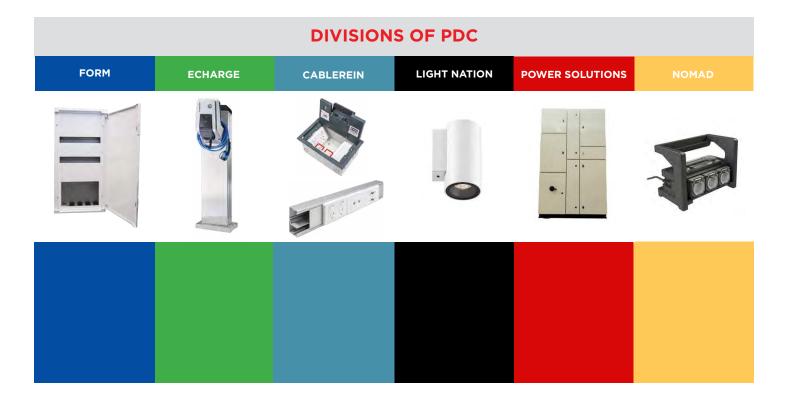


ELECTRICAL ENGINEERED SOLUTIONS









PDC, CHRISTCHURCH



NEW ZEALAND OWNED AND OPERATED



PDC, AUCKLAND





INTRODUCTION

FORM INNOVATIONS is a technology division of PDC equipped with the latest machines for manufacturing of sheetmetal products.





ELECTRIC VEHICLE CHARGING SOLUTIONS



INTRODUCTION

echarge ۲:

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Echarge is a division of PDC, providing premium quality electric vehicle (EV) charging solutions:



PDC is proud to introduce Echarge to support and encourage the use of electric vehicles in New Zealand.

Echarge is committed to making electric vehicle charging safe, convenient and environmentally friendly, with a focus on user experience.



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FEATURES

- A new level of operating convenience, specification and safety at your home or business
- Ideal for use in garages, company car parks and other private and semi-public areas
- Easy cable suspension
- LED operating status display
- Push button, key operated or RFID operation
- Outstanding functionality
- The Premium product range supports the Mennekes charge app that can be used with your smart phone or tablet
- Type 1 or Type 2 charging connection
- Supplied with or without the charging lead
- Charging power up to 22 kW
- Complies with IEC61851-1





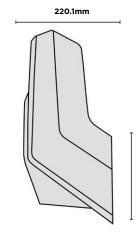




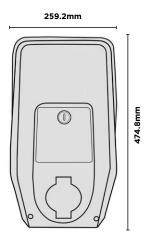


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		EMIUM	PR	NDARD	STA	ART	ST
	nanagement is monitoring and	s where load n an be used for	access for public a ging sites and area red. Charge App ca olling power usage	where authorised char is required. requ	charging w	or private charger cations.	single
	Control	kW Rating	Power Supply	Description	Image	Reference	Code
	Stop Button LED Status	3.7kW	1ph/16A	3.7kW, Type 1 Plug, with 7.5m Cable		Start E 3,7 C1	1350100
	Stop Button LED Status	3.7kW	1ph/16A	3.7kW, Type 2 Plug, with 7.5m Cable		Start E 3,7 C2	1350200
	Stop Button LED Status	11kW 3.7kW	3ph/16A or 1ph/16A	11kW, Type 2 Outlet		Start E 11 T2	1350401
	Control	kW Rating	Power Supply	Description	Image	Reference	Code
	Key Switch Reset Button LED Status	11kW or 22kW 3.7kW or 7.4kW	3ph 16/32A or 1ph 16A/32A	11kW or 22kW, Key Switch, Type 2 Outlet		Standard E 11/22 T2	1358401
	Control	kW Rating	Power Supply	Description	Image	Reference	Code
	Energy Meter Wifi Access RFID Access Charge App	22kW	3ph/32A	22kW, T2 Plug with 7.5m Cable, Energy Meter, Wifi, App, RFID Access	5	Premium E 22 C2	1355252
	Energy Meter Wifi Access RFID Access Charge App	11kW or 22kW 3.7kW or 7.4kW	3ph 16/32A or 1ph 16A/32A	11kW to 22kW, T2, Energy Meter, Wifi, App, RFID Access		Premium E 11/22	1355451
	O 11 ²						

NOTE: All Amtron chargers are required to be protected by a type B RCCB suitable for use with EV charging.



WALL MOUNTED CHARGERS



ACCESSORIES FOR WALL CHARGERS

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Code	Reference	Image	Description	Dimensions
18555	Protective Cover for Wall Mounting Amtrons Material- Stainless Steel		Added Mechanical Protection when Wall Mounting Amtron Charging Units	
18558	Stainless Steel Column	•	Stainless Column for single Amtron Chargers	1330 High x 400 Wide x 220 Deep
18566	Stainless Steel Column for two Charging Units	•	Stainless Column for two Amtron Chargers	1330 High x 400 Wide x 220 Deep
18559	Protective Cover for Column Mounting Amtrons Material- Stainless Steel		Added Mechanical Protection when mounting Amtron Charging Units on a Column	
30712	Amtron RFID Tags		Pack Size 10 pieces	



Energy Meter

Read energy consumption directly on your home charging station.

The operating status of the wallbox is displayed via intuitive LED icons.

*Available on the Amtron Premium Chargers



RFID Cards

Up to 100 users can share access to one or multiple home charging stations via individual RFID cards.

The charge cards are read directly on the device and the list of users can be conveniently managed via the MENNEKES Charge App.

*Available on the Amtron Premium Chargers

ADDITIONAL FEATURES



MENNEKES Charge App

With the Premium Chargers your smartphone or tablet can control your home charging station and provide a complete overview.

*Available on the Amtron Premium Chargers



Key Switch

Use key switch to set continuous or single sessions and shut off.

*Available on the Amtron Standard Chargers

CHARGING LEADS

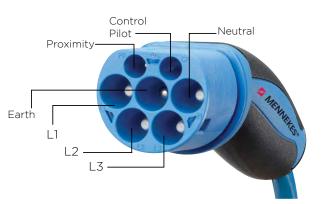
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FEATURES

- Safe operation and high level of reliability
- Suitable for single-phase and three-phase charging
- Complies with IEC 62196-1 and IEC 62196-2
- Crimped and welded contacts ensuring positive contacts under all conditions
- One piece plug without any screws to vibrate apart
- Internal temperature monitoring to ensure no overheating
- Filled plugs for a watertight construction

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Charging Capabilities						
	230V (1Ph)	400V (3Ph)				
16A	3.7kW	11.kW				
32A	7.4kW	22.kW				







Code	Reference	Image	Description	Power Supply	kW Rating	Control
35127	Charging Cable Mode 2, T1	?	16A Single Phase, CEE Plug Type 1 Connector, 8m	1 ph/16A	3.7kW	Inline Charger Current up to 16A
35123	Charging Cable Mode 2, T2	،	16A Single Phase, CEE Plug Type 2 Connector, 8m	1 ph/16A	3.7kW	Inline Charger Current up to 16A
Code	Reference	Image	Description	Power Supply	kW Rating	Control
36283	Charging Cable Mode 3, T2/T1 20A/1ph		Type 2 Plug to Type 1 Connector, 7.5m	1 ph/20A	3.7kW	
36247	Charging Cable Mode 3, T2/T2 32A/3ph		Type 2 Plug to Type 2 Connector, 7.5m	3 ph/32A	22kW	
36246	Charging Cable Mode 3, T2/T2 32A/1ph		Type 2 Plug to Type 2 Connector, 7.5m	1 ph/32A	7.4kW	
36284	Charging Cable Mode 3, T2/T1 32A/1ph	6	Type 2 Plug to Type 1 Connector, 7.5m	1ph/32A	7.4kW	
Code	Reference	Image	Description	Power Supply	kW Rating	Control
VC3/6C	Charging Socket		16A Single Phase, CEE Switched Socket for domestic use	1 ph/16A	3.7kW	For use with Mode 2-in-line chargers 35127 & 35123

CHARGING LEADS

CHARGING LEADS

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TYPE 1



- Comes with standard older Japanese, Korean and a few European cars
- Likely to be superseded in New Zealand by the Type 2 plug and connector in the near future
- The majority of second hand vehicles have Type 1 inlets though this is changing, will become less common
- It is recommended that you check what inlet type your vehicle has before purchasing a charging station or lead



TYPE 2

- Recommended plug and socket type for public and semi public spaces
- NZTA recommended outlet for AC chargers
- Industry norm for new Electric Vehicles in New Zealand. Standard for most European cars and a number of new Japanese cars
- Ideal for domestic installs where the Car Inlet is unknown or likely to change
- Recommended socket and plug for future proofing your installation

NOTE: A charging lead is available that converts from Type 2 to Type 1- Part number 36283.



FEATURES

- This charging column has won the eCarTec Award and the DesignPlus Award
- Each charging column has two Type 2 charging points- up to 22kW each
- It is combined with detailed, intelligent solutions with user-friendly handling
- Automatic load sharing function 22kW x 1 or 11kW x 2
- Intelligent load management on the Smart and Premium versions
- Solid steel construction
- Vehicles are not overcharged due to CP communication box
- Attractive operating panel with integrated display, socket units and an RFID authorisation facility
- Communication via industry standard OCPP
 protocols

	Temperature controlled ventilation system
VEKES®	Heated charging socket (Below 3°)
MENI	Status information via text display
	GPRS modem (Smart) or RS485 ⊷−−−− Bus (Premium)
	Supplied with Phase Protection • Relay
	Complies with IEC- 61851

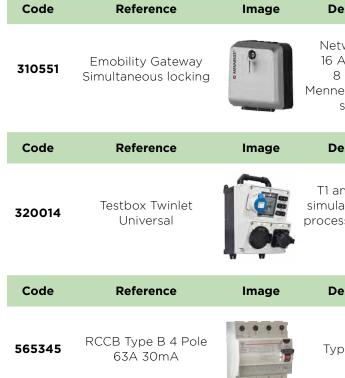
CHARGING COLUMN



CHARGING COLUMN

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Code	Reference	Image	Description	Power Supply	kW Rating	Features	
311510	Charging Column Basic 22 T2	SERIOGN	22kW Type 2 Socket x2 Mode 3 Automatic Power Adjustment	3ph/63A or 3ph/32A	22kW x2 11kW x2 or 22kW x1	Push Button Key Lockable IP44 Fitted with Type B RCDs	START
Code	Reference	Image	Description	Power Supply	kW Rating	Features	
313610	Charging Column Premium 22 T2	SERVICION	22kW Type 2 Socket x2 Mode 3 RFID Automatic Power Adjustment Intelligent load management	3ph/63A or 3ph/32A	22kW x2 11kW x2 or 22kW x1	RFID User Text Display Heated Charging Sockets Network Connection IP44 Fitted with Type B RCDs	PREMIUM
Code	Reference	Image	Description	Power Supply	kW Rating	Features	
319610	Charging Column Smart 22 T2	Name data	22kW Type 2 Socket x2 Mode 3 RFID Automatic Power Adjustment Intelligent load management Built in GPRS (Modem) using OCPP (SIM card Required)	3ph/63A or 3ph/32A	22kW x2 11kW x2 or 22kW x1	RFID User Text Display GPRS Modem/OCPP Heated Charging Sockets IP44 Fitted with Type B RCDs Network Connection	SMART







ACCESSORIES FOR CHARGING COLUMN

ECHARGE

escription	Power Supply	Features
twork up to Amtrons or 3 Columns lekes charging stations	1 ph/0.5A	Communicates with backend via LAN or GSM connection using OCPP protocol. Connection to Mennekes Cloud
escription	Power Supply	Features
and T2 Inlets lates charging ess via external load	1 ph/16A	Checks defective line, rotating field, phase failure, under voltage, PWM signal (via Oscilloscope). Will test all A.C. EV Chargers
escription	Power Supply	Features

pe B RCCB	1ph/63A or	Used to protect EV Chargers. Fit- ted at the Switchboard. Will work
	3ph/63A	with single or 3 phase chargers





CABLEREIN

Cablerein

Cablerein

Cablerein is a division of PDC specialising in cable management and smart wiring including modular wiring, floor boxes, skirting and lighting trunking, service posts, umbilicals and pedestals, floor and overhead service duct and soft wiring.

We work with architects and specifiers on projects across New Zealand, including:









PROJECTS
Auckland Art Gallery
Christchurch Airport
Nelson Airport
University of Canterbury
Event Cinemas - New & Upgrades
Tauranga Crossing
Rolleston School
Novotel Christchurch
Christchurch Library
BP Service Stations
Wakatipu High School
Ao Tawhiti School
St George's Hospital
ARA Institue of Cantebury
Shirley Boys High School

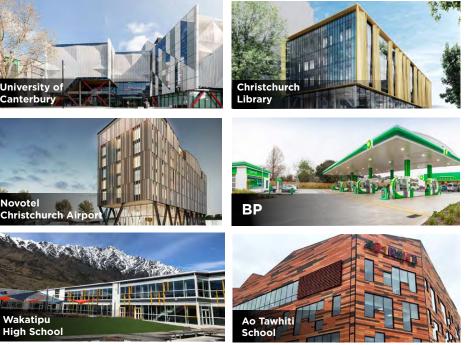












PROJECTS

PRODUCTS

Customised Floor Boxes Customised Floor Boxes Floor Duct and Skirting Trunking Modular Wiring and Skirting Trunking Floor Boxes Floor Boxes Modular Wiring Skirting Floor Boxes Modular Wiring Modular Wiring Modular Wiring Busduct Above Floor Duct Skirting

CABLEREIN



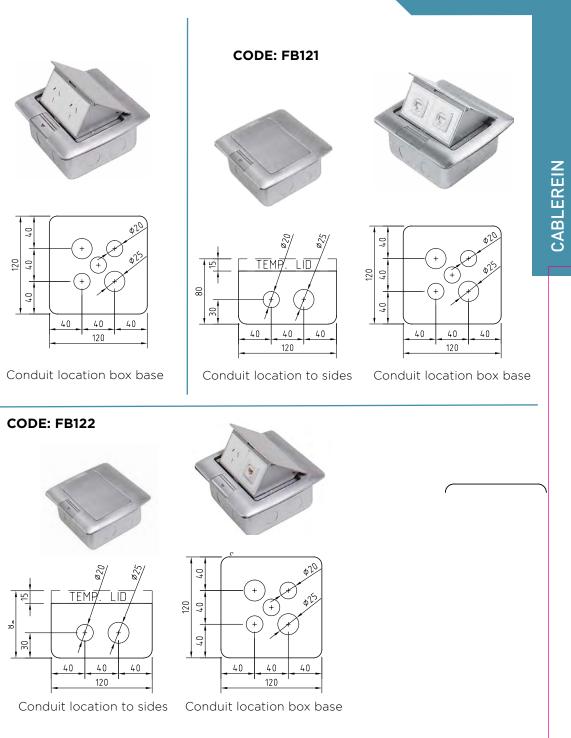
FLOOR BOXES

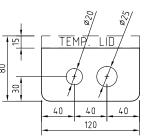


Cablerein

CODE: FB120









Conduit location to sides



CODE	POWER	DATA	BOX SIZE (mm)	LID SIZE (mm)	LID POSITION	LID FINISH	BOX SHAPE
FB120	2 x Auto Switched Socket Outlets	N/A	120 x 120 x 80 (d)	155 x 145	Surface Lid	Satin Alloy	Square
FB121	N/A	2 x Data Mounts	120 x 120 x 80 (d)	155 x 145	Surface Lid	Satin Alloy	Square
FB122	1 x Auto Switched Socket Outlet	1 x Data Mount	120 x 120 x 80 (d)	155 x 145	Surface Lid	Satin Alloy	Square

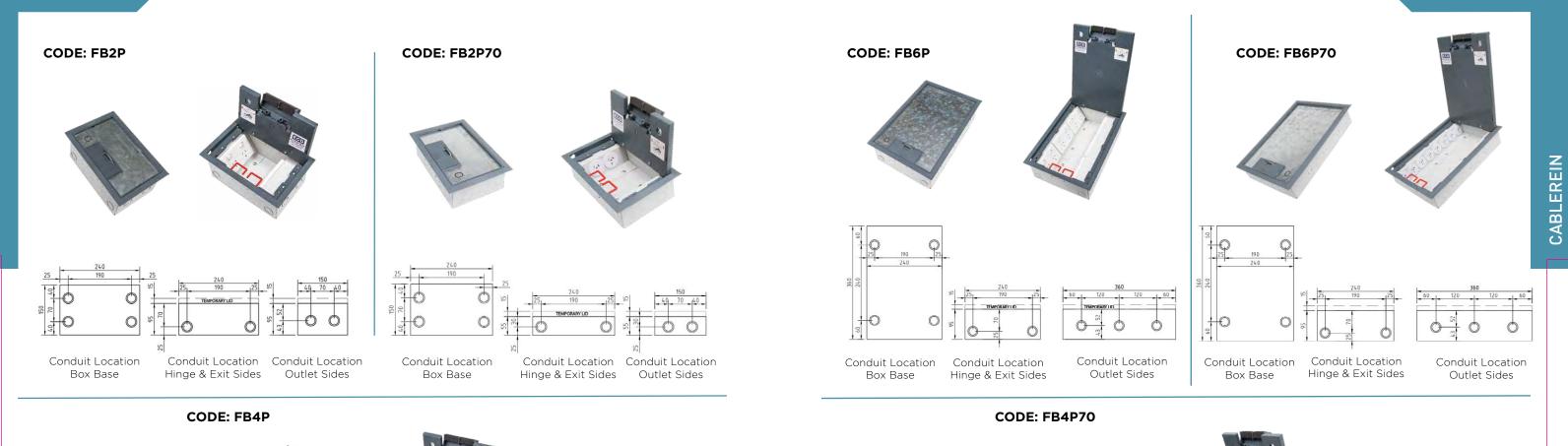
Please refer to www.pdc.co.nz for product specification

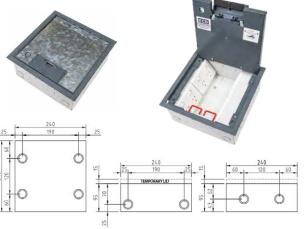
POP - UP FLOOR BOXES

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Cablerein Cablerein

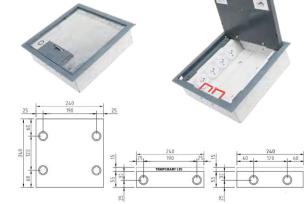




Conduit Location Box Base

Conduit Location Conduit Location Hinge & Exit Sides Outlet Sides

CODE	POWER	DATA	BOX SIZE (mm)	LID SIZE (mm)	LID POSITION	LID FINISH
FB2P	1 x Standard Double Socket Outlet	1 x Standard Double Data Plate	240 x 150 x 110 (d)	266 x 176	Surface Lid	Polyamide Grey 7mm Rebated
FB2P70	2 x Auto Switched Socket Outlets	3 x Data Mounts	240 x 150 x 70 (d)	266 x 176	Surface Lid	Polyamide Grey 7mm Rebated
FB4P	2 x Standard Double Socket Outlet	2 x Standard Double Data Plates	240 x 240 x 110 (d)	266 x 266	Surface Lid	Polyamide Grey 7mm Rebated



