted
Connection: 0.25m Flex with IP68 cable connector
Warranty*: 5 year

MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

500mm height

APPLICATIONS

Ground mount, External
Coastal areas, Pedestrian areas, Public or private gardens



CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
0047941	START BOLLARD 1000 25W 3K BLACK	25W	1100LM	44LM/W	1.20KG
0047943	START BOLLARD 1000 26W 4K BLACK	26W	1100LM	42LM/W	1.20KG

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STINGRAY EXIT LIGHT GEN2

PRODUCT DETAILS

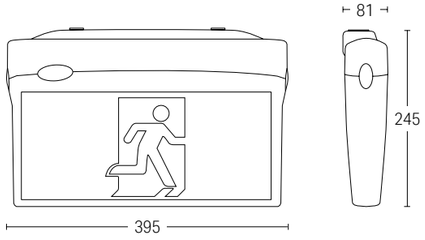
Viewing distance: 24m
Rated life: L70 B50 50000hrs
Driver: Integral, Non dimmable
Emergency: Maintained, Manual test, Replaceable lithium iron phosphate (LiFeP04) battery, 18 months shelf life
Rating: IP20, Class II
Operating temperature: 0°C to +40°C
Housing: Polycarbonate (PC)
Finishing: White/Black
Accessory: Complete with all pictograms, Optional IP65 enclosure
Compliant: AS/NZS 2293
Warranty*: 5 year on fixture and lamp, 4 years on battery

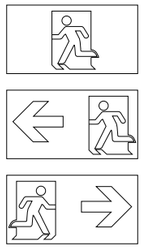
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

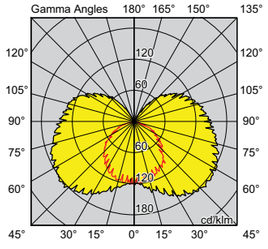
DALI emergency

APPLICATIONS

Surface mounted (ceiling/wall), Internal
Commercial, Schools, Retail, Hospitality, Apartments, Theatres and Cinemas







CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
STLED-L	STINGRAY EXIT 24M 5W MAINT EMERG WHITE @ MAINT MODE @ EMERG MODE	5W 1W	120LM 30LM	25LM/W 30LM/W	1.20KG
STTLED-L	STINGRAY EXIT 24M 5W MAINT EMERG BLACK @ MAINT MODE @ EMERG MODE	5W 1W	120LM 30LM	25LM/W 30LM/W	1.20KG
AQUALOCK-W	AQUALOCK IP65 ENCLOSURE	N/A	N/A	N/A	N/A

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BLADE EXIT LIGHT GEN2

PRODUCT DETAILS

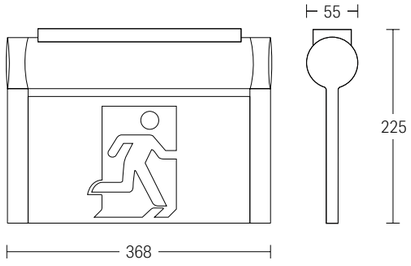
Viewing distance: 24m
Rated life: L70 B50 50000hrs
Driver: Integral, Non dimmable
Emergency: Maintained, Manual test, Replaceable lithium iron phosphate (LiFeP04) battery, 18 months shelf life
Rating: IP20, Class II
Operating temperature: 0°C to +40°C
Housing: Polycarbonate (PC), Swivel panel
Finishing: White/Black
Accessory: Complete with all pictograms; Optional Recess kit, IP65 enclosure
Compliant: AS/NZS 2293
Warranty*: 5 year on fixture and lamp, 4 years on battery

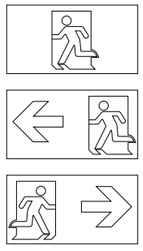
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

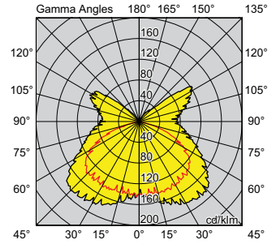
DALI emergency

APPLICATIONS

Surface mounted (ceiling/wall), Internal
Commercial, Schools, Retail, Hospitality, Apartments, Theatres and Cinemas







CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
LEDXM2P-L	BLADE EXIT 24M 5W MAINT EMERG WHITE @ MAINT MODE @ EMERG MODE	5W 1W	130LM 30LM	26LM/W 30LM/W	0.90KG
LEDXM2PB-L	BLADE EXIT 24M 5W MAINT EMERG BLACK @ MAINT MODE @ EMERG MODE	5W 1W	130LM 30LM	26LM/W 30LM/W	0.90KG
LEDRB	BLADE EXIT RECESSED KIT WHITE	N/A	N/A	N/A	N/A
AQUALOCK-W	AQUALOCK IP65 ENCLOSURE	N/A	N/A	N/A	N/A

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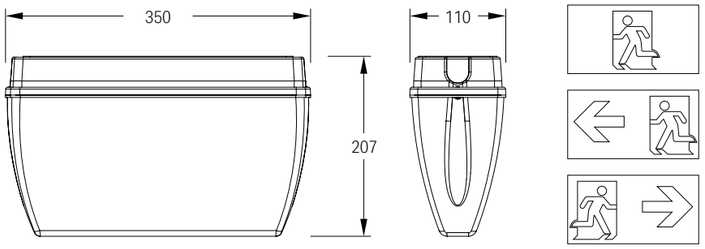
WEATHERLUX CEILING EXIT LIGHT GEN2