Conduit Location Box Base

CODE	POWER	DATA	BOX SIZE (mm)	LID SIZE (mm)	LID POSITION	LID FINISH
FB6P	3 x Standard Double Socket Outlet	3 x Standard Double Data Plate	360 x 240 x 110 (d)	386 x 266	Surface Lid	Polyamide Grey 7mm Rebated
FB6P70	8 x Auto Switched Socket Outlets	8 x Data Mounts	360 x 240 x 70 (d)	386 x 266	Surface Lid	Polyamide Grey 7mm Rebated
FB4P70	4 x Auto Switched Socket Outlets	6 x Data Mounts	240 x 240 x 70 (d)	266 x 266	Surface Lid	Polyamide Grey 7mm Rebated

POLYAMIDE FLOOR BOXES



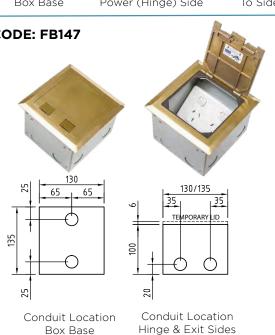
Conduit Location Conduit Location Hinge & Exit Sides

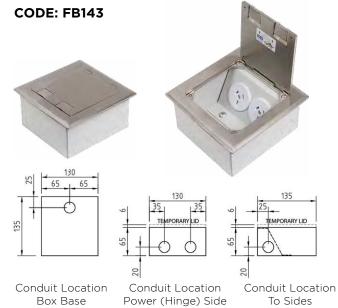
Outlet Sides

COMPACT BRASS AND STAINLESS

Cablerein Cablerein







CODE: FB148 130 65 I 65 £ Conduit Location Conduit Location Hinge & Exit Sides Box Base

CODE	POWER	DATA	BOX SIZE (mm)	LID SIZE (mm)	LID POSITION	LID FINISH
FB142	2 x Auto Switched Socket Outlets	N/A	135 x 130 x 65 (d)	145 x 145	Surface Lid	Brass
FB143	2 x Auto Switched Socket Outlets	N/A	135 x 130 x 65 (d)	145 x 145	Surface Lid	Stainless
FB147	1 x Standard Double Socket Outlet	1 x 3-Gang Architrave Data Plate	135 x 130 x 100 (d)	145 x 145	Surface Lid	Brass
FB148	1 x Standard Double Socket Outlet	1 x 3-Gang Architrave Data Plate	135 x 130 x 100 (d)	145 x 145	Surface Lid	Stainless



CODE: FB130



CODE	POWER	DATA	BOX SIZE (mm)	LID SIZE (mm)	LID POSITION	LID FINISH
FB149	1 x Standard Double Socket Outlet	1 x 3-Gang Architrave Data Plate	135 x 130 x 100 (d)	150 x 150 x 20mm Deep Recess	Flush Lid	Stainless 20mm Rebated
FB175	1 x Standard Double Socket Outlet	1 x 3-Gang Architrave Data Plate	125 x 125 x 110 (d)	175 Ø	Surface Lid	Stainless
FB130	1 x Auto Switch GPO	N/A	95 x 53	130 diameter	Surface	Stainless
FB130LF* (Note: Lid Only)	1 x Auto Switch GPO	N/A	N/A	130 diameter	Surface	Stainless

Please refer to www.pdc.co.nz for product specification

COMPACT STAINLESS

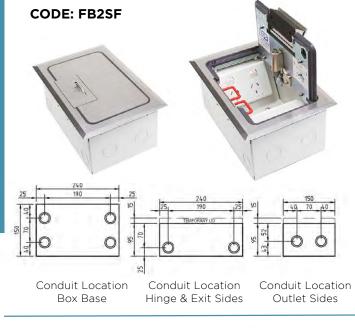


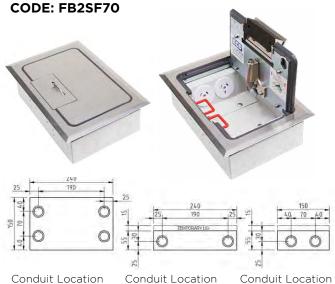
CABLEREIN

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PROTECTOR STAINLESS SERIES

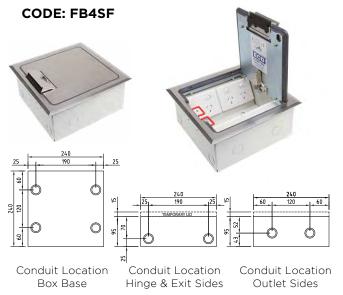
Cablerein Cablerein

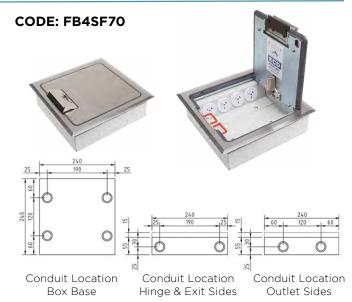




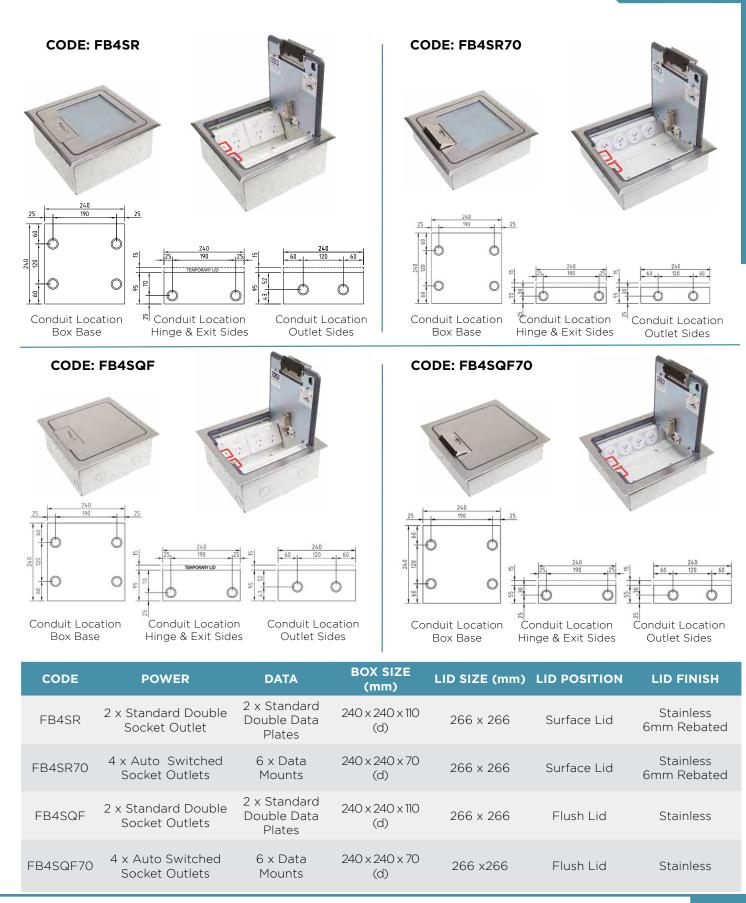
Box Base Hinge & Exit Sides

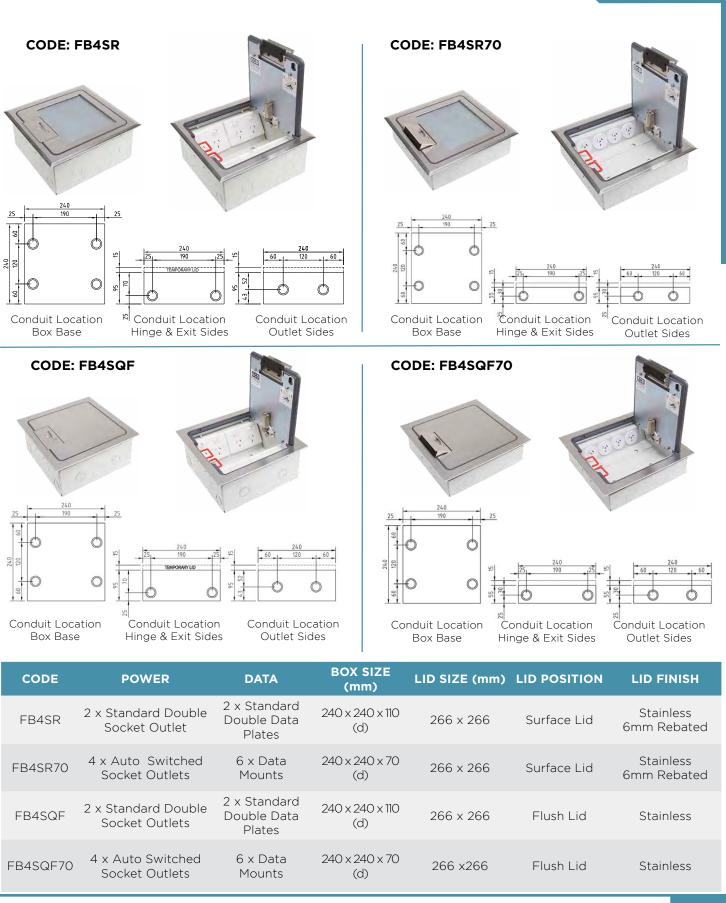
Outlet Sides





CODE	POWER	DATA	BOX SIZE (mm)	LID SIZE (mm)	LID POSITION	LID FINISH
FB2SF	2 x Standard Double Socket Outlet	2 x Standard Double Data Plates	240 x 150 x 110 (d)	266 x 176	Surface	Stainless
FB2SF70	2 x Single Auto Switched Socket Outlets	3 x Data Mounts	240 x 150 x 70 (d)	266 x 176	Surface	Stainless
FB4SF	2 x Standard Double Socket Outlets	2 x Standard Double Data Plates	240 x 240 x 110 (d)	266 x 266	Surface	Stainless
FB4SF70	4 x Single Auto Switched Socket Outlets	6 x Data Mounts	240 x 240 x 70 (d)	266 x266	Surface	Stainless





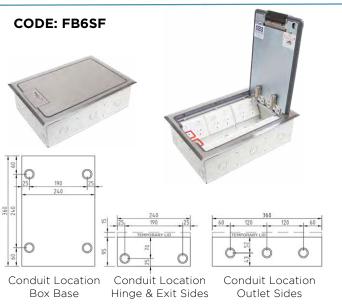
CODE	POWER	DATA	BC
FB4SR	2 x Standard Double Socket Outlet	2 x Standard Double Data Plates	240
FB4SR70	4 x Auto Switched Socket Outlets	6 x Data Mounts	240
FB4SQF	2 x Standard Double Socket Outlets	2 x Standard Double Data Plates	240
FB4SQF70	4 x Auto Switched Socket Outlets	6 x Data Mounts	240

PROTECTOR STAINLESS SERIES

Cablerein Cablerein

ROUND PROTECTOR STAINLESS CODE: FB5SF

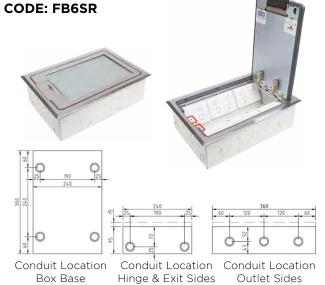




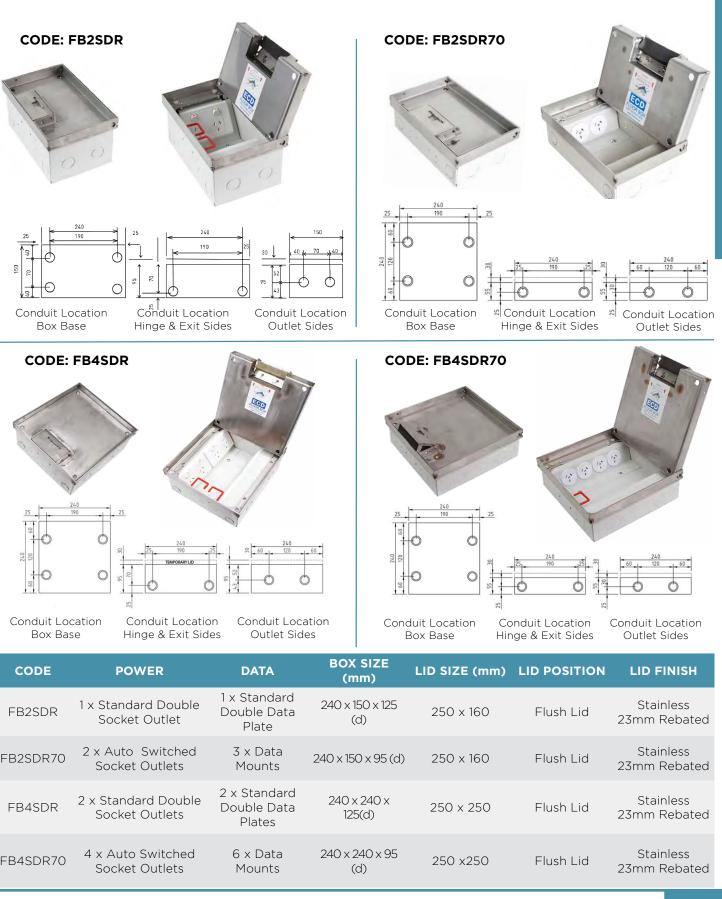


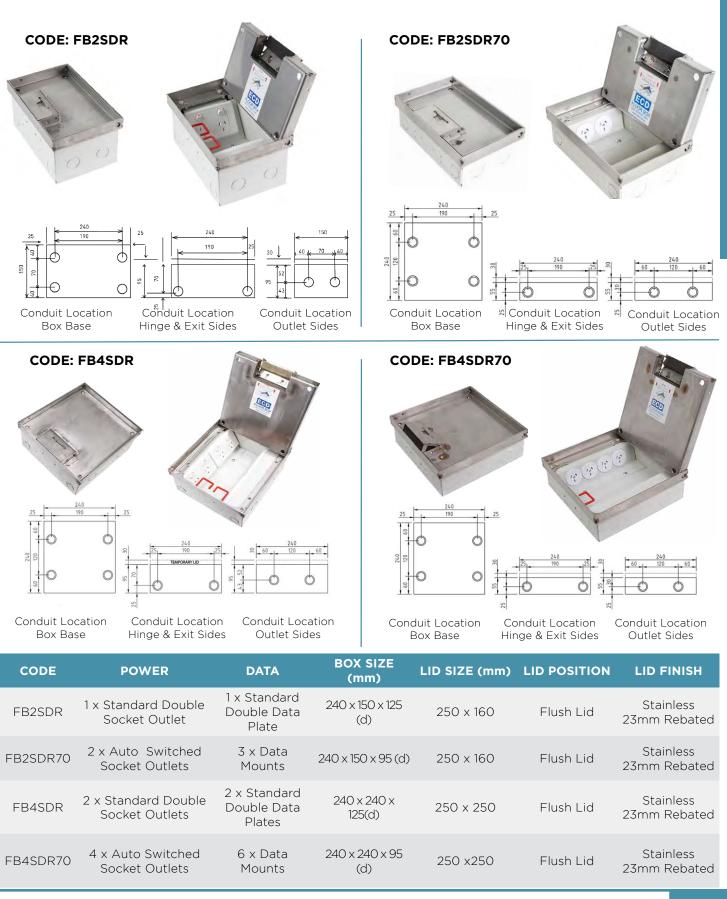
ROUND PROTECTOR STAINLESS

CODE: FB5SR



CODE	POWER	DATA	BOX SIZE (mm)	LID SIZE (mm)	LID POSITION	LID FINISH
FB5SF	2 x Standard Double Socket Outlets	2 x Standard Double Data Plates	298 dia x 110 (d)	325 dia	Surface	Stainless
FB5SR	2 x Standard Double Socket Outlets	2 x Standard Double Data Plates	298 dia x 110 (d)	325 dia	Surface	Stainless 6mm Rebated
FB6SF	3 x Standard Double Socket Outlets	3 x Standard Double Data Plates	360 x 240 x 110 (d)	386 x 266	Surface Lid	Stainless
FB6SR	3 x Standard Double Socket Outlets	3 x Standard Double Data Plates	360 x 240 x 110 (d)	386 x266	Surface Lid	Stainless 6mm Rebated





CODE	POWER	DATA	B
FB2SDR	1 x Standard Double Socket Outlet	1 x Standard Double Data Plate	240
FB2SDR70	2 x Auto Switched Socket Outlets	3 x Data Mounts	240>
FB4SDR	2 x Standard Double Socket Outlets	2 x Standard Double Data Plates	24
FB4SDR70	4 x Auto Switched Socket Outlets	6 x Data Mounts	240

Please refer to www.pdc.co.nz for product specification

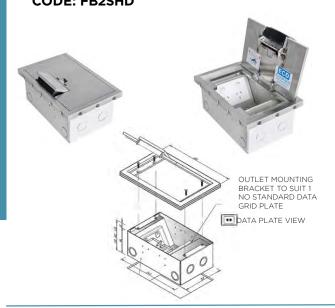
Please refer to www.pdc.co.nz for product specification

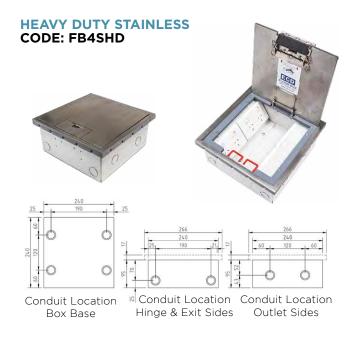
DEEP REBATE STAINLESS

STAINLESS SERIES

Cablerein Cablerein

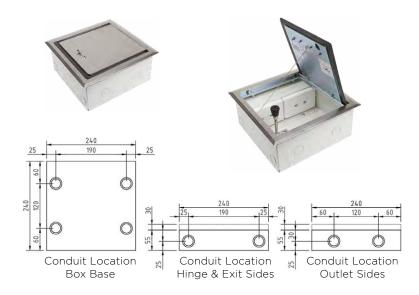
HEAVY DUTY STAINLESS CODE: FB2SHD







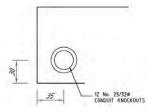
3-SIDED CABLE EXIT STAINLESS CODE: FB4MU



CODE	POWER	DATA	BOX SIZE (mm)	LID SIZE (mm)	LID POSITION	LID FINISH
FB2SHD	1 x Auto Switched Socket Outlet	1 x Standard Double Data Plate	240 x 150 x 40 (d)	266 x 185	Flush Lid	Stainless
FS4SHD	2 x Standard Double Socket Outlets	2 x Standard Double Data Plates	240 x 240 x 110 (d)	266 x 266	Flush Lid	Stainless
FB4MU	2 x Standard Double Socket Outlets	2 x Standard Double Data Plates	240 x 240 x 110 (d)	266 x 266	Surface Lid	Stainless

ALUMINUM ROUND CODE: FB599





TYPICAL CONDUIT LOCATION & SIZE

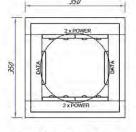
CODE	POWER	DATA	BOX SIZE (mm)	LID SIZE (mm)	LID POSITION	LID FINISH
FBIP2P2DNC	2 x Auto Switched Sockets	2	130 dia x 100 (d)	266 x 185	Surface	Nickel
FFOB-290/10	2 x IP Rated AS/NZ Style Socket Outlets	N/A	240 x 240 x 145 (d)	266 x 266	Surface	Stainless
FB599	4 x Standard Double Socket Outlets	2 x Standard Double Data Plates	350 x 350 x 115 (d)	260 Ø	Surface Lid	Cast Aluminium 5mm Rebated

Please refer to www.pdc.co.nz for product specification

IP RATED | ALUMINUM ROUND







FLOOR BOX PLAN

A division of

ABOVE FLOOR BOXES

CODE: AFB20SS

Cablerein

CODE: AFB20/2SS

. -**CODE: AFB70SS** CODE: AFB3510A2DBK 11 **BOX SIZE** LID SIZE LID POWER DATA LID FINISH CODE (mm) (mm) POSITION 1 x Standard 1 x Standard Double AFB20SS Double Data 110 x 125 x 110 (d) N/A N/A Stainless Socket Outlet Plate 2 x Standard 2 x Standard Double AFB20/2SS Double Data 110 x 250 x 110 (d) N/A N/A Stainless Socket Outlets Plates 1 x Double Socket 5 x Data AFB70SS 165 x 110 x 65(d) N/A N/A Stainless Outlets Mounts 1 x Auto Switched 2 x Data Powder Coat AFB3510A2DBK 160 x 127 x 50 (d) N/A N/A Socket Outlets Mounts



Please refer to www.pdc.co.nz for product specification

Black



CABLEREIN

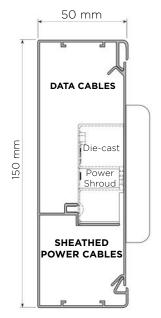
SKIRTING TRUNKING

Cablerein Cablerein

CODE: EL15050C



CAPACITY @ 40%	TOTAL AREA MM ²	CABLES 2.5MM	CABLES 4.0MM	
POWER	2117	16	8	
DATA (without power shroud fitted)	4300	CABLES CAT 5E 88	CABLES CAT 6 52	CABLES CAT 6A 33
DATA (with power shroud fitted)	2965	61	36	22



CODE: EL20050C



	CAPACITY @ 4	40%	TOTAL AREA MM²	CABLES 2.5MM
	POWER		3315	25
	DATA (without powers shroud fitted)		5500	CABLES CAT 5E
	shroud nite	u)		135
	DATA (with po shroud fitte		4165	85
	MATERIAL	SIZ	E POWE	R/DATA
Ext	ruded Aluminium	200 x mm		Mounted d Outlets

MATERIAL	SIZE	POWER/DATA	COLOURS	COMPARTMENTS
Extruded Aluminium	150 x 50 mm	Centre Mounted Standard Outlets	White, Black & Grey (Other powder coat colours available on request)	Two

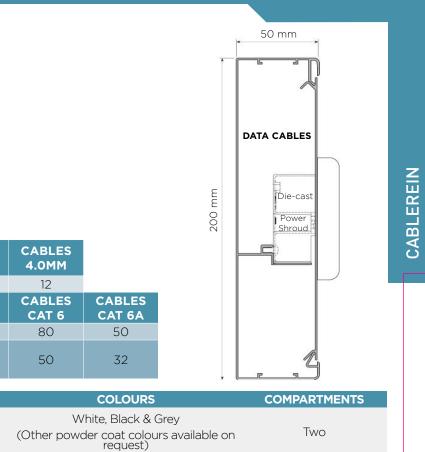
CODE: EL15075C



MATERIAL	SIZE	POWER/DATA	COLOURS	COMPARTMENTS
Extruded Aluminium	150 x 75 mm	Centre Mounted Standard Outlets	White, Black & Grey (Other powder coat colours available on request)	Two



SKIRTING TRUNKING



A division of

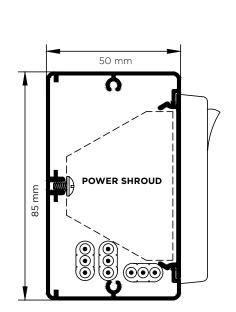
SKIRTING/WALL TRUNKING

Cablerein Cablerein

CODE: WD8550



CAPACITY @ 40%	CABLES 2.5MM	CABLES 4.0MM	
POWER	25	12	
DATA	CABLES CAT 5E	CABLES CAT 6	CABLES CAT 6A
DAIA	75	44	26





MATERIAL	SIZE	POWER/DATA	COLOURS	COMPARTMENTS
Extruded Aluminium	85 x 50 mm	Centre Mounted Standard Outlets	White, Black & Grey (Other powder coat colours available on request)	One

MATERIAL	SIZE	LIGH ⁻
Extruded Aluminium	60 x 50 mm	Centre

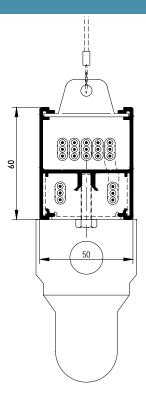
CODE: WD8550/2



85 mm	
Ţ.	Power CABLES (SHEATHED)

MATERIAL	SIZE	POWER/DATA	COLOURS	COMPARTMENTS
Extruded Aluminium	85 x 50 mm	Centre Mounted Standard Outlets	White, Black & Grey (Other powder coat colours available on request)	Two

LIGHTING TRUNKING



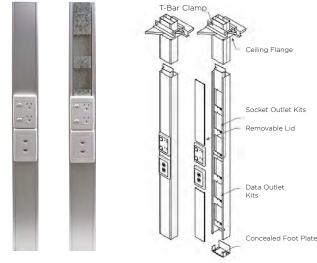
IT FIITING

COLOURS

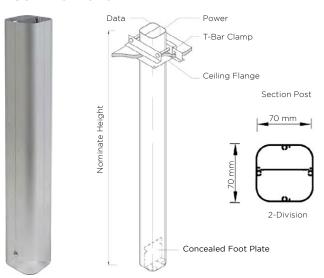
White, Black & Grey (Other powder coat colours available on request)

Cablerein

CODE: SP5085/6K



CODE: SP7020

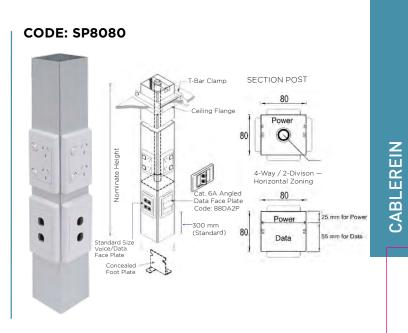


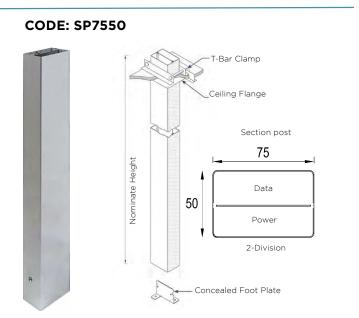
CODE	HEIGHT	SIZE (mm)	SUITABLE FOR	SHAPE
SP5085/ 6K	3m (up to 6.5m)	85 x 50 mm	CAT 6A	Rectangular
SP8080	3m (up to 6m)	80 x 80 mm	CAT 6A	Square
SP7020	3m (up to 6.5m)	70 X 70 mm	CAT 6A	Square-round
SP7550	3m (up to 6.5m)	75 X 50 mm	CAT 6A	Rectangular
NOMINATE C	OLOUR White, Gr	ey and Black	Cutouts for Power & Data a	available on request

SERVICE POSTS, UMBILICALS, AND BENCH PEDESTALS

.

SERVICE POSTS

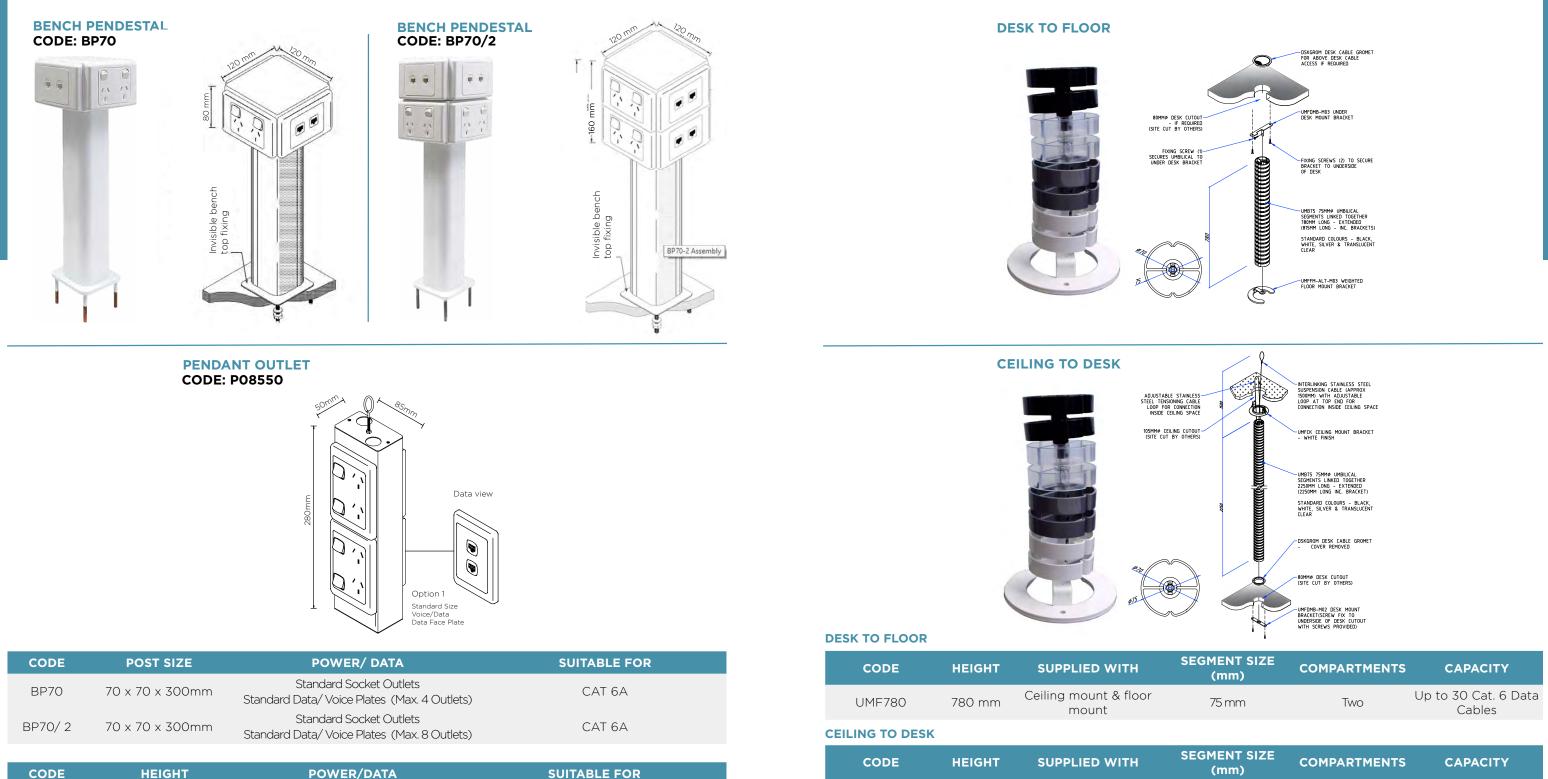




*Powder coat colours available on request

BENCH PEDESTAL | PENDANT OUTLET

Cablerein Cablerein



CODE	н	IEIGHT	POWER	/DATA	SUITABLE FOR
P08550		nominated ard 280mm)	Standard Soc Standard Data/		CAT 6A
	COLOUR	White, Grey	/ and Black	Cutouts	for Power & Data available on request
					*Powder cost colours sysilable on request

*Powder coat colours available on request

44 A division of

Please refer to www.pdc.co.nz for product specification

Please refer to www.pdc.co.nz for product specification

2200 mm

UMF2200DM

NOMINATE COLOUR

UMBILICAL

(mm)		
75 mm	Two	Up to 30 Cat. 6 Data Cables

White, Silver, Black and Translucent

Ceiling mount & floor

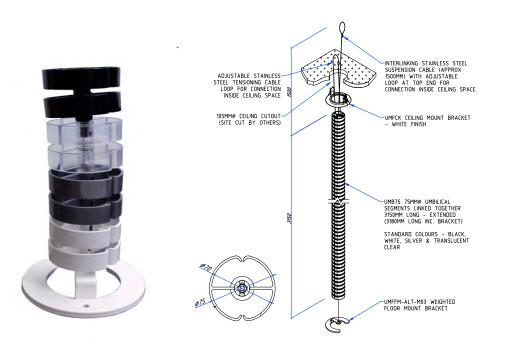
mount

*Powder coat colours available on request

UMBILICAL

Cablerein

CEILING TO FLOOR



CEILING TO FLOOR

CODE	HEIGHT	SUPPLIED WITH	SEGMENT SIZE (mm)	SUITABLE FOR	CAPACITY
UMF3000FM	3180 mm	Ceiling mount & floor mount	75 mm	CAT 6A	Up to 30 Cat. 6 Data Cables
UMF4000FM	4080 mm	Ceiling mount & floor mount	75 mm	CAT 6A	Up to 30 Cat. 6 Data Cables
UMF5000FM	4980 mm	Ceiling mount & floor mount	75 mm	CAT 6A	Up to 30 Cat. 6 Data Cables
UMF6000FM	6000 mm	Ceiling mount & floor mount	75 mm	CAT 6A	Up to 30 Cat. 6 Data Cables

NOMINATE COLOUR

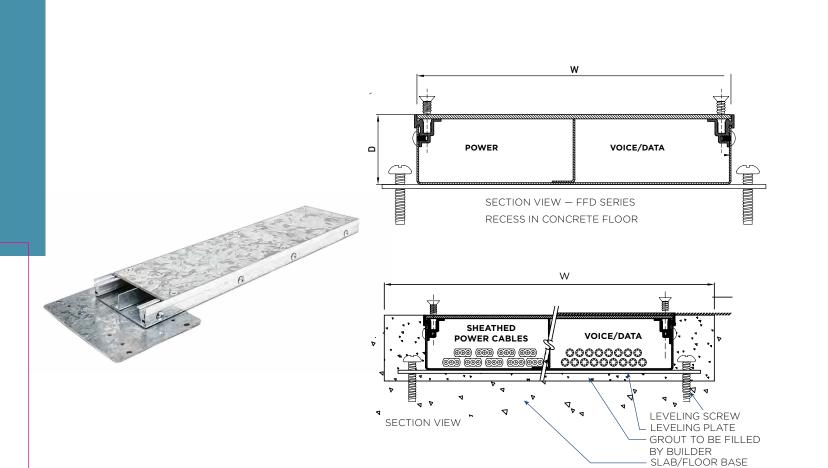
White, Silver, Black and Translucent

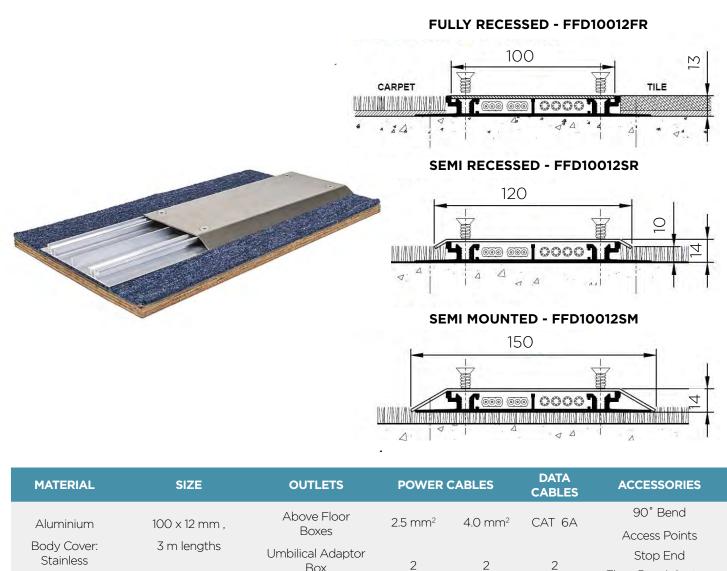
*Powder coat colours available on request

FLOOR AND OVERHEAD SERVICE DUCT

CABLEREIN

Cablerein Cablerein





FFD SERIES

ST/	ANDARD SIZE RANGE	ACCESSORIES	
CODE	DUCT SIZE (WXD)	RECESS SIZE	Crossover Junction Tee Junction
			90° Bend
FFD 11535	115 x 35 mm	190 x 45 mm	
FFD 22535	225 x 35 mm	300 x 45 mm	Access Ports
FFD 22550	225 x 50 mm	300 x 60 mm	Stop Ends
FFD 35065	350 x 65 mm	420 x 75 mm	Above Floor Boxes

MATERIAL	SIZE	OUTLETS
Aluminium Body Cover: Stainless	100 x 12 mm , 3 m lengths	Above Floor Boxes Umbilical Adapt Box

MATERIAL	OPTIONS	
Galvanised steel body and lid / aluminium trim	Heavy duty 5 mm lid available / vinyl lid trid available	

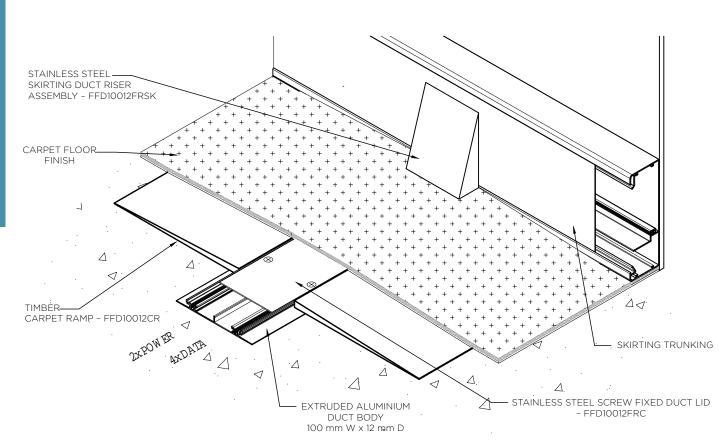
ABOVE FLOOR DUCT LOW PROFILE

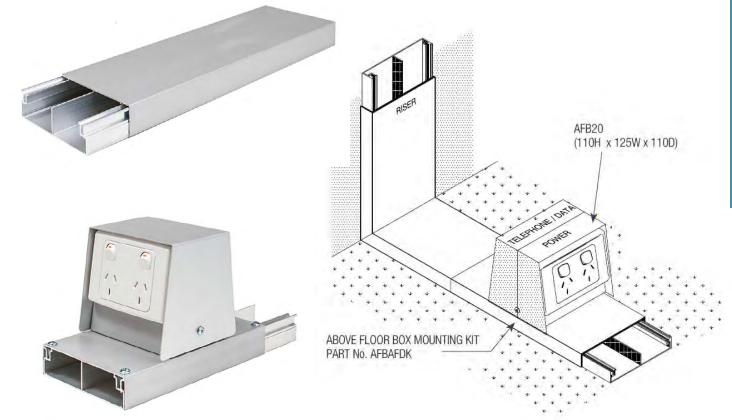
49

Floor Box Adaptors

CABLEREIN

Cablerein Cablerein







FFD10012DCR

MATERIAL	SIZE	OUTLETS	POWER CABLES	DATACABLES
Aluminium	100 x 12 mm ,	Above Floor Boxes	2.5 mm ²	4.0 mm ²
Body Cover: Stainless	3 m lengths	Umbilical Adaptor Box	2	2