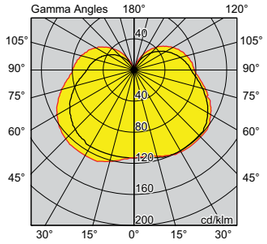
PRODUCT DETAILS

Viewing distance: 24m
Rated life: L70 B50 54000hrs
Driver: Integral, Non dimmable
Emergency: Maintained, DALI emergency, Manual test, Replaceable lithium iron phosphate (LiFePO4) battery, 18 months shelf life
Rating: IP65, IK08, Class II
Operating temperature: 0°C to +40°C
Housing: Polycarbonate (PC)
Finishing: White
Accessory: Complete with all pictograms
Compliant: AS/NZS 2293
Warranty*: 5 year on fixture and lamp, 4 years on battery

APPLICATIONS

Surface mounted (ceiling), Internal/External
Damp environments, Warehouses, Production facilities, Car parks, Schools, Coastal areas





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
WLUX-CM	WEATHERLUX CEILING EXIT 24M 5W MAINT DALI EMERG WHITE @ MAINT MODE	N/A	N/A	N/A	2.30KG
	@ EMERG MODE	2W	100LM	50LM/W	

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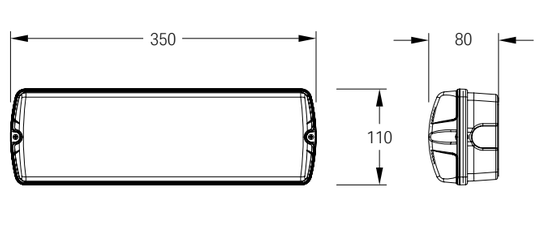
WEATHERLUX WALL EXIT LIGHT GEN2

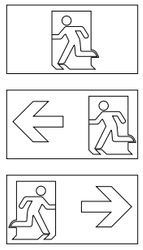
PRODUCT DETAILS

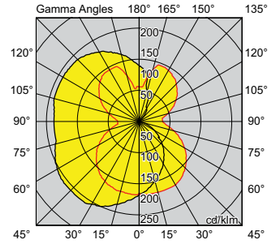
Viewing distance: 16m
Rated life: L70 B50 54000hrs
Driver: Integral, Non dimmable
Emergency: Maintained, DALI emergency, Manual test, Replaceable lithium iron phosphate (LiFePO4) battery, 18 months shelf life
Rating: IP65, IK08, Class II
Operating temperature: 0°C to +40°C
Housing: Polycarbonate (PC)
Finishing: White
Accessory: Complete with all pictograms
Compliant: AS/NZS 2293
Warranty*: 5 year on fixture and lamp, 4 years on battery

APPLICATIONS

Surface mounted (wall), Internal/External
Damp environments, Warehouses, Production facilities, Car parks, Schools, Coastal areas







CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
WLUX-WM	WEATHERLUX WALL EXIT 16M 5W MAINT DALI EMERG WHITE @ MAINT MODE	N/A	N/A	N/A	1.20KG
	@ EMERG MODE	2W	70LM	35LM/W	

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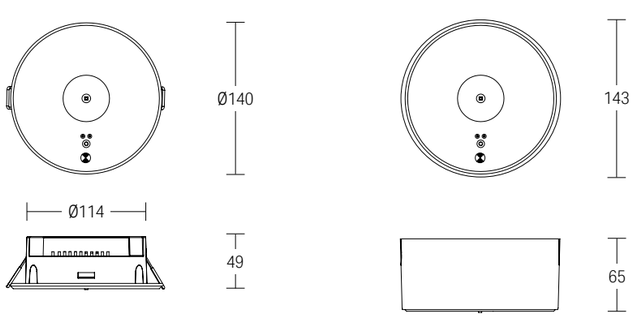
FIREFLY EMERGENCY LIGHT GEN2

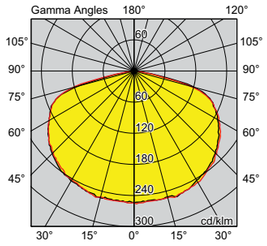
PRODUCT DETAILS

Rated life: L70 B50 50000hrs
Driver: Integral, Non dimmable
Emergency: Non maintained, Manual test, Replaceable lithium iron phosphate (LiFeP04) battery, 18 months shelf life
Rating: IP20, Class II
Operating temperature: 0°C to +40°C
Housing: Polycarbonate (PC)
Finishing: White/Black
Connection: 1.5m Flex & Plug
Accessory: Optional Surface mount kit
Compliant: AS/NZS 229, D32 emergency classification
Warranty*: 5 year on fixture and lamp, 4 years on battery

APPLICATIONS

Recessed/Surface mounted (ceiling), Internal
Office spaces, Fire passages, Retail centres, Aged care, Hospitality





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
FFRLED2	FIREFLY RECESSED D32 2W NON MAINT EMERG WHITE @ EMERG MODE	2W	170LM	85LM/W	0.50KG
FFSLEDKITWH	FIREFLY SURFACE MOUNT KIT WHITE	N/A	N/A	N/A	N/A
FFRLEDBK2	FIREFLY RECESSED D32 2W NON MAINT EMERG BLACK @ EMERG MODE	2W	170LM	85LM/W	0.50KG
FFSLEDKITBK	FIREFLY SURFACE MOUNT KIT BLACK	N/A	N/A	N/A	N/A

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GUARDIAN EMERGENCY LIGHT GEN2

PRODUCT DETAILS

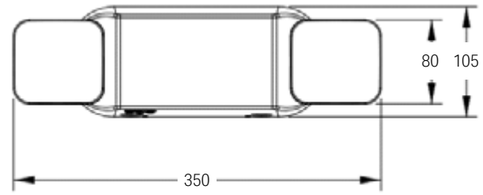
Rated life: L70 B50 50000hrs
Driver: Integral, Non dimmable
Emergency: Non maintained, Manual test, Replaceable lithium iron phosphate (LiFeP04) battery, 18 months shelf life
Rating: IP20, Class II
Operating temperature: 0°C to +40°C
Housing: Polycarbonate (PC), Twin adjustable head
Finishing: White
Diffuser/Lens: Polycarbonate (PC), Clear, Prismatic
Accessory: Optional IP65 IK10 enclosure
Compliant: AS/NZS 2293
Warranty*: 5 year on fixture and lamp, 4 years on battery

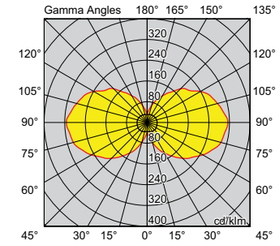
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

DALI emergency

APPLICATIONS

Surface mounted (wall), Internal
Retail, Public auditoriums, Warehouses, Airports, School halls





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
GRLED7FL-L	GUARDIAN FLOODLIGHT 4W NON MAINT EMERG @ EMERG MODE	4W	600LM	150LM/W	1.00KG
GRWPENCL	GUARDIAN FLOODLIGHT IP65 IK10 ENCLOSURE	N/A	N/A	N/A	N/A

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EMERGENCY CONVERSION KIT

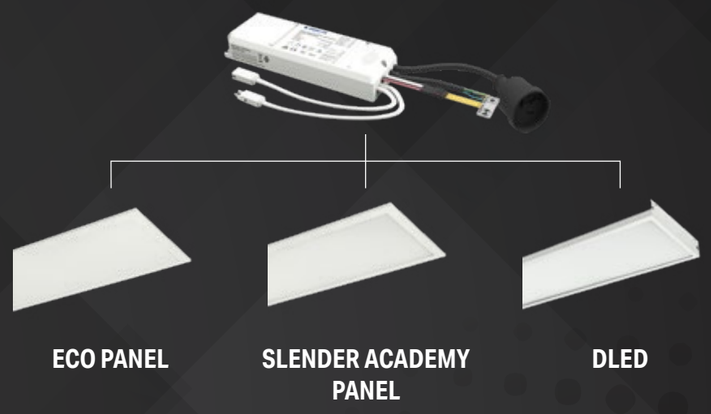
Seamless conversion of Pierlite panels and troffers to emergency luminaires, Easy connect and self contained design allows easy onsite installation, Unique sticker based testing configuration avoiding drilling holes in luminaires, Complete with long life LiFePO4 battery.

EMKIT-5W-MT
L212 x W73 x H28 mm
5W / 634LM

TA50
Operational Temperature Rating

LiFeP04
Battery

3 Year
Warranty



ECO PANEL | **SLENDER ACADEMY PANEL** | **DLED**

Play Video

www.pierlite.co.nz

PIERLITE® LED

RECESSED | IP20

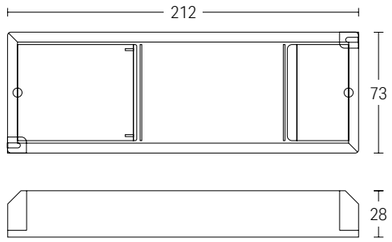
EMERGENCY CONVERSION KIT

PRODUCT DETAILS

Seamless conversion of Pierlite panels and troffers to emergency luminaires
Integrated emergency solution rather than conventional spitfire emergency solution to save installation time and cost
Plug-and-Play system allows easy onsite installation
Unique Sticker-Based testing configuration avoiding drilling holes in luminaires
Maintained, Manual test, Lithium iron phosphate (LiFeP04) battery, 12 months shelf life, 2hrs battery discharge time
All Luminaires individually compliant to AS/NZS 2293
Rating: IP20
Operating temperature: 0°C to +50°C
Warranty*: 3 year

APPLICATIONS

Recessed
Use with Pierlite panels and troffers only



CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
EMKIT-5W-MT	EMERGENCY CONVERSION KIT 5W MAINT EMERG	5W	N/A	N/A	0.48KG

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PIERLITE® LED

SURFACE MOUNT | IP20 | IK06

LUMEN SELECT™ COLOUR SELECT

ECO EMERGENCY BATTEN GEN3

PRODUCT DETAILS

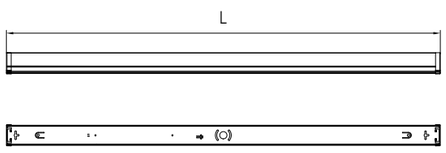
Size: 2ft/600mm, 4ft/1200mm, 5ft/1500mm
Rated life: L70 B50 54000hrs
LED: Colour Select 4000K/5000K/6500K, CRI80, 5SDCM
Beam angle: Symmetrical, 120°
Driver: Integral, Lumen Select, Non dimmable, Flicker free design
Emergency: Maintained, Manual test, Replaceable lithium iron phosphate (LiFeP04) battery, 18 months shelf life
Rating: IP20, IK06, Class I
Operating temperature: 0°C to +40°C
Housing: Steel
Finishing: White RAL9003, Powder coated
Diffuser/Lens: Polycarbonate (PC), Frosted, Insect proof
Connection: Removable LED module with quick release clips and connector, Ø20mm knockout for conduit or cable glands, Center cable entry, End to end mounting
Warranty*: 5 year on fixture and lamp, 4 years on battery

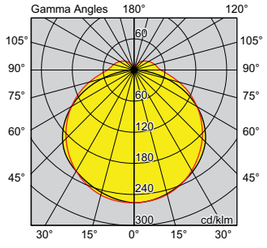
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Dimming, Non maintained emergency