AFD35

MATERIAL	SIZE	COLC
Extruded Aluminium	127 x 32 mm	Natural Ar

ABOVE FLOOR DUCT

OUR

OUTLETS

nodised

Above Floor Box

ACCESSORIES

CABLEREIN

Stop end Floor mounting kit

Cablerein



SHEATHED LIGHTING CABLES UNDERSIDE OF SLAD SHEATHE POWER CABLES SURFACE MOUNTED SECTION

126 mm

OSD12650

MATERIAL	SIZE	COLOUR	OUTLETS	ACCESSORIES
Extruded Aluminium	126 x 50 mm	White (Other powder coat colours available on request)	Intermediate Size Power Intermediate Size Data	Surface Mounted

Please refer to www.pdc.co.nz for product specification



MODULAR WIRING FOR LIGHTING 3 AND 5 PIN RANGE

Cablerein Cablerein

CODE

CODE	LENGTH (M)	DESCRIPTION
T20/5	N/A	Hardwired Outlet and a Junction Box.
ST2003	0.3	
ST2020	2	Fly-lead, 20A, 2.5 mm 2C+E Cable with Standard Adapter (S) module
ST2030	3	and an Outlet (T) module.
ST2040	4	
ST2050	5	
ST2010	1	S3-Pin Lead, 20A, 1m, 2C+E x 2.5mm, S&T modules, White
ST2000	8	S3-Pin Lead, 20A, 8m, 2C+E x 2.5mm, S&T modules, White

CODE	LENGTH (M)	DESCRIPTION
AT2020	2	Fly-lead, 20A, 2.5 mm 2C+E Cable
AT2030	3	with an Adapter (A) module and
AT2040	4	an Outlet (T) module.
AT2050	5	

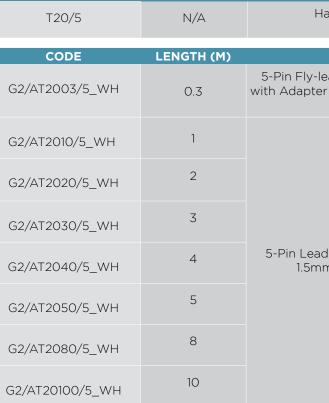
CODE	LENGTH (M)	DESCRIPTION
S20	N/A	Standard Adapter (S) module
L1018	1.8	10 Amp Luminaire Lead











LENGTH (M)

LUMINAIRE LEADS

CODE	LENGTH (M)	
L1018/5S_BK	1.8	Ar
L1025/5S_BK	2.5	
STACK_LA1025/5S_BK	2.5	Stacl with N

ACCESSORIES

CODE	LENGTH (M)	
MP20/5	N/A	5-Pin 1 Ou
STAKA/6	N/A	STAKA Moc of 4 or more

5 PIN PRODUCT RANGE

DESCRIPTION

Hardwired Outlet and a Junction Box

DESCRIPTION

5-Pin Fly-lead, 20A, 2.5mm 4C+E Cable with Adapter (A) module and an Outlet (T) module



CABLEREIN



5-Pin Lead, 20A, 2C+E x 2.5mm + 2Cx 1.5mm, A&T Modules, White

DESCRIPTION

5-Pin 10 mp Luminaire Lead

5-Pin 10 Amp Luminaire Lead

5-Pin 10 Amp kable Luminaire Lead Male Adapter (A) only



DESCRIPTION

Mounting Plate to suit utlet (T/5) module

dule enables the connection light fittings back to a single connection point

Cablerein

STARTER SOCKETS

CONNECTOR LEADS

TEE COUPLER

CONNECTOR LEAD THERMAL OVERLOAD

POWER MODULES

SOFT WIRING AND ACCESSORIES

CABLE BASKETS

POWER AND DATA RAIL

IN DESK BOXES



Please refer to www.pdc.co.nz for product specification

SOFT WIRING AND ACCESSORIES

















CABLEREIN

A division of





NATION

INTRODUCTION





Light Nation's diverse product range enables us to provide lighting solutions for a wide variety of projects over many sectors. These include the marine and boating industry, health and well-being, residential, urban environments, musuems, galleries, and general commercial.

Our partners are recognised globally as being pioneers in their particular field. Their commitment to quality and service is an inspiration to us and we aim to support them at the highest level.







Darkon architectural lighting specialises in linear aluminium extrusion profiles and architectural downlights, as well as manufacturing DEAN PHILIPS decorative lighting.

Darkon is heavily invested in research and development, delivering customised solutions for diverse project requirements with short lead times.

The product design process is driven by a universal design philosophy which accommodates the ability to interchange mounting applications across product families and facilitate backwards integration of generational upgrades in electrical technology.

For more details please visit the website: www.darkon.com.au



NATION



NAME: HIP SM FINISH: white / black / silver / custom LAMP: tridonic stark LLE24 HE / HO g4 WATTAGE / LUMEN P/MTR:

76

68

46

69

min: HE 350mA: 16.9W p/mtr

1,646lm p/mtr max: HO 500mA:

45.8W p/mtr

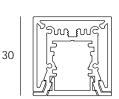
4,272lm p/mtr **LENS:** opal v / combo deglaring / combo asymmetrical / combo focus **COLOUR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** sm / sus **INGRESS RATING:** IP22 / IP55



NAME: GRAZER SM FINISH: white / black / silver / custom LAMP: Dpal 20 / 60 24V flexible led tape tridonic stark LLE116 HE g4 WATTAGE / LUMEN P/MTR: min: Dpal 20: p/mtr 7.8W 313lm p/mtr

max: 500mA LLE16 HE: 35.4W p/mtr 2,747lm p/mtr LENS: opal v

COLOUR TEMP: 3000K / 4000K **DIMMING:** Dpal: Dali / Switch Dim lle16: Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** rec / sm / sus DRIVER: remote driver required



30



NAME: WYN IP22 SM FINISH: white / black / custom LAMP: tridonic stark LLE16 HE/HOg4 WATTAGE / LUMEN P/MTR: min: HE 350mA: 26.9W p/mtr 2,050lm p/mtr max: HO 500mA: 52.5W p/mtr 3,640lm p/mtr LENS: asymmetrical light distribution **COLOUR TEMP: 3000K / 4000K DIMMING:** Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** rec / sm

INGRESS RATING: IP22 / IP44





NAME: SLIM C CUBED SM

FINISH: white / black / silver / custom LAMP: tridonic stark LLE24 HE / HO g4 WATTAGE / LUMEN P/MTR:

min: HE 350mA: 16.9W p/mtr

1,356lm p/mtr max: HO 500mA:

47.0W p/mtr 3.525lm p/mtr LENS: opal v

COLOR TEMP: 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** sm / sus

NAME: SLIM C IP SM FINISH: white / black / custom **LAMP:** tridonic stark LLE24 HE / HO g4 WATTAGE / LUMEN P/MTR: min: HE 350mA: 16.9W p/mtr 1,414lm p/mtr max: HO 500mA: 45.8W p/mtr 3,665lm p/mtr **LENS:** opal v / combo deglaring / combo asymmetrical

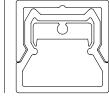
COLOR TEMP: 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** sm / sus **INGRESS RATING:** IP22 / IP55

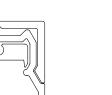


NAME: SUPER MINI GRAZER FINISH: white / black / silver /

custom LAMP: Dpal 40 24V flexible LED tape WATTAGE / LUMEN P MTR: 14.1W / 590lm p/mtr LENS: opal **COLOR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim MOUNTING OPTIONS: sm

INGRESS RATING: IP22 DRIVER: remote driver required



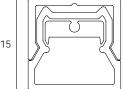


15



62





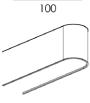
LINEAR SURFACE



NAME: MRS. T SOFT FLUSH-LENS SM FINISH: white / black / custom **LAMP:** tridonic stark LLE24 HE/HOg4 WATTAGE / LUMEN P/MTR: min: HE 350mA: 16.9W p/mtr 1,276lm p/mtr max: HO 500mA: 45.2W p/mtr 3,307lm p/mtr

LENS: opal v**COLOUR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** sm / sus / up / wall



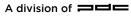


LIGHT NATION



15





63



<u>l</u>GHT



NAME: MRS. T RADII SUS FINISH: white / black / custom LAMP: tridonic stark LLE24 HE / HO g4 WATTAGE / LUMEN P/MTR: min: HE 350mA: 16.9W p/mtr 1,276lm p/mtr max: HO 500mA: 45.2W p/mtr 3,307lm p/mtr LENS: opal v **COLOR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch

127

76

69

100

Dim

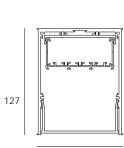
MOUNTING OPTIONS: sm / sus **INGRESS RATING: IP22**



NAME: MRS. T SOFT FLUSH-LENS SUS **FINISH:** white / black / custom **LAMP:** tridonic stark LLE24 HE / HO q4 WATTAGE / LUMEN P/MTR: min: HE 350mA: 16.9W p/mtr 1,276lm p/mtr max: HO 500mA: 45.2W p/mtr 3,307lm p/mtr LENS: opal v **COLOR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim

MOUNTING OPTIONS: sm / sus / up

INGRESS RATING: IP22



100



NAME: GRAZER LED SUS FINISH: white / black / silver / custom LAMP: Dpal 20 / 60 24V flexible LED tape tridonic stark LLE16 HE g4 WATTAGE / LUMEN P/MTR: min: 24V Dpal 20:

7.8W p/mtr 313lm p/mtr max: 500mA LLE16 HE: 35.4W p/mtr 2,747lm p/mtr

LENS: opal v **COLOUR TEMP:** 3000K / 4000K DIMMING: Dpal: Dali / Switch Dim LLE16: Dali / Dsi / Switch Dim DRIVER: remote driver required



NAME: MINI SKIRT SUS

FINISH: white / black / silver / custom LAMP: tridonic stark LLE24 HE / HO q4 WATTAGE / LUMEN P/MTR: min: HE 350mA: 16.0W p/mtr 1,243 lm p/mtr max: HO 500mA:

47.2W p/mtr 3,313 lm p/mtr **COLOR TEMP:** 3000K / 4000K LENS: opal v /combo deglaring / combo asymmetrical DIMMING: Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** sus **INGRESS RATING:** IP22

30



118



42







NAME: HIP SUS FINISH: white / black / silver / custom LAMP: tridonic stark LLE24 HE /HO q4 WATTAGE / LUMEN P/MTR: min: HE 350mA: 16.9w p/mtr 1,646lm p/mtr

max: HO 500mA: 45.8w p/mtr 4,272lm p/mtr LENS: opal v / combo deglaring / combo asymmetrical / combo focus **COLOR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim



LAMP: tridonic stark LLE24 HE / HO q4 WATTAGE / LUMEN P/MTR:

min: HE 350mA: 16.9w p/mtr

1,276lm p/mtr max: HO 500mA:

> 45.2w p/mtr 3,307lm p/mtr

LENS: opal v **COLOR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim MOUNTING OPTIONS: sm / sus / up **INGRESS RATING: IP22 / IP55**



127

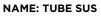
Series and a





LINEAR SUSPENDED





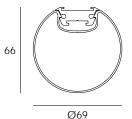
FINISH: white / black / silver / custom **LAMP:** tridonic stark LLE16 HE g4 WATTAGE / LUMEN P/MTR:

min: HE 350mA: 23.4W p/mtr 2,933lm p/mtr

max: HE 500mA: 34.6W p/mtr 3,991lm p/mtr

LENS: opal v **COLOUR TEMP: 3000K / 4000K DIMMING:** Dali / Switch Dim

MOUNTING OPTIONS: sm / sus **INGRESS RATING:** IP44 **DRIVER:** remote driver required



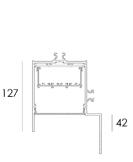




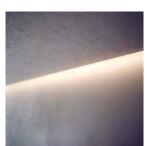
<u>l</u>GHT NATION



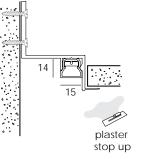
NAME: EDGE FINISH: white LAMP: tridonic stark LLE24 HE / HO g4 WATTAGE / LUMEN P/MTR: min: HE 350mA: 17.0W p/mtr 1,377lm p/mtr max: HO 500mA: 45.5W p/mtr 3,582lm p/mtr LENS: opal v / combo deglaring / combo asymmetrical **COLOUR TEMP:** 3000K / 4000K DIMMING: Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** rec



123



NAME: SUPER MINI EDGE FINISH: white / black / silver / custom LAMP: Dpal40 24V flexible LED tape WATTAGE / LUMEN P/MTR: 14.1W / 590lm p/mtr LENS: opal **COLOUR TEMP: 3000K / 4000K DIMMING:** Dali / Dsi / Switch Dim **MOUNTING OPTIONS: rec DRIVER:** remote driver required





NAME: SLIM TRIM FINISH: white / black / silver / custom LAMP: tridonic stark LLE24 HE / HO q4 WATTAGE / LUMEN P/MTR: min: HE 350mA: 16.3W p/mtr 1,304lm p/mtr max: HO 500mA: 46.3W p/mtr 3,494lm p/mtr LENS: opal v / combo deglaring / combo asymmetrical **COLOR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** rec





102

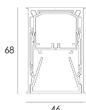
126



NAME: SLIM C TRIMLESS FINISH: white / black / silver / custom **LAMP:** tridonic stark LLE24 HE / HO g4 WATTAGE / LUMEN P/MTR: min: HE 350mA:

16.9W p/mtr 1,414lm p/mtr max: H0 500mA:

45.8W p/mtr 3,665lm p/mtr LENS: opal v / combo deglaring / combo asymmetrical **COLOR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** trimless **INGRESS RATING:** IP22 / IP44







NAME:TRIM RADII REC FINISH: white / black / silver / custom LAMP: tridonic stark LLE24 HE/HOg4 WATTAGE / LUMEN P/MTR:

min: HE 350mA: 16.9W p/mtr 1,276lm p/mtr max: HO 500mA: 45.2W p/mtr 3,307lm p/mtr

LENS: opal v **COLOUR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** rec / sm / sus

NAME: HIP TRIM FINISH: white / black / silver

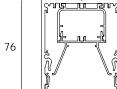
/ custom LAMP: tridonic stark LLE24 HE / HO q4

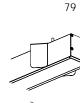
WATTAGE / LUMEN P/MTR: min: HE 350mA:

16.5W p/mtr 1,646lm p/mtr max: HO 500mA:

45.8W p/mtr 4,272lm p/mtr LENS: opal v / combo deglaring / combo asymmetrical / combo focus

COLOUR TEMP: 3000K / 4000K DIMMING: Dali / Dsi / Switch Dim MOUNTING OPTIONS: rec **INGRESS RATING:** IP22

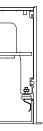




128

LINEAR RECESSED





109

127

NAME: GRAZER LED REC FINISH: white / black / silver / custom **LAMP:** Dpal20 / 60 24V flexible led tape tridonic stark LLE16 he g4 WATTAGE / LUMEN P/MTR: min: 24V Dpal20: 7.8W p/mtr

3l3lm p/mtr

max: HO 500mA: 35.4W p/mtr 2,747lm p/mtr

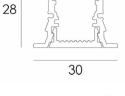
LENS: opal v **COLOUR TEMP: 3000K / 4000K** DIMMING: Dpal: Dali / Switch Dim HE: Dali / Dsi / Switch Dim MOUNTING OPTIONS: rec **DRIVER:** remote driver required



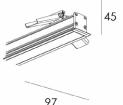


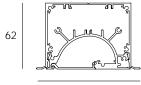
NAME: WYN IP44 REC FINISH: white / black / silver / custom LAMP: tridonic stark LLE16 HE / HO g4 WATTAGE / LUMEN P/MTR: min: HE 350mA: 26.9W p/mtr 2,050lm p/mtr

max: HO 500mA: 52.5W p/mtr 3,640lm p/mtr 108 LENS: asymmetrical light distribution **COLOR TEMP:** 3000K / 4000K DIMMING: Dali / Dsi / Switch Dim MOUNTING OPTIONS: rec / sm



na we











NATION



NAME: SR CONTOUR LIGHT -LM01 / LM02 / LM03 TYPE: flexible silicone encapsulated LED

OUTPUT P/MTR:

LM01: 6.0W / 24V / 180lm p/mtr LM02: 9.W / 24V / 300lm p/mtr LM03: 12W / 24V / 380lm p/mtr LM03 RGB: 12W / 24V / RED 45lm p/mtr

GREEN 88lm p/mtr BLUE 17lm p/mtr COLOUR TEMP: 2700K / 3000K / TRI-DIRECTIONAL

16

23

TRI-DIRECTIONAL

ILLUMINATION

19

20

CLEAR CLIP

21

18

CLEAR CLIP

17

19

25

4300K / 5500K INGRESS RATING: IP67

DRIVER:

Non Dim: Non Dim driver Dim: Dali / Dsi/ Switch Dim driver Dmx: Dmx control



NAME: SR CONTOUR LIGHT -LM10 TYPE: flexible silicone encapsulated LED OUTPUT P/MTR: WHITE: 12W / 24V / 1000lm p/mtr RGB: 12W / 24V /

RED 90lm p/mtr GREEN 175lm p/mtr BLUE 33lm p/mtr COLOUR TEMP: 2700K / 3000K/

4000K / 5000K / 6500K INGRESS RATING: IP67 DRIVER:

Non Dim: Non Dim driver Dim: Dali / Dsi / Switch Dim driver Dmx:Dmx control

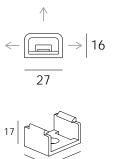
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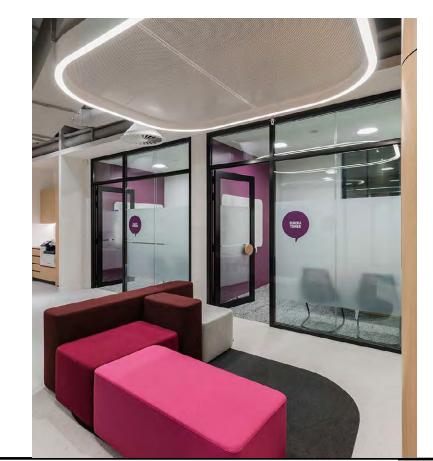
NAME: SR CONTOUR LIGHT -LM20 TYPE: flexible silicone encapsulated LED OUTPUT P/MTR: 24W / 24V / 1,900Im p/mtr COLOUR TEMP: 2700K / 3000K / 4300K / 5000K / 6500K INGRESS RATING: IP67 DRIVER: Non Dim: Non Dim driver

Non Dim: Non Dim driver Dim: Dali /Dsi / Switch Dim driver



TRI-DIRECTIONAL

CLEAR CLIP





NAME: SWARM ONE SM FINISH: white / black LAMP: cree LED engine OUTPUT P/MTR: 1 x 26.9W 700mA 1 x 2,089 COLOUR TEMP: 3000K / 4000K DIMMING: Dali / Dsi / Switch Dim MOUNTING OPTIONS: rec / sm INGRESS RATING: IP22



NAME: SWARM THREE FINISH: white / black LAMP: cree LED engine OUTPUT P/MTR: 3 x 26.9W 700mA 1 x 2,089 197 OPTICS: 15° / 24° / 30° / 50° INCLINATION/ROTATION: 0-30° / 360°

COLOUR TEMP: 3000K / 4000K DIMMING: Dali / Dsi / Switch Dim MOUNTING OPTIONS: rec/ sm INGRESS RATING: IP22 DRIVER: integral driver



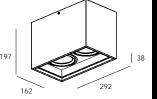
142

SURFACE MOUNTED



NAME: SWARM TWO FINISH: white / black LAMP: cree LED engine WATTAGE / LUMEN P/MTR:

38 2 x 26.9W 700mA 2 x 2,089
 OPTICS: 15° / 24° / 30° / 50°
 INCLINATION/ROTATION: 0-30° / 360°
 COLOUR TEMP: 3000K / 4000K
 DIMMING: Dali / Dsi / Switch Dim MOUNTING OPTIONS: rec / sm
 INGRESS RATING: IP22







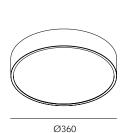




NAME: MRS. C SM FINISH: white / black **LAMP:** tridonic CLE quadrant g2 OUTPUT P/MTR: 600: HE / 28.8W / 225mA 127 / 3,024lm **900:** HE / 54.8W / 450mA / 6,072lm **1200:** HE / 98.0W / 250 + 450mA / 10,968lm **COLOUR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim MOUNTING OPTIONS: sm



NAME: PORT C LED SM FINISH: white / black **LAMP:** tridonic CLE quadrant g2 OUTPUT P/MTR: 17.8W / 500mA / 1,963lm 96 33.1W / 900mA / 3,337 m **COLOUR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** sm / sus





Ø600 / 900 / 1200



NAME: C FLAT 135 FINISH: white LAMP: hongli smd LED engine OUTPUT P/MTR: 13W / 300mA / 1,020lm **OPTICS:** 100° **COLOUR TEMP:** 3000K / 4000K DIMMING: Dali Dim: Dali / Dsi / Switch Dim Phase Dim: 240V Leading + Trailing edge phase dim MOUNTING OPTIONS: rec **INGRESS RATING:** IP44 **DRIVER:** remote driver required



ø165

NAME: C FLAT 165

FINISH: white LAMP: hongli smd LED engine OUTPUT P/MTR: 15W / 300mA / 1,200lm **OPTICS:** 105° **COLOUR TEMP:** 3000K / 4000K DIMMING: Dali Dim: Dali / Dsi / Switch Dim

Phase Dim: 240V Leading + Trailing edge phase dim **MOUNTING OPTIONS:** rec **INGRESS RATING:** IP44

DOWNLIGHTS



ø135

NAME: C FLAT 185 FINISH: white LAMP: tridonic CLE 120 OUTPUT P/MTR: 16.6W / 350mA / 1,599lm **LENS:** opal v / combo deglaring **COLOUR TEMP:** 3000K / 4000K DIMMING: Dali Dim: Dali / Dsi / Switch Dim Phase Dim: 240V Leading + Trailing edge phase dim MOUNTING OPTIONS: rec **INGRESS RATING:** IP22

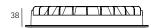


Ø185





NAME: C FLAT 225 FINISH: white **LAMP:** hongli smd LED engine OUTPUT P/MTR: 24W / 600mA / 2,0741lm **OPTICS:** 106° **COLOUR TEMP:** 3000K / 4000K DIMMING: Dali Dim: Dali / Dsi / Switch Dim MOUNTING OPTIONS: rec **INGRESS RATING:** IP44 **DRIVER:** remote driver required



ø225







NAME: DEEP C 385 FINISH: white / black LAMP: tridonic stark CLE 315 OUTPUT P/MTR: 33.0W / 900mA / 3,067Im COLOUR TEMP: 3000K / 4000K DIMMING: Dali / Dsi / Switch Dim MOUNTING OPTIONS: rec / sm / sus INGRESS RATING: IP44

Ø385





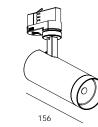
NAME: SIEGE FINISH: white / black LAMP: luminus LED engine OUTPUT P/MTR: 12.7W / 250mA / 866lm OPTICS: 15° / 24° / 36° / diffused COLOUR TEMP: 3000K / 4000K DIMMING: 240V Leading + Trailing edge phase dim MOUNTING OPTIONS: track / rec / sr / sm / sus INGRESS RATING: IP22 REQUIRED: Three circuit track / Dali track



NAME: SIEGE MAGNETO FINISH: white / black LAMP: lumileds LED engine OUTPUT P/MTR: 10.3W / 481lm OPTICS:

Round: 10°/ 24°/ 36° Oval: 10 x 25° Rectangle: 36 x 36° Anti-glare: Honeycomb Louver **COLOUR TEMP:** 2700K **DIMMING:** 240V Leading + Trailing edge phase

dim / Dali MOUNTING OPTIONS: track INGRESS RATING: IP22 REQUIRED: Three circuit track / Dali track



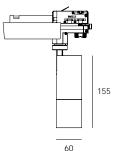
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TRACK LIGHTS



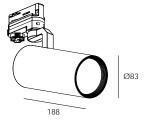
NAME: SIEGE XL DALI FINISH: white / black LAMP: luminus LED engine OUTPUT P/MTR: 42W / 1050mA / 3,925lm COLOUR TEMP: 3000K / 4000K DIMMING: 240V Leading + Trailing edge phase dim / Dali MOUNTING OPTIONS: track INGRESS RATING: IP22 REQUIRED: Three circuit track / Dali track





NAME: SIEGE XL

FINISH: white / black LAMP: lumileds LED engine OUTPUT P/MTR: 29.7W / 700mA / 2,155lm OPTICS: 15° / 40° / wash COLOUR TEMP: 2700K DIMMING: 240V Leading + Trailing edge phase dim / Dali MOUNTING OPTIONS: track INGRESS RATING: IP22 REQUIRED: Three circuit track / Dali track



LIGHT NATION







NAME: SLIM C FINISH: white / black / silver / custom LAMP: tridonic stark LLE24 HE/HOg4 WATTAGE / LUMEN P/MTR: min: HE 350mA: 16.9W p/mtr 1,414lm p/mtr **max:** HO 500mA: 45.8W p/mtr

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127

3,665lm p/mtr **LENS:** opal v / combo deglaring / combo asymmetrical

COLOUR TEMP: 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** sm / sus / up / wall

INGRESS RATING: IP22

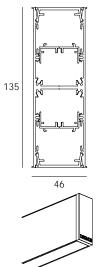


NAME: MRS. T-G SOFT WALL FINISH: white / black / custom LAMP: up: tridonic stark LLE16 HE / HO g4 Dpal 20/60 24V flexible LED tape down: tridonic stark LLE24 HE / HO a4 WATTAGE / LUMEN P/MTR: min: 24V Dpal20:

7.4W p/mtr 282lm p/mtr **max:** HO 500mA: 45.2W p/mtr 3,307lm p/mtr **INGRESS RATING: IP22**



NAME: SLIM H WALL FINISH: white / black / silver / custom LAMP: tridonic stark LLE24 HE/HOg4 WATTAGE / LUMEN P/MTR: min: HE 350mA 16.9W p/mtr 1,414lm p/mtr **max:** HO 500mA: 45.8W p/mtr 3,665lm p/mtr LENS: opal v / combo deglaring / combo asymmetrical **COLOUR TEMP:** 3000K / 4000K **DIMMING:** Dali / Dsi / Switch Dim MOUNTING OPTIONS: sus / wall / sus end cap



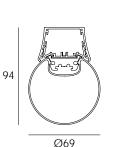


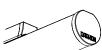
NAME: TUBE SM FINISH: white / black / silver / custom **LAMP:** tridonic stark LLE16

HE/HOg4 WATTAGE / LUMEN P MTR:

min: HE 350mA: 23.4W p/mtr 2,933lm p/mtr max: HE 500mA: 34.6W p/mtr 3,991lm p/mtr LENS: opal v **COLOR TEMP:** 3000K / 4000K

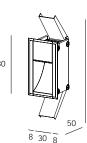
DIMMING: Dali / Dsi / Switch Dim **MOUNTING OPTIONS:** sm / sus **INGRESS RATING:** IP22







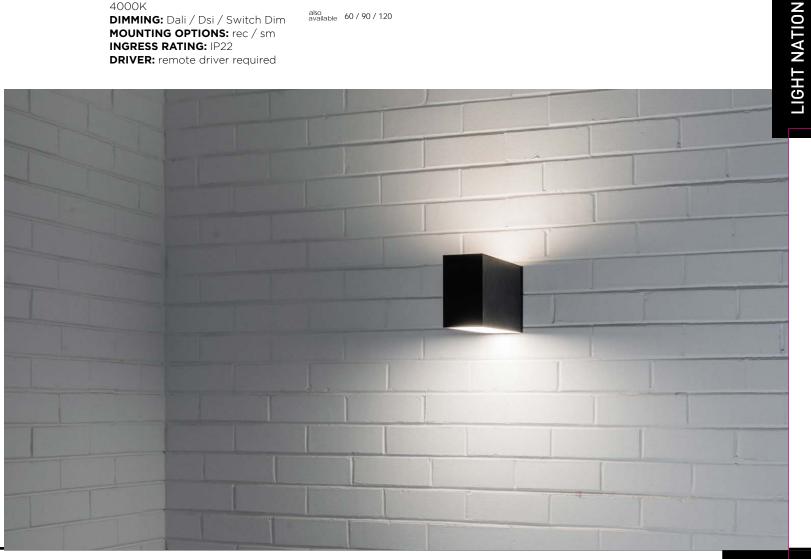
NAME: WYN STEP LED FINISH: white / black / silver / custom LAMP: DAR3030 24V LED WATTAGE / LUMEN P/MTR: 30: HE 1.1W / 55 lm 60: HE 2.2W / 132 Im 90: HE 3.4W / 206 lm 120: HE 4.4W / 278 lm COLOUR TEMP: 2700K / 3000K / 4000K MOUNTING OPTIONS: rec / sm



DIMMING: Dali / Dsi / Switch Dim DRIVER: remote driver required

also available 60 / 90 / 120

INGRESS RATING: IP22



WALL LIGHTS



170 cavity H required

NAME: CHROME DOME WALL FINISH: powder coat / electroplate LAMP: cob LED WATTAGE / LUMEN P/MTR: 5W / 240V / 400 lm COLOUR TEMP: 2700K DIMMING: Phase Dim 240V Leading + Trailing Edge **INGRESS RATING:** IP22









Light Graphix offer creative lighting solutions designed and manufactured for architectural, marine and display use. They have worked with some of the top lighting designers around the world. All products are manufactured in the UK, which helps to ensure quality, flexibility on delivery, and the production of custom fittings.

With over 30 years of experience in the lighting industry, Light Graphix has built up a reputation for high quality, well made and innovative products supported by efficient and reliable customer service.

For more details please visit the website: www.lightgraphix.co.uk



NAME: LD18

FINISH: stainless steel 316 (standard) paint finish white / black / RAL polished and passivated stainless steel (for marine environments) LAMP: 1 x cree XPG2 OUTPUT: 350mA : 1.2W LED 500mA: 1.7W LED 700mA: 2.4W LED BEAM ANGLE: 12° narrow spot, 31° medium, 48° wide, 36° x 12° oval COLOUR TEMP: 2700K / 3000K / 5000k MOUNTING OPTIONS: rec



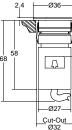
INGRESS RATING: IP68

NAME: LD43DR

FINISH: stainless steel 316 (standard) paint finish white / black / RAL polished and passivated stainless steel (for marine environments) flamed solid bronze (antique finish) LAMP: 1 x cree XPG2 OUTPUT: 350mA : 1.2W LED

500mA: 1.2W LED 500mA: 1.7W LED 700mA: 2.4W LED BEAM ANGLE: 12° narrow spot COLOUR TEMP: 2700K / 3000K / 5000K MOUNTING OPTIONS: rec INGRESS RATING: IP68





INGROUND UPLIGHTS

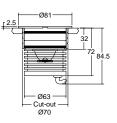


NAME: LD43 / LD43A

FINISH: stainless steel 316 (standard) polished and passivated stainless steel (for marine environments) flamed solid bronze (antique finish) paint finish white/ black/ RAL

LAMP: 1 x cree XPG2 WATTAGE / LUMEN P/MTR: 350mA : 5W LED 500mA : 7W LED 700mA: 10W LED BEAM ANGLE: 24° medium, 38° colour mix lens, 54° extra wide 20° x 46° oval COLOUR TEMP: 2700K / 3000K / 4000K / 5000K MOUNTING OPTIONS: rec INGRESS RATING: IP67

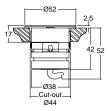






NAME: LD56 FINISH: black anodised aluminium LAMP: 1 x cree XPG2 OUTPUT: 350mA : 1.2W LED 500mA: 1.7W LED 700mA: 2.4W LED BEAM ANGLE: 12° narrow spot, 31° medium, 48° wide, 36° x 12° oval (not avail with glare shield) COLOUR TEMP: 2700K /3000K 4000K / 5000K MOUNTING OPTIONS: rec INGRESS RATING: IP68







IGH NATION

IGHT NATION



Spring-clip fixing NAME: LD61 FINISH: stainless steel 316 (standard) polished and passivated stainless steel (for marine environments) LAMP: 1 x cree XPG2 OUTPUT: 350mA : 1.2W LED 500mA: 1.7W LED BEAM ANGLE: 360° 0-rinas & sleeve COLOUR TEMP: 2700K / 3000K / 5000K

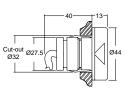
MOUNTING OPTIONS: wall **INGRESS RATING: IP67**



NAME: LD62

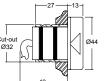
FINISH: stainless steel 316 (standard) polished and passivated stainless steel (for marine environments) LAMP: 1 x cree XPG2 OUTPUT: 350mA : 1.2W LED 500mA: 1.7W LED **BEAM ANGLE:** 360° + 25° **COLOUR TEMP:** 2700K / 3000K / 5000K

MOUNTING OPTIONS: wall **INGRESS RATING:** IP67



O-rings & sleeve

Spring-clip fixing





FINISH: stainless steel 316

(marine grade polish)

350 mA: 5W LED

500 mA: 7W LED

4000K / 5000K

INGRESS RATING: IP68

polished and passivated stainless

brushed and passivated stainless

paint finish white / black / RAL

NAME: LD2424

steel 316

steel 316

OUTPUT:

30° Narrow

Fixing sleeve and O-rings



- 40.2 -

LAMP: 1 x Cree XML RGB BEAM ANGLE: 12° Narrow, **COLOUR TEMP: 2700K / 3000K MOUNTING OPTIONS:** rec



NAME: LD170

FINISH: stainless steel 316 polished and passivated stainless steel (for marine environments) flamed solid bronze (antique finish) paint finish white / black / antique bronze/ satin antique brass / RAL /satin brass LAMP: 1 x E1 LED engine with 2-step binning

OUTPUT: 350mA : 5W LED 500mA: 7W LED

BEAM ANGLE: 360° **COLOUR TEMP: 2700K / 3000K**

/ 5000K **MOUNTING OPTIONS:** rec **INGRESS RATING:** IP67





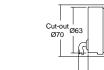


















INGRESS RATING: IP67

FINISH: stainless steel 316 polished and passivated stainless steel (for marine environments) flamed solid bronze (antique finish) **LAMP:** 1 x cree XPG2



OUTPUT: 350mA : 1.2W LED 500mA: 1.7W LED BEAM ANGLE: 2 x 120° COLOUR TEMP: 2700K / 3000K / 4000K / 5000K **MOUNTING OPTIONS:** rec

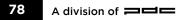






NAME: LD65

Cut-ou



NAME: LD64

OUTPUT:

FINISH: stainless steel 316

(for marine environments)

LAMP: 1 x cree XPG2

350mA : 1.2W LED

500mA: 1.7W LED

BEAM ANGLE: 120°

4000K / 5000K

polished and passivated stainless steel

flamed solid bronze (antique finish)

COLOUR TEMP: 2700K / 3000K /

MOUNTING OPTIONS: rec

INGRESS RATING: IP67

RECESSED WALL



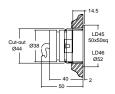


FINISH: stainless steel 316 polished and passivated stainless steel (for marine environments) flamed solid bronze (antique finish) paint finish white / black / RAL LAMP: 1 x Cree XPG2 OUTPUT: 350mA : 1.2W LED 500mA: 1.7W LED 700mA: 2.4W LED

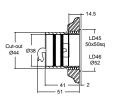
BEAM ANGLE: 12° narrow spot, 31° medium, 48° wide COLOUR TEMP: 2700K / 3000k / 5000K

MOUNTING OPTIONS: rec **INGRESS RATING: IP67**

Spring clip fixing



O-rings and sleeve

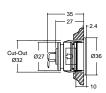




NAME: LD42

FINISH: stainless steel 316 (standard) polished and passivated stainless steel (for marine environments) LAMP: 1 x Cree XPG2 OUTPUT: 350mA : 1.2W LED 500mA: 1.7W LED BEAM ANGLE: 12° narrow spot, 31° medium, 48° wide, 36° x 12° oval **COLOUR TEMP:** 2700K / 3000K / 5000K **MOUNTING OPTIONS: rec INGRESS RATING: IP68**