APPLICATIONS

Surface mounted (ceiling/wall), Internal
Commercial, Retail, Residential





VERSION	L (MM)	W (MM)	H (MM)
ECOBAT202G3E1	603	74	74
ECOBAT404G3E1	1164	74	74
ECOBAT505G3E1	1500	74	74

CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
ECOBAT202G3E1	ECO BATTEN 2FT 18W 4/5/65K MAINT EMERG @ 4K MAINT MODE	18W	1900LM	106LM/W	1.10KG
	@ 4K EMERG MODE	2W	200LM	100LM/W	
ECOBAT404G3E1	ECO BATTEN 4FT 20/26/31/37W 4/5/65K MAINT EMERG @ 4K MAINT MODE	20W	2400LM	120LM/W	1.80KG
		26W	3000LM	115LM/W	
		31W	3500LM	113LM/W	
		37W	3900LM	105LM/W	
	@ 4K EMERG MODE	2W	200LM	100LM/W	
ECOBAT505ECS/ME	ECO BATTEN 5FT 29/37/45/52W 4/5/65K MAINT EMERG @ 4K MAINT MODE	29W	4000LM	138LM/W	2.10KG
		37W	5000LM	135LM/W	
		45W	5800LM	129LM/W	
		52W	6400LM	123LM/W	
	@ 4K EMERG MODE	3W	280LM	100LM/W	

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PIERLITE® LED

SURFACE MOUNT | SUSPENDED | IP65 | IK08

LUMEN SELECT™ COLOUR SELECT

BWP ECO EMERGENCY WEATHERPROOF BATTEN GEN2

PRODUCT DETAILS

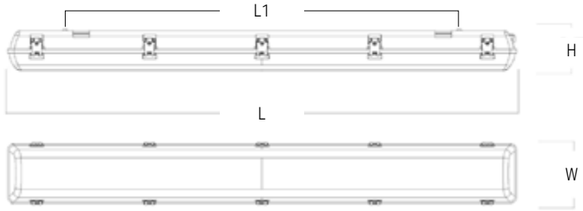
Size: 2ft/600mm, 4ft/1200mm, 5ft/1500mm
Rated life: L70 B50 54000hrs
LED: Colour Select 4000K/5000K/6500K, CRI80, 5SDCM
Beam angle: Symmetrical, 100°
Driver: Integral, Lumen Select, Non dimmable
Emergency: Maintained, Manual test, Replaceable lithium iron phosphate (LiFeP04) battery, 18 months shelf life
Rating: IP65, IK08, Class I
Operating temperature: -10°C to +40°C
Housing: Polycarbonate (PC), Clip in gear tray with safety lanyards
Finishing: Grey
Diffuser/Lens: Polycarbonate (PC), Frosted, Reeded
Connection: Large terminal block, Ø20mm cable gland, Optional knockout at the opposite end
Accessory: Complete with stainless steel Clips, Surface mount brackets, Suspension hooks
Warranty*: 5 year on fixture and lamp, 4 years on battery

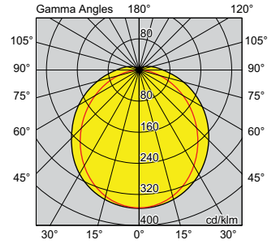
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Dimming, Non maintained emergency, Sensor

APPLICATIONS

Surface mounted (ceiling/wall), Suspended (ceiling), Internal/External Carparks, Commercial spaces, Wash bays, Security applications





VERSION	L (MM)	L1 (MM)	W (MM)	H (MM)
BWPECO202G2E1	655	420	130	92
BWPECO404G2E1	1265	900	130	92
BWPECO505G2E1	1565	1000	130	92

CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
BWPECO202G2E1	BWP ECO W/PROOF 2FT 19W 4/5/65K MAINT EMERG @ 4K MAINT MODE	19W	2200LM	116LM/W	1.30KG
	@ 4K EMERG MODE	2W	200LM	100LM/W	
BWPECO404G2E1	BWP ECO W/PROOF 4FT 19/28/33/41W 4/5/65K MAINT EMERG @ 4K MAINT MODE	19W	2700LM	142LM/W	2.20KG
		28W	3600LM	129LM/W	
		33W	4200LM	127LM/W	
		41W	5000LM	122LM/W	
	@ 4K EMERG MODE	2W	200LM	100LM/W	
BWPECO505G2ME	BWP ECO W/PROOF 5FT 27/37/44/56W 4/5/65K MAINT EMERG @ 4K MAINT MODE	27W	3400LM	126LM/W	3.00KG
		37W	4600LM	124LM/W	
		44W	5300LM	120LM/W	
		56W	6300LM	113LM/W	
	@ 4K EMERG MODE	3W	260LM	100LM/W	

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COLOUR SELECT

POLO EMERGENCY BULKHEAD GEN2

PRODUCT DETAILS

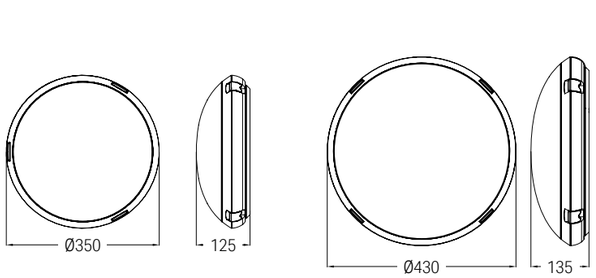
Size: Ø350mm, Ø430mm
Rated life: L70 B50 54000hrs
LED: Colour Select 3000K/4000K/5700K, CRI80, 6SDCM
Beam angle: Symmetrical, 120°
Driver: Integral, Non dimmable
Emergency: Maintained, Manual test, Replaceable lithium iron phosphate (LiFeP04) battery, 18 months shelf life
Rating: IP65, IK08, Class II
Operating temperature: -20°C to +40°C
Housing: Polycarbonate (PC)
Finishing: White
Diffuser/Lens: Polycarbonate (PC), Frosted
Connection: PG9/Ø16mm cable gland, Back entry/Side entry
Compliant: AS/NZS 2293
Warranty*: 5 year on fixture and lamp, 4 years on battery

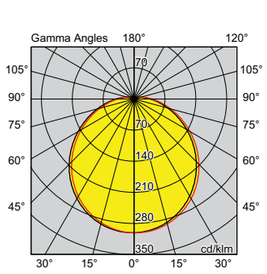
MADE TO ORDER OPTIONS (LEAD TIME AND MOQ MAY APPLY)

Dimming, Non maintained emergency, Sensor

APPLICATIONS

Surface mounted (ceiling/wall), Internal/External
Commercial, Industrial, Residential, Apartments





CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
POLO2-14W-EM	POLO BULKHEAD Ø350 14W 3/4/57K MAINT EMERG @ 3K MAINT MODE	14W	1300LM	93LM/W	1.80KG
	@ 3K EMERG MODE	2W	220LM	110LM/W	
POLO2-21W-EM	POLO BULKHEAD Ø430 22W 3/4/57K MAINT EMERG @ 3K MAINT MODE	22W	2100LM	95LM/W	2.80KG
	@ 3K EMERG MODE	2W	180LM	90LM/W	

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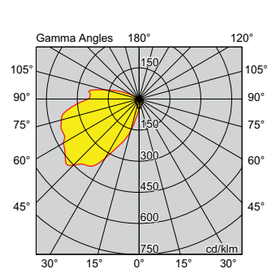
DECO EMERGENCY BULKHEAD

PRODUCT DETAILS

Rated life: L70 B50 50000hrs
LED: 4000K, CRI70
Beam angle: Asymmetrical
Driver: Integral, Non dimmable
Emergency: Maintained, Manual test, Replaceable lithium iron phosphate (LiFeP04) battery, 18 months shelf life
Sensor: Photoelectric (PE)
Rating: IP65, IK08, Class I
Operating temperature: 0°C to +30°C
Housing: Aluminium
Finishing: Black, Powder coated
Diffuser/Lens: Polycarbonate (PC), Clear, Prismatic
Connection: Back entry
Warranty*: 5 year on fixture and lamp, 4 years on battery

APPLICATIONS

Surface mounted (wall), Internal/External
Commercial, Public areas, Hotels, Garages, Schools, Health care



CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
DECOLED4KMS-BK	DECO BULKHEAD 13W 4K SENSOR MAINT EMERG @ MAINT MODE	13W	1200LM	92LM/W	1.80KG
	@ EMERG MODE	3W	310LM	103LM/W	2.10KG

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NOW AVAILABLE
WITH ICONIC KIT!

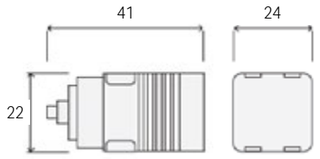
LEDSMART PHASE DIMMER

PRODUCT DETAILS

Compatible with PDL Iconic, PDL 600, PDL Saturn Zen, Legrand Excel, Clipsal 2000 and HPM Excel XLP770 switch plates
Phase dimming control for LED lamps and light fixtures
Excellent compatibility with other lamps such as incandescent lamps, 12V halogen (dichroic) lamps/ transformers and CFL's
2W - 400W load
Configurable minimum brightness with mechanical adjustment
Minimum brightness typically 0%
Separately switched 2-wire design, no neutral wire connection required for wallplate retrofit installation
Integrated LED indicator illuminates the dimmer knob
Incorporates a thermal fuse to protect itself against overheating
Incorporates filtering to reduce load brightness variation under conditions of line voltage ripple signal injection
"Soft-start" to help prolong the lamp and driver life
Inherent immunity to installation wiring short circuit fault
Warranty*: 2 year

APPLICATIONS

Surface mounted (wall), Internal
Commercial, Public areas, Hotels, Garages, Schools, Health care



CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
MEDM-KIT	ROTARY PHASE DIMMER	N/A	N/A	N/A	N/A

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DIGINET CONTROL SYSTEMS LED WALL MOUNT IP20 DIMMABLE

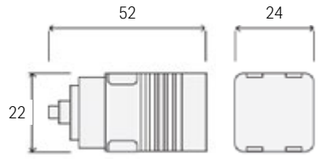
LEDSMART PLUS PHASE DIMMER & SWITCH

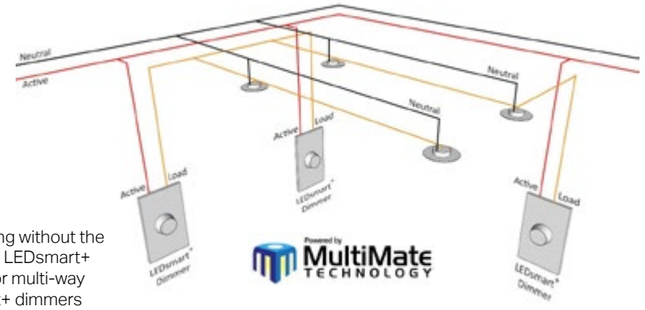
PRODUCT DETAILS

Compatible with PDL 600, PDL Saturn Zen, Legrand Excel, Clipsal 2000 and HPM Excel XLP770 switch plates
Integrated tap on/off switch
Phase dimming and switching control for LED lamps and light fixtures
Excellent compatibility with other lamps such as incandescent lamps, 12V halogen (dichroic) lamps/ transformers and CFL's
1W - 400W load
Fully programmable functions such as minimum brightness, maximum brightness, kickstart, LED indicator
Minimum brightness typically 0%
Quick-flick to dim to minimum or maximum
Double tap to dim to minimum or maximum over 30 minutes
Separately switched 2-wire design, no neutral wire connection required for wallplate retrofit installation
Integrated LED indicator illuminates the dimmer knob
Incorporates a thermal fuse to protect itself against overheating
Incorporates filtering to reduce load brightness variation under conditions of line voltage ripple signal injection
"Soft-start" to help prolong the lamp and driver life
Inherent immunity to installation wiring short circuit fault
Warranty*: 2 year