Spring clip fixing



O-rings and sleeve





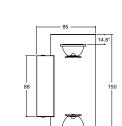
IGHT NATION



NAME: LD10236 FINISH: silver anodised / polished and chemically brightened paint finish / white / antique bronze / satin antique brass / satin brass / RAI **LAMP:** 1 x E1 LED engine with 2-step binning OUTPUT: 350mA:10W LED 500mA: 14W LED BEAM ANGLE: 10° narrow spot, 19° medium, 34° wide, 54° extra wide, 15°x 49° oval COLOUR TEMP: 2700K / 3000K / 4000K / 5000K MOUNTING OPTIONS: sm **INGRESS RATING: IP67**









black / white / RAL / antique bronze / satin antique brass / satin brass **LAMP:** 1 x E1 LED engine with 2-step binning OUTPUT: 350mA: 5W LED 500mA: 7W LED 700mA: 10W LED BEAM ANGLE: 10° narrow spot, 19° medium, 34° wide, 54° extra wide, 15°x 49° oval COLOUR TEMP: 2700K / 3000K /

4000K / 5000K MOUNTING OPTIONS: sm **INGRESS RATING: IP67**



FINISH: black anodised,

paint finish silver / white /

NAME: LD51

FINISH: silver anodised polished and chemically brightened 34 (stainless steel effect) paint finish black / white / antique bronze / satin antique brass / satin brass / RAL **LAMP:** 1 x E1 LED engine with

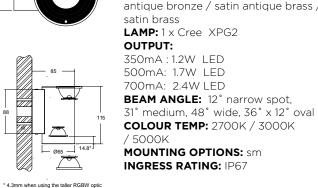
2-step binning OUTPUT:

350mA:5W LED 500mA: 7W LED

NAME: LD10237

700mA: 10W LED **BEAM ANGLE:** 10° narrow spot, 19° medium, 34° wide,

54° extra wide, 15° x 49° oval **COLOUR TEMP: 2700K / 3000K** / 4000K / 5000K MOUNTING OPTIONS: sm **INGRESS RATING:** IP67









NAME: LD1220

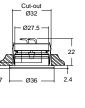
FINISH: paint finish black / white / RAL polished and passivated stainless steel (marine grade polishing) **LAMP:** 6 x Cree XPG2 OUTPUT: 350mA:7W LED 500mA: 10W LED 700mA: 14W LED BEAM ANGLE: 15° narrow spot, 25° medium. 40° wide **COLOUR TEMP: 2700K / 3000K** / 5000K **MOUNTING OPTIONS:** rec **INGRESS RATING: IP67**



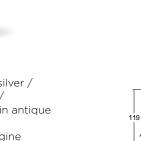
NAME: LD40

FINISH: stainless steel 316 polished and passivated stainless steel (for marine environments) paint finish silver / black / white / antique bronze / satin antique brass / satin brass / RAL LAMP: 1 x Cree XPG2 OUTPUT: 350mA : 1.2W LED 500mA: 1.7W LED BEAM ANGLE: 12° narrow spot, 31° medium, 48° wide, 36° x 12° oval COLOUR TEMP: 2700K/ 3000K / 5000K

MOUNTING OPTIONS: rec INGRESS RATING: IP67











RECESSED



NAME: LD1083



FINISH: bezel - polished and passivated stainless steel (marine grade polishing) as standard. paint finish black / white / RAL baffle - anodised gunmetal grey (standard). paint finish black / white / RAL LAMP: 1 x Cree CXB 1310 cob LED engine OUTPUT: 350mA:7W LED 500mA: 9W LED

700mA: 14W LED BEAM ANGLE: 19° narrow spot, 28° medium, 41° wide COLOUR TEMP: 2700K / 3000K / 5000K

MOUNTING OPTIONS: rec **INGRESS RATING:** IP67



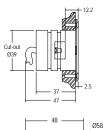


LAMP: 1 x Cree XPG2



350mA : 1.2W LED 500mA: 1.7W LED 700mA: 2.4W LED BEAM ANGLE: 12° narrow spot, 31° medium, 48° wide, 36° x 12° oval COLOUR TEMP: 2700K / 3000K / **MOUNTING OPTIONS:** rec **INGRESS RATING: IP68**

paint finish black / white / RAL











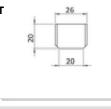
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LEC brings expertise, and technical skills to every project. The luminaires are particularly suited to the public realm and urban environment.

For more details please visit the website: www.lec-lyon.com



NAME: 5640-SCHOOL-LIGHT FINISH: colourless anodised machined aluminium LAMP: Power LEDs 1W OUTPUT: 1W each COLOUR TEMP: 2700K / 3000K / 4000K / 5000K MOUNTING OPTIONS: wall / rec / handrails INGRESS RATING: IP67



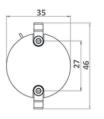


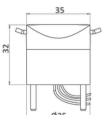
HANDRAIL SOLUTIONS



NAME: 5643 - Button B

FINISH: colourless anodised machined aluminium body LAMP: 1 power LED OUTPUT: 1W or 3W COLOUR TEMP: 2400K / 2700K / 3000K / 5000K MOUNTING OPTIONS: handrails INGRESS RATING: IP67





MARKER SOLUTIONS

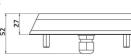
<u>I</u>GH I NATION

<u>l</u>GHT



NAME: 1406 - ALMA FINISH: anodised glazed aluminium, vandalism-proof organic glass LAMP: Power LEDs **OUTPUT:** 12.7W **COLOUR TEMP:** 3000K / 4000K / 6000K MOUNTING OPTIONS:

wall / ground recessed fittings **INGRESS RATING: IP67**



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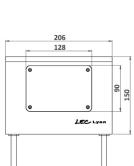
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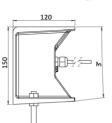
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130



NAME: 1836 - VILLE DE PARIS FINISH: anodised glazed aluminium, vandalism-proof organic glass LAMP: Power LEDs OUTPUT: 10W **COLOUR TEMP:** 2700K / 3000K / 4000K / 6000K **MOUNTING OPTIONS:** pavement sides / ground recessed fittings **INGRESS RATING:** IP67







NAME: 5761 - PASSY FINISH: anodised glazed aluminium, vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2

LAMP: Power LEDs OUTPUT: 80W COLOUR TEMP: 2700K / 3000K / 4000K / 6000K

MOUNTING OPTIONS: ground flush recessed fittings / ground recessed fittings

INGRESS RATING: IP68 MECHANICAL STRENGTH: Withstands random all vehicles traffic; Resists impacts up to 60 joules (IK10); 4T Resists impacts up to 4 tons: Adjustable orientation without dismantling



NAME: 1750 - BOURGOGNE FINISH: anodised glazed aluminium,

vandalism-proof, scratch-proof, UV-proof, polycarbonate window,

LAMP: Power LEDs OUTPUT: 3.2W **COLOUR TEMP:** 2700K / 3000K / 4000K/ 6000K **MOUNTING OPTIONS:** ground recessed fittings / pavement sides / ground flush recessed fittings

INGRESS RATING: IP68 **MECHANICAL STRENGTH:** Withstands random all vehicles traffic; Resists impacts up to 60 joules



NAME: 1843 - PALAIS ROYAL

FINISH: anodised glazed aluminium, vandalism-proof, scratch-proof, UV-proof, polycarbonate window,

M2

LAMP: Power LEDs OUTPUT: 10W

BEAM ANGLE: narrow beam from 0 to 15° or a wide one from 0 to 45° from horizontal line

COLOUR TEMP: 2700K / 3000K / 4000K / 5000K / 6000K MOUNTING OPTIONS: ground recessed fittings / pavement sides **INGRESS RATING: IP68**



NAME: 1844 - SAINT RAPHAEL FINISH: marine anodised cast aluminium

LAMP: 0.96W OUTPUT: 350 mA : 1.2W LED

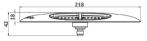
500 mA: 1.7W LED 700 mA: 2.4W LED COLOUR TEMP: 3000K / 4000K /

6000K **MOUNTING OPTIONS:** ground recessed fittings **INGRESS RATING: IP68**













(IK10);





INGROUND UPLIGHTS



NAME: 5712 - ALBI

FINISH: marine anodised cast aluminium, 316L Stainless steel, vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2

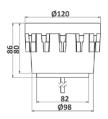
LAMP: Power LEDs OUTPUT: 7W **COLOUR TEMP:** 2700K / 3000K / 4000K / 6000K **MOUNTING OPTIONS:** ground flush

recessed fittings / ground recessed fittings

INGRESS RATING: IP68

MECHANICAL STRENGTH: Withstands random all vehicles traffic; Resists impacts up to 60 joules (IK10); IP69K pressure water spray;







NAME: 1830 - LUCERNE

(IK10);

FINISH: marine anodised cast aluminium. vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2 LAMP: Power LEDs OUTPUT: 10W **COLOUR TEMP: 2700K / 3000K** / 4000K / 6000K **MOUNTING OPTIONS:** ground recessed fittings / pavement sides/ ground flush recessed fittings **INGRESS RATING:** IP68 **MECHANICAL STRENGTH: Withstands** random all vehicles traffic; Resists impacts up to 60 joules





SPOT / FLOODLIGHTS



NATION



NAME: 4010 - LUMINY FINISH: anodised glazed aluminium, vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2 LAMP: Power LEDs OUTPUT: 3.2W

COLOUR TEMP: 2700K / 3000K / 4000K / 6000K **MOUNTING OPTIONS:** wall lights / masts **INGRESS RATING: IP67**



NAME: 4020 - LUMINY 2 FINISH: anodised glazed aluminium, vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2

LAMP: Power LEDs OUTPUT: 10W **COLOUR TEMP:** 2700K / 3000K / 4000K / 6000K MOUNTING OPTIONS: wall lights /

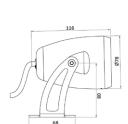
masts

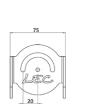
INGRESS RATING: IP67

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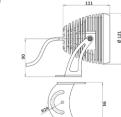
NAME: 5761 - PASSY

FINISH: anodised glazed aluminium, vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2

LAMP: Power LEDs OUTPUT: 80W COLOUR TEMP: 2700K / 3000K / 4000K / 6000K MOUNTING OPTIONS: ground flush recessed fittings / ground recessed fittings **INGRESS RATING: IP68**



NAME: 4040 - LUMINY 4 FINISH: anodised glazed aluminium vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2 LAMP: Power LEDs OUTPUT: 35W **COLOUR TEMP:** 2700K / 3000K / 4000K / 6000K MOUNTING OPTIONS: wall lights / masts **INGRESS RATING:** IP68







NAME: 5651 - CLEM FINISH: vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2 LAMP: Power LEDs OUTPUT: 68W COLOUR TEMP: 2700K / 3000K / 4000K / 6000K MOUNTING OPTIONS: wall **INGRESS RATING: IP67**

LINEAR LED



NAME: 5633 - ARCHES

FINISH: anodised glazed aluminium, vandalism-proof, scratch-proof, UV-proof, polycarbonate window, M2

LAMP: Power LEDs **OUTPUT:** 17.5W **COLOUR TEMP:** 2700K / 3000K

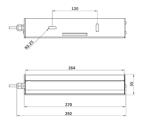
/ 4000K / 6000K MOUNTING OPTIONS: wall INGRESS RATING: IP67







NAME: 5634 - STRIPE FINISH: marine anodised cast aluminium, vandalism-proof organic glass LAMP: Power LEDs **OUTPUT:** 17.5W **COLOUR TEMP:** 2700K / 3000K 4000K / 6000K MOUNTING OPTIONS: wall **INGRESS RATING: IP67**







coelux

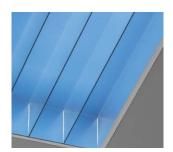


Experience the bliss and the joy of sunny skies anywhere and at any time. CoeLux® is a scientific breakthrough, allowing you for the first time to reproduce in an interior space the physical effects and optical phenomena of natural light, specifically the diffusion and transmission of sunlight through the atmosphere.

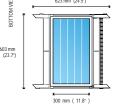
CoeLux® technology recreates the sun and sky allowing you to truly experience the outdoors while indoors. CoeLux® combines three key elements: the latest LED technology which reproduces the sunlight's spectrum; a sophisticated optical system that creates the sensation of the distance between the sky and the sun; and nanostructured materials, only a few millimeters thick, which recreate the entire Rayleigh scattering process which occurs in the atmosphere.

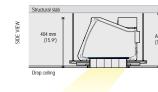
CoeLux® is an optical system based on nano technology to artificially reproduce the natural light and visual appearance of the sun and sky. The effect of warm, artificial, direct sunlight illuminates and enhances objects, completely transforming domestic and public spaces, giving them volume and shape through light and shadow, and creating a new relationship between people and the architectural space which surrounds them.

For more details please visit the website: www.coelux.com



NAME: COELUX® ST TIVANO FINISH: white LAMP: LED dimmable **OUTPUT:** 50W / 2100lm COLOUR TEMP: daylight





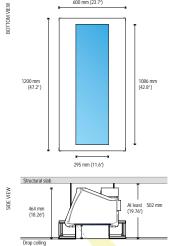


COELUX®



NAME: COELUX® LS MATTE FINISH: white LAMP: LED dimmable **OUTPUT: 100W / 3300lm COLOUR TEMP:** daylight





LIGHT NATION



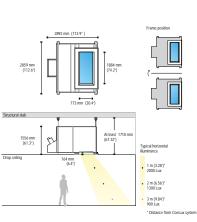
LIGHT NATION



NAME: COELUX® HT25 FINISH: white LAMP: LED dimmable by DALI OUTPUT: 200W / 5800Im COLOUR TEMP: daylight



NAME: COELUX® 60 HC FINISH: white LAMP: LED not dimmable OUTPUT: 300W / 4000lm COLOUR TEMP: daylight



PRECISION LIGHTING

Precision Lighting is a British manufacturer with a proud legacy of collaborating with architects, lighting designers, interior designers and end-clients to deliver architectural luminaires and lighting systems that represent a fusion of optical excellence and aesthetic appreciation.

Precision Lighting recognises that lighting performance is key for any application, which is why the luminaires are designed for superior beam quality, carefully selected LEDs, and offer exceptional colour rendering. In addition, all fixtures feature interchangeable beam angles with a choice of distributions.

For more details please visit the website: www.precisionlighting.co.uk



TRACK AND SURFACE



NATION

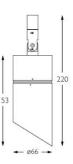


NAME: EVO 16 SHORT SNOOT FINISH: brushed aluminium / white / black / rubbed bronze / custom LAMP: 9W or 92 CRI LED spotlights OUTPUT: Module Output: 700lm

Absolute Output: 660lm BEAM ANGLE: 6° **COLOUR TEMP:** 2700K / 3000K **MOUNTING OPTIONS:** Eutrac / Monopoints / LV Tracks **INGRESS RATING: IP20**



NAME: EVO 16 GLARE GUARD FINISH: brushed aluminium / white / black LAMP: 9W or 92 CRI LED spotlights OUTPUT: Module Output: 700lm Absolute Output: 660lm **BEAM ANGLE:** 6° **COLOUR TEMP:** 2700K / 3000K MOUNTING OPTIONS: Eutrac / Monopoints / LV Tracks **INGRESS RATING: IP20**





NAME: DOMINO 1 SURFACE FINISH: brushed aluminium / white / black LAMP: 2.2W OR 95 CRI OUTPUT: Module Output: 178lm Absolute Output: 164lm **BEAM ANGLE:** 12°, 30°, 60°, Ellipse, Vertical Ellipse COLOUR TEMP: 3000K MOUNTING OPTIONS: rec / track **INGRESS RATING: IP20**

Cutout

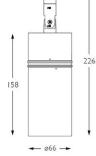
Cutout

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NAME: EVO 16 LONG SNOOT FINISH: brushed aluminium / white / black LAMP: 9W or 92 CRI LED spotlights OUTPUT: Module Output: 700lm Absolute Output: N/A BEAM ANGLE: 9° to 30° **COLOUR TEMP:** 2700K / 3000k MOUNTING OPTIONS: Eutrac / Monopoints / LV Tracks **INGRESS RATING: IP20**



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NAME: DOMINO 4 SURFACE FINISH: brushed aluminium / white / black LAMP: 8.8W or 95 CRI OUTPUT: Module Output: 712lm Absolute Output: 658lm BEAM ANGLE: 12°, 30°, 60°, Ellipse, Vertical Ellipse, Soflt Ellipse, Focal Spot, Focal Flood, Soft Focal Flood COLOUR TEMP: 3000K

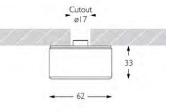
MOUNTING OPTIONS: sm **INGRESS RATING: IP20**

TRACK AND SURFACE



NAME: DOMINO 2 SURFACE FINISH: brushed aluminium /

white / black LAMP: 4.4W OR 95 CRI OUTPUT: Module Output: 356lm Absolute Output: 329Im BEAM ANGLE: 12°, 30°, 60°, Ellipse, Vertical Ellipse COLOUR TEMP: 3000K MOUNTING OPTIONS: sm **INGRESS RATING:** IP20





LIGHT NATION

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SURFACE MOUNTED



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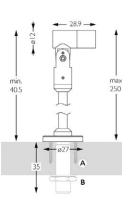
NAME: ATTO FINISH: brushed aluminium / / white / black / rubbed bronze / polished brass / satin brass LAMP: 1W OR 95 CRI LED Spotlight OUTPUT: Module Output: 102lm Absolute Output: 94lm BEAM ANGLE: 16° **COLOUR TEMP: 2700K / 3000K** MOUNTING OPTIONS: sm / jack point

0 0 45.3 -012-

INGRESS RATING: IP20



NAME: ATTO S FINISH: brushed aluminium / / white / black / rubbed bronze / polished brass / satin brass LAMP: 1W OR 95 CRI LED Spotlight OUTPUT: Module Output: 102lm Absolute Output: 94lm **BEAM ANGLE: 16° COLOUR TEMP: 2700K / 3000K** MOUNTING OPTIONS: sm / jack point **INGRESS RATING: IP20**



FACTORYLUX DETAILS MATTER.

In 2007, Factorylux pioneered industrial lighting aesthetic by salvaging, restoring, and reselling original light fittings from redundant factories and mills in Yorkshire. It grew and developed a manufacturing capability to become the first and then largest supplier of a comprehensive range of high quality 'modular' lighting components.

In 2011, Factorylux began redeveloping a former trouser factory in Hebden Bridge, West Yorkshire, to house design, manufacturing, dispatch and support operations. There have been huge investments in the people, tooling, technology and vertical integration required for unrivaled order fulfillment, unsurpassed safety and compliance standards and exceptional customer support.

In 2015, they partnered with Xicato to develop a range of architectural lighting. By 2016, we had launched an entirely new range of Xicato powered architectural spotlights, pendants, wall lights and lighting track.