APPLICATIONS

Surface mounted (wall), Internal
Commercial, Public areas, Hotels, Garages, Schools, Health care





MultiMate™ technology allows multi-way control of lighting without the need for an expensive control system. It enables multiple LEDsmart+ devices to be wired in parallel when two-way, three-way or multi-way control is required. When connected in parallel LEDsmart+ dimmers allow dimming and switching of connected lighting loads from multiple locations without any additional wiring. No strapper wires, dedicated remote switch wiring or 'control bus' is required.

The wiring example on the left shows three LEDsmart+ dimmers connected in parallel to provide three-way dimming and switching of four downlights without any additional wiring.

CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
MMDM/RT-KIT	ROTARY PHASE DIMMER & SWITCH	N/A	N/A	N/A	N/A

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DIGINET CONTROL SYSTEMS

LED | WALL MOUNT | IP20 | DIMMABLE | CCT CONTROL | DALI

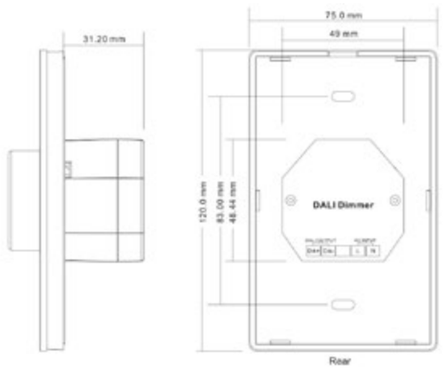
DALI WALL PLATE DIMMER & SWITCH

PRODUCT DETAILS

Integrated tap on/off switch
DALI dimming and switching control for DALI light fixtures
Configurable minimum brightness setting
Colour temperature control (requires DGDALIDM8 model and DALI Type 8 LED drivers)
Up to four DALI Wall Plate Dimmers can be connected in parallel on a DALI Line for multi-point control
Built in 125mA DALI power supply (mains connection required)
Able to control up to 50 DALI drivers on a single DALI line
Only mains connection (active and neutral) and DALI connection (DA/DA) required
Can be powered by external DALI power supply connected to DALI line (no mains connection required)
No external DALI power supply or other equipment is required
No programming of the device or DALI drivers is required
Warranty*: 2 year

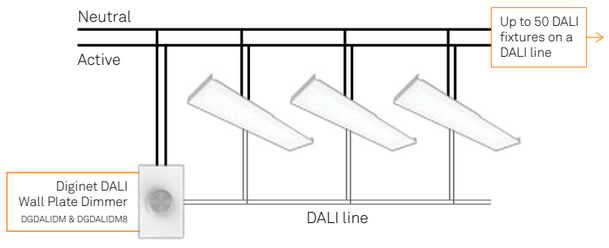
APPLICATIONS

Surface mounted (wall), Internal
Commercial offices, Meeting rooms, Board rooms, Executive offices, School classrooms, Hospital wards



TYPICAL CONNECTIONS

Up to four Diginet DALI Wall Plate Dimmers can be connected to the same DALI line. Connections can either be to (a) both Mains and DALI, or (b) DALI connections only.



CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
DGDALIDM	ROTARY DALI DIMMER & SWITCH WALL PLATE	N/A	N/A	N/A	N/A
DGDALIDM8	ROTARY DALI CCT CONTROL DIMMER & SWITCH WALL PLATE	N/A	N/A	N/A	N/A

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PIERLITE®

LED | IP65 | SENSOR

HIGHBAY SENSOR

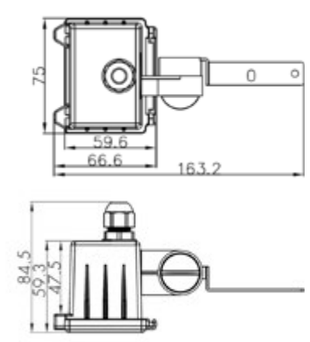
PRODUCT DETAILS

Plug-and-Play installation via pre-fitted piggyback plug and socket
ON/OFF control up to 800W
HF sensor technology for reliable movement detection
Maximum detection range 360° 10M(Ø)x12M(H)
Adjustable detection range (100%/75%/50%/10%)
Intelligent photocell with daylight prior to motion detection
Adjustable hold-time after last movement (2 sec to 30 min)
Fast programming via integral rotary switch with 16 pre-sets
Advanced programming via optional remote control
Suitable for most highbay/lowbay fittings
Rating: IP65, Class I
Operating temperature: -20°C to +50°C
Finishing: Black
Connection: 1.6m Flex & Plug
Accessory: Optional remote control
Warranty*: 5 year

APPLICATIONS

Internal/External
Warehouses, Factories, Storage facilities, Shopping/retail centres