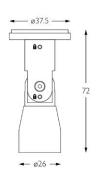
For more details please visit the website: www.factorylux.com



NAME: PICO FINISH: brushed aluminium / / white / black LAMP: 2.2W OR 95 CRI LED Spotlight OUTPUT: Module Output: 180lm Absolute Output: 168lm **BEAM ANGLE:** 12° **COLOUR TEMP: 2700K / 3000K** MOUNTING OPTIONS: sm / iack point **INGRESS RATING: IP20**



FINISH: brushed aluminium / / white / black LAMP: 1.6W OR 95 CRI LED Spotlight OUTPUT: Module Output: 140lm Absolute Output: 130lm BEAM ANGLE: 12° COLOUR TEMP: 3000K MOUNTING OPTIONS: sm / jack point **INGRESS RATING: IP20**









NAME: REFLECTOR SIZES: xx-small / small / large / x-large FINISH: Powder Coat:



OUTPUT: up to 160lm/W BEAM ANGLE: 15°, 25°, 38°, 60°, wide diffusted, ultra wide diffused UGR filter

COLOUR TEMP: 2700K/ 3000k / 3500K / 4000K **MOUNTING OPTIONS:** sus **INGRESS RATING:** IP20 / IP65



XX-SMALL



LARGE

X-LARGE





NAME: NINETY-NINE[™] PENDANT SIZES: small / medium FINISH: stone rumbled / anodised black / powder coat white **OUTPUT:** up to 160lm/W **BEAM ANGLE:** 16°, 30°, 40° COLOUR TEMP: 2200K/ 2700k / 3000K / 3500K / 4000K **MOUNTING OPTIONS:** monopoint / Track-Pipe® Hook / pattress cover **INGRESS RATING:** IP20



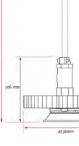
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MEDIUM



NAME: SKIN + BONES[™] LARGE RAW XTM

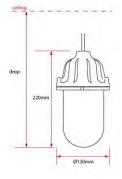
FINISH: extruded aluminium + galvanised steel **OUTPUT:** up to 160lm/W **BEAM ANGLE:** 25°, 38°, 60° **COLOUR TEMP:** 2200K / 2700K / 3000K / 3500K / 4000K **MOUNTING OPTIONS:** pattress / Track-Pipe® Hook / track adapter / ceiling driver box /knockout box **INGRESS RATING:** IP20 / IP65



SUSPENDED



NAME: LANTERN FINISH: cast Aluminium copper/ white / black / grey LAMP: Xicato XTM **OUTPUT:** up to 160lm/W BEAM ANGLE: 26°, 42°, 58°, wide diffused, ultra wide diffused COLOUR TEMP: 2200K/ /2700k / 3000k /3500k / 4000k MOUNTING OPTIONS: sus INGRESS RATING: IP20/ IP655



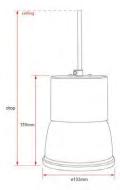


NAME: MARGO™ PENDANT XTM FINISH:

Galvanised Vitreous Enamel:

red / green / white / black / matte black / grey / blue Plated: gold / nickel silver / bronze / brass LAMP: Xicato XTM **OUTPUT:** up to 160lm/W **BEAM ANGLE:** 7°, 14°, 25°, 38°, 60°

COLOUR TEMP: 2200K/ /2700k / 3000k /3500k / 4000k **MOUNTING OPTIONS:** monopoint ceiling rose / Track-Pipe® Hook / pattress cover / track adapter **INGRESS RATING:** IP20



SPOTLIGHTS



NATION



NAME: NINETY-NINE[™] XTM SIZE: small / medium LAMP: Xicato XTM FINISH: Powder Coat:

Stone-Rumbled:



OUTPUT: up to 115lm/W [XIM Standard] up to 88lm/W [XIM Artist] BEAM ANGLE: 16°, 30°, 40° COLOUR TEMP: 2200k / 2700K / 3000K / 4000K MOUNTING OPTIONS: sus /

Track-Pipe® Hook INGRESS RATING: IP20



NAME: NINETY-NINE™ XIM SIZE: small / medium LAMP: Xicato XTM FINISH: Powder Coat:

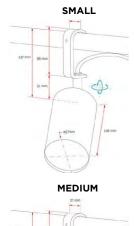


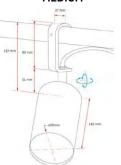
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MEDIUM



OUTPUT: up to 115Im/W [XIM Standard] up to 88Im/W [XIM Artist] BEAM ANGLE: 16°, 30°, 40° COLOUR TEMP: 2200k / 2700K / 3000K / 4000K MOUNTING OPTIONS: sus / Track-Pipe® Hook INGRESS RATING: IP20







NAME: NINETY-NINE™ Intrgral XTM SIZE: medium LAMP: Xicato XTM FINISH: Powder Coat:

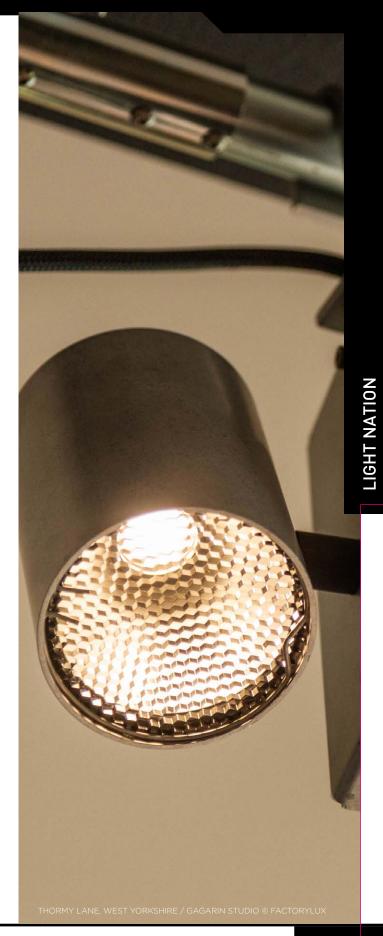




OUTPUT: up to 115lm/W [XIM Standard] up to 88lm/W [XIM Artist] BEAM ANGLE: 16°, 30°, 40° COLOUR TEMP: 2200k / 2700K / 3000K / 4000K MOUNTING OPTIONS: sus / Track-Pipe® Hook INGRESS RATING: IP20



SPOTLIGHTS



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Aqualux Lighting is a family-owned Australian business that has been operating for more than 30 years in the electronics industry and for the past 15 years in landscape lighting.

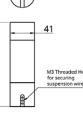
We started Aqualux with the desire to introduce to the market a range of premium quality outdoor luminaries & transformers suitable for both the architectural and residential markets. Through a combination of attention to detail and a desire to respond to the needs of the market and the installers of our fittings, we have developed a series of product families that represent the best available products in their class. Our aim is to develop and deliver outdoor light fittings that represent the absolute best combination of quality, performance and price.

For more details please visit the website: www.aqualux.com.au



NAME: AQF-050 LED FESTOON LIGHTING FINISH: PVC rubber / polycarbonate lens LAMP: Low Voltage E27 Base OUTPUT: 24V AC / DC lamps COLOUR TEMP: 2500K / 2800K INGRESS RATING: IP65



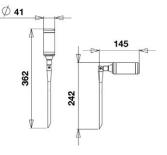


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GENERAL EXTERIOR



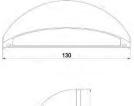
NAME: AQL-115 ADJUSTABLE LIGHT FINISH: antique bronze / satin chrome / matte black / gunmetal grey LAMP: X03 LED (300lmn) / X12 LED (300lmn) OUTPUT: 3W / 6W BEAM ANGLE: 10° narrow spot, 25° medium, 40° wide, diffuse (fr COLOUR TEMP: 3000K/ 5700K INGRESS RATING: IP67





NAME: AQL-510 STEP LIGHT FINISH: antique bronze / matte black / natural brass / copper / brushed chrome LAMP: X06 LED (250lmn) OUTPUT: 4W BEAM ANGLE: diffuse frosted COLOUR TEMP: 3000K / 5700K

INGRESS RATING: IP65





GENERAL EXTERIOR



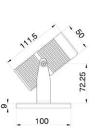




NAME: AQL-520 STEP LIGHT FINISH: antique bronze / matte black / natural brass / copper / brushed chrome LAMP: X06 LED (250lmn) OUTPUT: 4W **BEAM ANGLE:** diffuse frosted **COLOUR TEMP:** 3000K / 5700K **INGRESS RATING:** IP65



POND LIGHT FINISH: antique bronze / matte black / naturral brass/ brushed chrome LAMP: X03 LED (300lmn) / X12 LED (300lmn) **OUTPUT:** 3W / 6W BEAM ANGLE: 10° narrow spot, 25° medium, 40° wide, wall washer/cut off **COLOUR TEMP:** 3000K/ 5700K **INGRESS RATING:** IP68



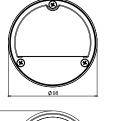


products are developed in collaboration with lighting experts to provide high-quality, reliable luminaires.

For more details please visit the website: www.lightnation.co.nz



NAME: AWL-01-SS-316 EYELID STEP LIGHT FINISH: stainless steel 316 LAMP: X03 LED (300lmn) OUTPUT: 3W / 2W **BEAM ANGLE:** O° narrow spot, 25° medium, 40° wide COLOUR TEMP: 3000K **INGRESS RATING: IP65**

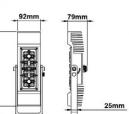






NAME: AQL-935 **50W LED FLOOD LIGHT** FINISH: matte black LAMP: LED flood OUTPUT: 50W

BEAM ANGLE: 70° FWHM, 20°FWHM, 60° FWHM **COLOUR TEMP:** 2700K / 5700k **INGRESS RATING: IP67**



Light Nation also offers a home brand option of lighting solutions. These

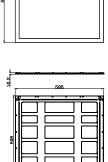
LIGHT PANELS





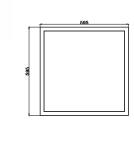


NAME: LNP664 PANEL FINISH: white LAMP: LED panel OUTPUT: 36W **BEAM ANGLE: 90°** COLOUR TEMP: 4000K **DIMMING:** Non-Dimmable **INGRESS RATING:** IP40 LED LIFETIME: 50,000 hrs LIFETIME RATING: L70B10 PART WEIGHTS: 2.9kg **CRI:** 90





NAME: LNP664T PANEL FINISH: white LAMP: LED panel OUTPUT: 36W BEAM ANGLE: 90° COLOUR TEMP: 4000K **DIMMING:** Non-Dimmable **INGRESS RATING:** IP40 LED LIFETIME: 50,000 hrs LIFETIME RATING: L70B10 PART WEIGHTS: 2.9kg **CRI:** 90



edit in the second seco	595	



NAME: LNP1234 PANEL

FINISH: white LAMP: LED panel OUTPUT: 36W BEAM ANGLE: 90° COLOUR TEMP: 4000K **DIMMING:** Non-Dimmable **INGRESS RATING:** IP40 LED LIFETIME: 50,000 hrs LIFETIME RATING: L70B10 PART WEIGHTS: 3.1kg **CRI:** 90



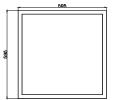


NAME: LNP664D PANEL

FINISH: white LAMP: LED panel OUTPUT: 36W BEAM ANGLE: 90° COLOUR TEMP: 4000K DIMMING: Dali Dimmable **INGRESS RATING:** IP40 LED LIFETIME: 50.000 hrs LIFETIME RATING: L70B10 PART WEIGHTS: 3kg **CRI:** 90



FINISH: white LAMP: LED panel OUTPUT: 36W BEAM ANGLE: 90° COLOUR TEMP: 4000K DIMMING: Phase / 1-10V Dimmable **INGRESS RATING:** IP40 LED LIFETIME: 50,000 hrs LIFETIME RATING: L70B10 PART WEIGHTS: 2.95kg **CRI:** 90



	595
595 • • •	

NAME: LNP1234D PANEL

FINISH: white LAMP: LED panel OUTPUT: 36W BEAM ANGLE: 90° COLOUR TEMP: 4000K **DIMMING:** Dali Dimmable **INGRESS RATING:** IP40 LED LIFETIME: 50.000 hrs LIFETIME RATING: L70B10 PART WEIGHTS: 3.15kg **CRI:** 90





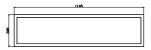


LIGHT PANELS





NAME: LNP1234T PANEL FINISH: white LAMP: LED panel OUTPUT: 36W BEAM ANGLE: 90° COLOUR TEMP: 4000K **DIMMING:** Non-Dimmable **INGRESS RATING: IP40** LED LIFETIME: 50,000 hrs LIFETIME RATING: L70B10 PART WEIGHTS: 3.1kg **CRI:** 90











NAME: LNP664PD PANEL FINISH: white LAMP: LED panel OUTPUT: 36W BEAM ANGLE: 90° COLOUR TEMP: 4000K DIMMING: Phase / 1-10V Dimmable **INGRESS RATING:** IP40 LED LIFETIME: 50,000 hrs LIFETIME RATING: L70B10 PART WEIGHTS: 3.15kg **CRI:** 90









NAME: LNHB18 FINISH: black LAMP: Lumileds OUTPUT: 150W BEAM ANGLE: 120° COLOUR TEMP: 5000K **DIMMING:** Non-Dimmable **INGRESS RATING:** IP65 LUMEN OUTPUT: 22,500 Lm LED LIFETIME: 60,000 hrs LIFETIME RATING: L70B50 **CRI:** 80

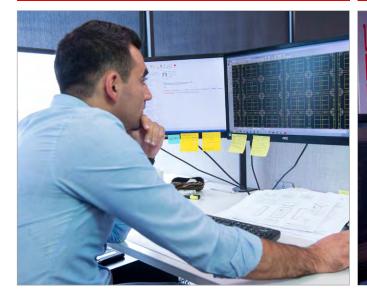
POWER SOLUTIONS

POWER SOLUTIONS

The team at PDC offer expertise in the design and manufacture of switchboard systems up to 4000A. Using leading electrical components from GE and ABB, PDC produce more than 2,500 switchboards a year.

A team of more than ten technical sales engineers across the country provide exceptional service to all regions.

PDC also offers mechanical service boards, control panels, power monitoring, surge protection, power factor correction and contract manufacturing.





OUR SERVICES







POWER SOLUTIONS

INTRODUCING FORME250



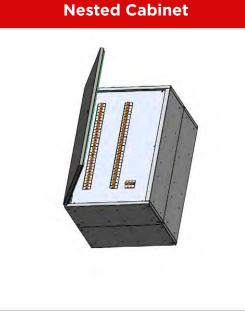
FORME250

PDC's product engineers have spent 3 years developing a new switchboard system designed to support the New Zealand market.

It offers exceptional aesthetics, is simple and flexible to assemble and meets all the necessary technical requirements.

The system contains 225 components that are capable of configuring at least 2000 different combinations.

The FORME250 switchboard system has been designed to have a depth of 250mm.



Cabinets can be nested on top of each other







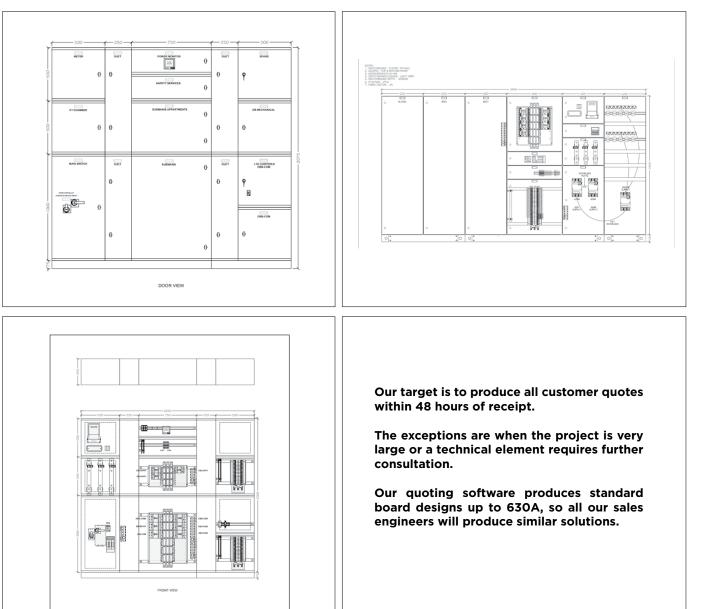
Doors can be removed

Mullions and Segregation plates are used to divide cabinets for more cost effective results

POWER SOLUTIONS

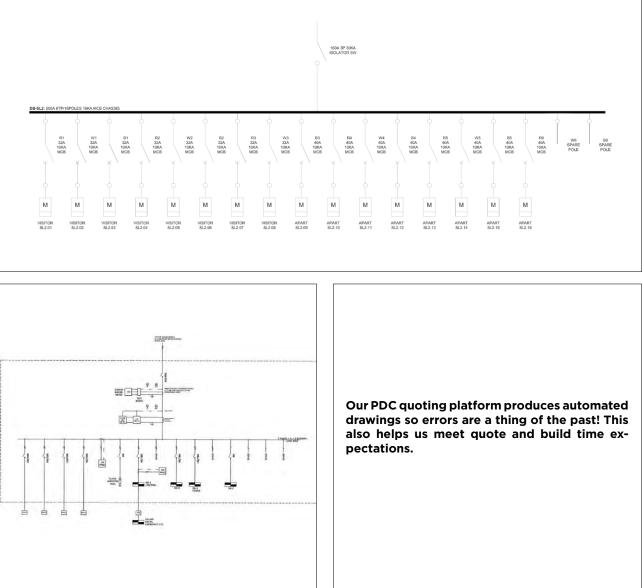
OUR SERVICES

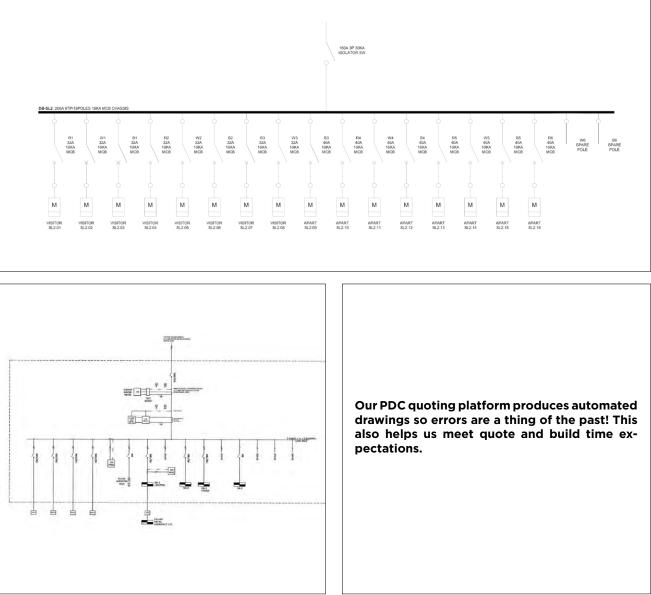
BUILD LAYOUT / QUOTING



OUR SERVICES

SCHEMATIC DIAGRAMS / LINE DRAWINGS

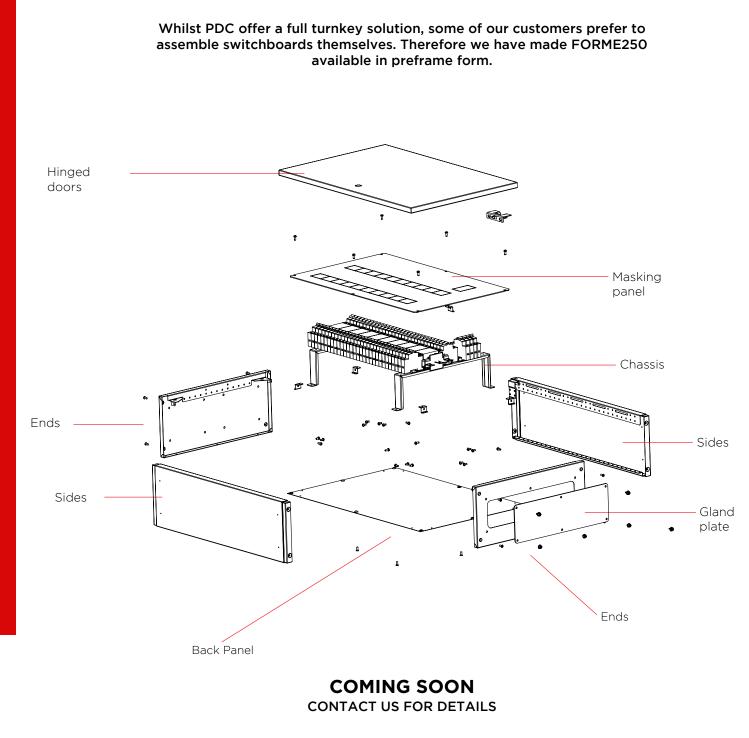




POWER SOLUTIONS

POWER SOLUTIONS

FORME250 ALSO AVAILABLE IN PREFRAME

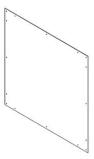


CODE	DIMENSIONS (mm)	COLOUR
500mm		
SBBP5025	500H x 250W	Satin Titania
SBBP5050	500H x 500W	Satin Titania
750mm		
SBBP7525	750H x 250W	Satin Titania
SBBP7550	750H x 500W	Satin Titania
SBBP7575	750H x 750W	Satin Titania
1000mm		
SBBP1050	1000H x 500W	Satin Titania
SBBP1075	1000H x 750W	Satin Titania
SBBP1025	1000H x 1250W	Satin Titania
1250mm		
SBBP1250	1250H x 500W	Satin Titania
SBBP1275	1250H x 750W	Satin Titania
SBBP1210	1250H x 1000W	Satin Titania
1500mm		
SBBP1525	1500H x 250W	Satin Titania
SBBP1550	1500H x 500W	Satin Titania
SBBP1575	1500H x 750W	Satin Titania