ROTARY SWITCH POSITION	DETECTION RANGE	HOLD-TIME	DAYLIGHT SENSOR
0	100%	5 SEC	DISABLED
1	100%	1 MIN	2 LUX
2	100%	5 MIN	10 LUX
3	100%	5 MIN	30 LUX
4	100%	5 MIN	10 LUX
5	100%	5 MIN	30 LUX
6	100%	5 MIN	DISABLED
7	100%	10 MIN	2 LUX
8	100%	10 MIN	10 LUX
9	100%	10 MIN	30 LUX
A	100%	10 MIN	DISABLED
B	75%	10 MIN	30 LUX
C	50%	10 MIN	10 LUX
D	100%	30 MIN	50 LUX
E	100%	30MIN	DISABLED
F	100%	5 SEC	2 LUX



CODE	DESCRIPTION	POWER	LUMENS	EFFICACY	WEIGHT
ECOHBSFHF	HIGHBAY SENSOR DAYLIGHT AND MOTION DETECTION	N/A	N/A	N/A	N/A
PRC11	HIGHBAY SENSOR REMOTE CONTROL	N/A	N/A	N/A	N/A

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Ingress protection ratings (IP) Defined by IEC 60598

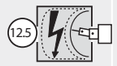
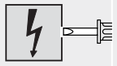
The resistive performance of fittings to solids and liquids is indicated by the IP (Ingress Protection) prefix followed by two numbers.

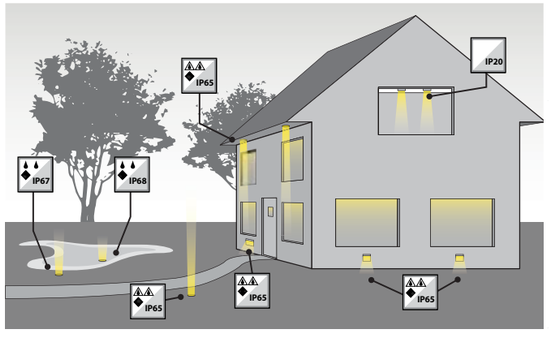
The first number indicates the measure of protection against the ingress of solids. For instance: **IP2X**

The second number indicates the measure of protection against the ingress of liquids. For instance: **IPX5**

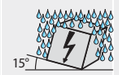
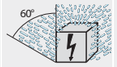
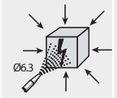
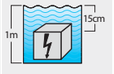
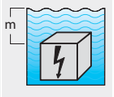
Ingress Protection (IP) Specification Guide

Protection against the ingress of solid objects IP.1X

IP No.	Example	Protection against contact and ingress of objects	Tests	Symbol
IP1X		Protected against solid objects greater than 50mm ø	A large surface of the body, such as a hand (but no protection against deliberate access). Solid objects exceeding 50mm in diameter.	
IP2X		Protected against solid objects greater than 12mm ø	Fingers or similar objects not exceeding 80 mm in length. Solid objects exceeding 12mm in diameter.	
IP3X		Protected against solid objects greater than 2.5mm ø	Tools, wires, etc., of diameter or thickness greater than 2.5mm. Solid objects exceeding 2.5mm in diameter.	
IP4X		Protected against solid objects greater than 1.0mm ø	Wires or strips of thickness greater than 1.0mm. Solid objects exceeding 1.0mm in diameter.	
IP5X		Dust protected	Ingress of dust is not totally prevented but dust does not enter in sufficient quantity to interfere with satisfactory operation of the equipment.	
IP6X		Dust tight	No ingress of dust.	



Protection against the ingress of liquids IP.X1

IP No.	Example	Protection against contact and ingress of water	Tests	Symbol
IPX1		Protected against dripping water	Dripping water (vertically falling drops) shall have no harmful effect	
IPX2		Protected against dripping water when tilted up to 15°	Vertically dripping water shall have no harmful effect when the enclosure is tilted at any angle up to 15° from its normal position	
IPX3		Protected against spraying water	Water falling as a spray at an angle up to 60° from the vertical shall have no harmful effect	
IPX4		Protected against splashing water	Water splashed against the enclosure from any direction hall have no harmful effect	
IPX5		Protected against water jets	Water projected by a nozzle against the enclosure from any direction shall have no harmful effect	
IPX6		Protected against heavy seas	Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities	
IPX7		Protected against the effects of immersion	Ingress of water in a harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time	
IPX8		Protected against submersion	The equipment is suitable for continuous submersion in water under conditions which shall be specified by the manufacturer. NOTE Normally, this will mean that the equipment is hermetically sealed. However, with certain types of equipment, it can mean that water can enter but only in such a manner that it produces no harmful effects.	

IK ratings Defined by UTE 20010

Degree of Impact Protection EN62262.

IK rating system is an International classification showing degrees of protection provided by luminaires against external mechanical impacts.

Number	Measure of protection – impact energy (joules)	Test
	No protection to this standard -	
	0.15	0.20kg impact
	0.20	0.20kg impact
	0.35	0.20kg impact
	0.50	0.20kg impact
	0.70	0.20kg impact
	1.00	0.50kg impact from 200mm
	2.00	0.50kg impact from 400mm
	5.00	1.70kg impact from 295mm
	10.00	5.00kg impact from 200mm
	20.00	5.00kg impact from 400mm

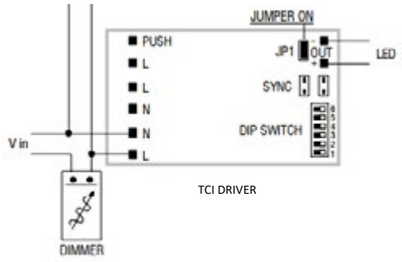
When higher impact energy protection is required 50 joules is recommended.

DIMMING OPTIONS

Understanding the different dimming types is critical to the success of any lighting project.

Phase-Cut Dimming (Trailing Edge/Leading Edge)

The most basic form of dimming, originally developed for incandescent loads. This is your typical domestic type dimmer. No additional wiring other than standard 2C+E. The dimmer simply “chops” or “cuts” the voltage signal going to the light fitting. Dimmer is simply added to the Active line.

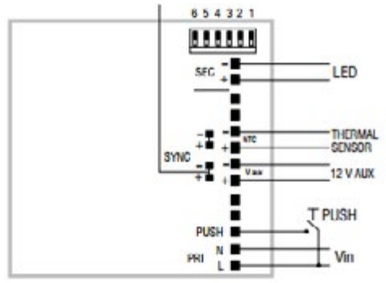


TCI DRIVER

- No extra wiring is required.
- Standard Trailing Edge/Universal Dimmer can be used.
- Available in out-puts ranging from 350mA – 750mA

Push DIM

Is one of the simplest types of dimming available on the market, and is suitable for use in small to medium sized installations. No low voltage cables or no digital controllers are required - Each downlight requires a standard 2C+E plus a 1 or 2 Core Switch wire, a “normally open” type push button switch is required to operate a Push DIM system. Don’t mix different Push DIM drivers on the same circuit.

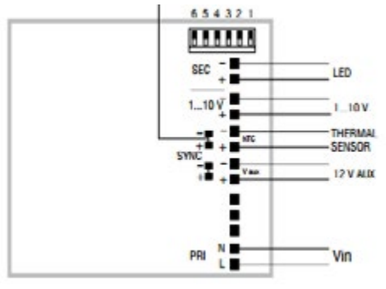


TCI DRIVER

- Additional 1-2 Core Switch wire is required.
- Dimming occurs through the use of a “normally open” type push button switch
- Available in out-puts ranging from 350mA – 1400mA

1-10V Dimming

1-10V (Analogue) Dimming uses an analogue signal rather than a digital signal. It is a universal protocol, so all 1-10V drivers operate in the same manner. Each downlight requires a standard 2C+E plus two control lines to carry the low voltage signal (polarity sensitive). You will also require a potentiometer (or some other 1-10V Dimming controller).

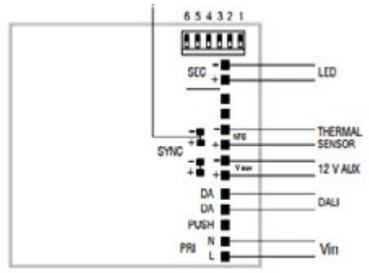


TCI DRIVER

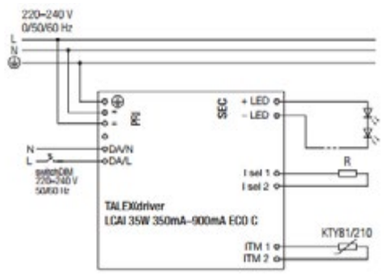
- Additional 2-Core LV control cable is required.
- Dedicated 1-10V interface or potentiometer is required to control this driver
- Available in out-puts ranging from 350mA – 1400mA

DALI

Digital Addressable Lighting Interface – DALI – is a universal protocol (IEC 62386), designed to allow varying manufacturers products to all work on the same system. So it doesn’t matter whose light fitting you are using, if it is DALI it will work on a DALI controlled system. Up to 64 light fittings can be controlled per DALI line, buildings can have multiple DALI lines. Wiring to a DALI downlight requires a standard 2C+E, plus two DALI control lines (not polarity sensitive).



TCI DRIVER

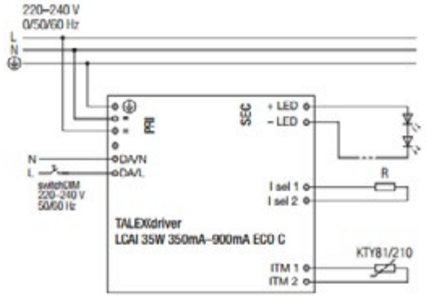


TRIDONIC DRIVER

- Additional 2-Core control cable is required.
- Dedicated DALI interface or Control System is required to control this System
- Available in out-puts ranging from 350mA – 1400mA

DSI

Digital Serial Interface – DSI – is a proprietary protocol of Tridonic. It was largely the precursor to the DALI system. Unlike DALI each fitting is not addressable, so each circuit must be controlled as a whole in the same manner. Again, each downlight requires standard 2C+E plus two DSI control lines (not polarity sensitive).

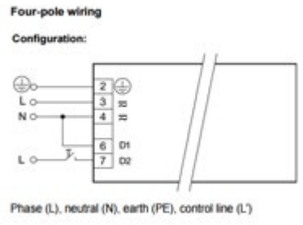


TRIDONIC DRIVER

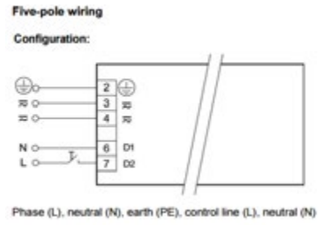
- Additional 2-Core control cable is required.
- Dedicated Control System is required to control this System
- Available in out-puts ranging from 350mA – 1400mA

Switch DIM

Switch DIM is a proprietary term of Tridonic’s, and essentially allows simple dimming through push button control, no low voltage cables or no digital controllers are required - Each downlight requires a standard 2C+E plus a 1 or 2 Core Switch wire, a “normally open” type push button switch is required to operate a Switch DIM system. Don’t mix different Push DIM/Switch DIM drivers on the same circuit.



TRIDONIC DRIVER



TRIDONIC DRIVER

- Additional 1-2 Core Switch wire is required.
- Dimming occurs through the use of a “normally open” type push button switch
- Available in out-puts ranging from 350mA – 1400mA

NOTES

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