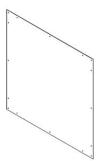
> Parts are available for purchase individually

*Available to order in other sizes, please contact customer services for information. *Lead time: 15 days

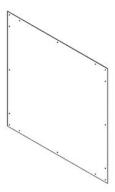
SBBP5050



SBBP1250



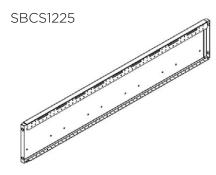
SBBP1550



Closed

CODE	DIMENSIONS (mm)	COLOUR
SBCS2525	250H x 250D	Satin Titania
SBCS5025	500H x 250D	Satin Titania
SBCS7525	750H x 250D	Satin Titania
SBCS1025	1000H x 250D	Satin Titania
SBCS1225	1250H x 250D	Satin Titania
SBCS1525	1500H x 250D	Satin Titania





Closed

CODE	DIMENSIONS (mm)	
SBCE2525	250W x 250H	Sa
SBCE5025	500W x 250H	Sa
SBCE7525	750W x 250H	Sa
SBCE1025	1000W x 250H	Sa

Open

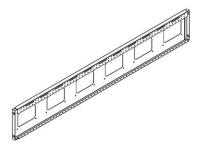
CODE	DIMENSIONS (mm)	COLOUR
SBOE2525	250W x 250D	Satin Titania
SBOE5025	500W x 250D	Satin Titania
SBOE7525	750W x 250D	Satin Titania
SBOE1025	1000W x 250D	Satin Titania

Open

CODE	DIMENSIONS (mm)	COLOUR
SBOS2525	250H x 250D	Satin Titania
SBOS5025	500Hx 250D	Satin Titania
SBOS7525	750H x 250D	Satin Titania
SBOS1025	1000H x 250D	Satin Titania
SBOS1225	1250H x 250D	Satin Titania
SBOS1525	1500H x 250D	Satin Titania



SBOS1525



> Parts are available for purchase individually

*Available to order in other sizes, please contact customer services for information. *Lead time: 15 days

Plinth

CODE	DIMENSIONS (mm)	COLOUR
SBPE2525	250W x 250H	Satin Titania
SBPE5025	500W x 250H	Satin Titania
SBPE7525	750W x 250H	Satin Titania
SBPE1025	1000W x 250H	Satin Titania

> Parts are available for purchase individually

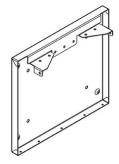
*Available to order in other sizes, please contact customer services for information. *Lead time: 15 days



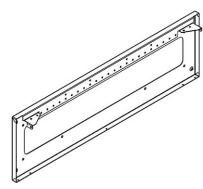
SBCE2525

COLOUR

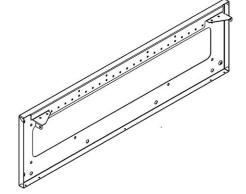
- atin Titania atin Titania atin Titania
- atin Titania



SBOE7525



SBPE7525

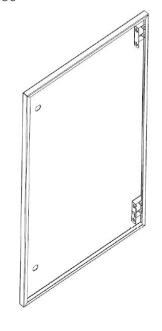


POWER SOLUTIONS

HINGED DOORS

CODE	DIMENSIONS (mm)	COLOUR
250mm		
SBHD2550	250H x 500W	Satin Titania
SBHD2575	250H x 750W	Satin Titania
500mm		
SBHD5025	500H x 250W	Satin Titania
SBHD5050	500H x 500W	Satin Titania
SBHD5075	500H x 750W	Satin Titania
750mm		
SBHD7525	750H x 250W	Satin Titania
SBHD7550	750H x 500W	Satin Titania
SBHD7575	750H x 750W	Satin Titania
1000mm		
SBHD1025	1000H x 250W	Satin Titania
SBHD1050	1000H x 500W	Satin Titania
SBHD1075	1000H x 750W	Satin Titania
1250mm		
SBHD1225	1250H x 250W	Satin Titania
SBHD1250	1250H x 500W	Satin Titania
1500mm		
SBHD1525	1500H x 250W	Satin Titania
SBHD1550	1500H x 500W	Satin Titania

SBHD1050

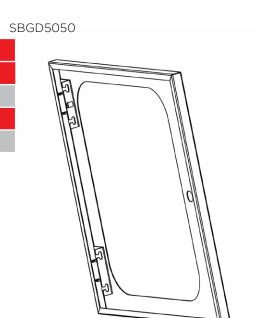


CODE	DIMENSIONS (mm)
500mm	
SBGD5050	500H × 500W
750mm	
SBGD7550	750H x 500W

> Parts are available for purchase individually

*Available to order in other sizes, please contact customer services for information. *Lead time: 15 days

GLAZED DOORS

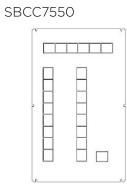




MASKING PANELS

Combination Cover

CODE	DIMENSIONS (mm)	MATERIAL
SBCC7550	750H x 500W	PVC
SBCC1050	1000H x 500W	PVC



Din Cover

CODE	DIMENSIONS (mm)	MATERIAL
SBDC2550	250H x 500W	PVC
SBDC5050	500H x 500W	PVC
SBDC7550	750H x 500W	PVC
SBDC1050	1000H × 500W	PVC

Offset Cover

CODE	DIMENSIONS (mm)	MATERIAL
SBOC5050	500H x 500W	PVC
SBOC5075	500H x 750W	PVC
SBOC7550	750H x 500W	PVC
SBOC7575	750H x 750W	PVC
SBOC1050	1000H × 500W	PVC
SBOC1075	1000H x 750W	PVC

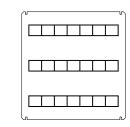
Plain Cover

CODE	DIMENSIONS (mm)	MATERIAL
SBPC2550	250H x 500W	PVC
SBPC5050	500H x 500W	PVC
SBPC7550	750H x 500W	PVC
SBPC1050	1000H × 500W	PVC

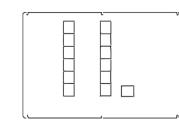
> Parts are available for purchase individually

*Available to order in other sizes, please contact customer services for information. *Lead time: 15 days

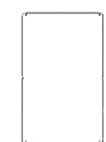
SBDC5050
0000000



SBDO5050



SBDC5050



Gear Trays		
DIMENSIONS (mm)		
250H x 500W		
500H x 250W		
500H x 500W		
750H x 500W		
750H x 750W		
1000H x 500W		
	250H x 500W 500H x 250W 500H x 500W 750H x 500W 750H x 750W	

Gland Plates

CODE	DIMENSIONS (mm)	
SBGP2525	250W x 250D	
SBGP5025	500W x 250D	
SBGP7525	750W x 250D	
SBGA2525	250W x 250D	/
SBGA5025	500W x 250D	/
SBGA7525	750W x 750D	/

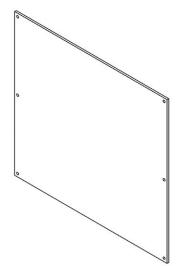
> Parts are available for purchase individually

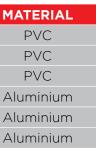
*Available to order in other sizes, please contact customer services for information. *Lead time: 15 days

GEAR TRAYS | GLAND PLATES

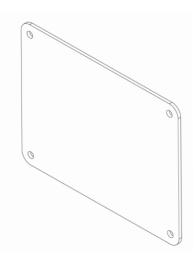
MATERIAL
Pertinax
Pertinax
Pertinax
Pertinax
Pertinax
Pertinax







SBGP2525



PLINTH | MULLONS & SEGREGATION PLATE

PLINTH

Plinth Rail

CODE	DIMENSIONS (mm)	COLOUR
SBPR5025	500W x 250D	Black
SBPR7525	750W x 250D	Black
SBPR1725	750W x 250D	Black
SBPR1025	1000W x 250D	Black
SBPR1225	1250W x 250D	Black
SBPR1525	1500W x 250D	Black

Plinth Separator

CODE	DIMENSIONS (mm)	COLOUR
SBPS0025	225W x 250D	Black
SBPS2525	450W x 250D	Black

MULLONS & SEGREGATION PLATE

Horizontal

CODE	DIMENSIONS (mm)	COLOUR
SBHM2500	250	Satin Titania
SBHM5000	500	Satin Titania
SBHM7500	750	Satin Titania
SBHM1000	1000	Satin Titania

Vertical

CODE	DIMENSIONS (mm)	COLOUR
SBVM2500	250	Satin Titania
SBVM5000	500	Satin Titania
SBVM7500	750	Satin Titania

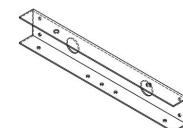
Segregation Plate

CODE	DIMENSIONS (mm)	COLOUR
SBSP2525	250W x 250H	Satin Titania
SBSP5025	500W x 250H	Satin Titania

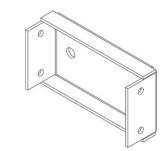
> Parts are available for purchase individually

*Available to order in other sizes, please contact customer services for information. *Lead time: 15 days

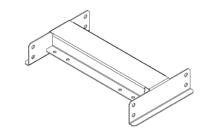
SBPR5025



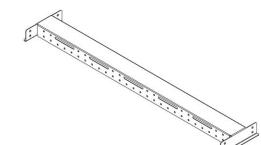
SBPS0025



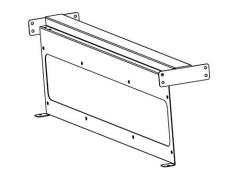
SBHM2500



SBHM2500



SBHM2500



Tunnel Bar Assembly

CODE	SPECIFICATION
MB50700	12W/100A
MB50701	18W/100A
MB50702	24W/100A
MB50703	36W/100A
MB50725	24W/200A
MB50726	36W/200A
MB50727	48W/200A
MB50728	60W/200A

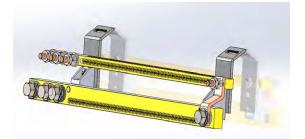
Stud Bar

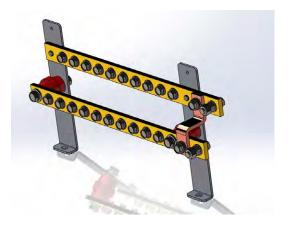
CODE	SPECIFICATION
SB062025	6W/200A
SB102025	10W/200A
SB064025	6W/400A
SB104025	10W/400A

> Parts are available for purchase individually

*Available to order in other sizes, please contact customer services for information. *Lead time: 15 days

TUNNEL BARS





ACCESSORIES

Blanks

CODE	DESCRIPTION
828056	Blanking Strip
610142	Mod Blanks

DESCRIPTION

Masking Panel Bracket

Wall Mount Bracket

"L" Brackets

828056



610142



Handles

Brackets

CODE

SBBRMP00

SBBRWM00

SBBRL000

CODE	DESCRIPTION
MB50604	Door Handles
MB50605	Door Handle Security Lock 2 Keys
MB50601	Security Lock 2 Keys
MB50602	3 Bit Lock

Chasis

*Available on request





MB50604/5



Din Rail Punched

CODE	LENGTH (mm
DRA/P90	90
DRA/P333	333
DRA/P435	435

Din Rail

CODE	LENGTH (mm
DRA90	90
DRA160	160
DRA280	280
DRA333	333
DRA435	435
DRA700	700
DRA1000	1000
DRA2000	2000

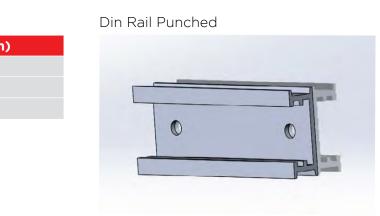
> Parts are available for purchase individually

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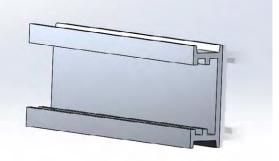
> Parts are available for purchase individually

*Available to order in other sizes, please contact customer services for information. *Lead time: 15 days

DIN RAILS







TEMPORARY POWER BOX

CODE: TPB01







CODE	D	DESCRIPTION		WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)
VAB24	24 Way	2 Rows	ARIA 43	300	400	170
VAB54	54 Way	3 Rows	ARIA 54	400	500	230
VAB88	88 Way	4 Rows	ARIA 75	500	700	270

DESCRIPTI	CODE
Neutral har	831003
Handle with lock and I	831004
Wall mounting bracket s	831000



CODE	OUTLETS	PROTECTION	METERING	MATERIAL	IP RATING
TPB01	Double 15A Socket	20A RCBO	Provision for Meter	Powder Coated Steel	IP23

> TPB01 is AS/NZS 3012:2010 compliant - Construction & Demolition sites



IP66

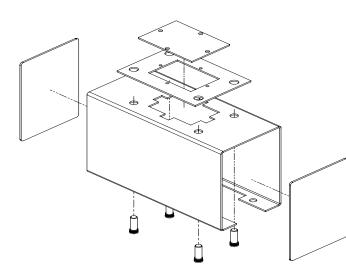
Outdoor Suitable

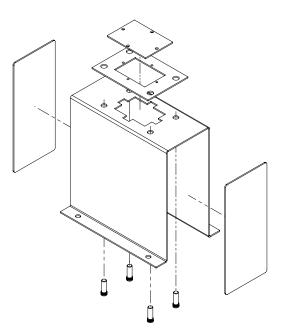
- Fully assembled din mount and ready to install
- 3 sizes 24, 54 and 88 way
- Tough glass reinforced polyesterImpact Rating: IK10

- Plinths and bases availableComplete with: Din rail, E/N bars, 3mm bit lock and key, Din cover, Circuit chart

ION ndle 2 keys V2432E stainless, set of 4

ARIA Plinth & Base Sets





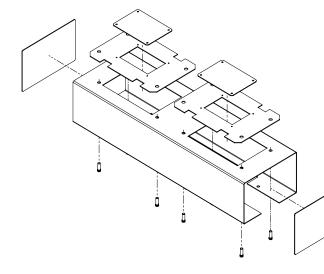
Aluminium Plinth Set

CODE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	REFERENCE
ARIA43PL	200	315	135	ARIA 43C
ARIA564PL	200	415	200	ARIA 54C and ARIA64C
ARIA75PL	200	535	220	ARIA75PC
ARIA86PL	200	635	260	ARIA86C
ARIA108PL	200	835	260	ARIA 108C

Aluminium Ground Planted Base Set

CODE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	REFERENCE
ARIA43BSETAL	300	315	135	ARIA 43C
ARIA564BSETAL	300	415	200	ARIA 54C and ARIA 64C
ARIA75BSETAL	300	535	220	ARIA 75C
ARIA86BSETAL	300	635	260	ARIA 86C
ARIA108BSETAL	300	825	260	ARIA108C

POLYSAFE Plinth & Base Sets



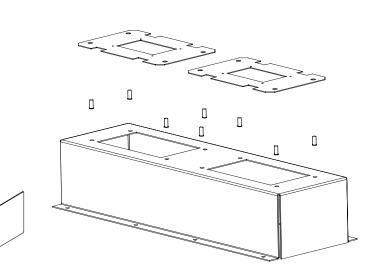
Aluminium Plinth Set

CODE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	SUITS
PS500WPL	200	500	310	PS220/320
PS750WPL	200	750	310	PS230/330/430/530
PS1000WPL	200	1000	310	PS340/330/442/542/546
PS1250WPL	200	1250	310	PS352/452

Aluminium Ground Planted Base Set

CODE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	SUITS
PS500WBSETAL	300	500	310	PS220/320
PS750WBSETAL	300	750	310	PS230/330/430/530
PS1000WBSETAL	300	1000	310	PS340/330/442/542/546
PS1250WBSETAL	300	1250	310	PS352/PS452

PLINTHS & BASES





Single Phase Changeover - IP65

Supplied with single phase inlet and 63A 2-pole changeover switch

	CODE	DESCRIPTION	SUPPLIED WITH				
	EC116	Single phase, 16A Inlet	16A 230V 3-pin appliance inlet, IP67				
			63A 2-pole changeover switch				
	EC132	Single phase, 32A Inlet	32A 230V 3-pin appliance inlet, IP67				
	ECI52	Single phase, 32A met	63A 2-pole changeover switch				
	EC163	EC163 Single phase, 63A Inlet	63A 230V 3-pin appliance inlet, IP67				
	ECIOS	Single priase, 65A inlet	63A 2-pole changeover switch				
Dimensions			390H x 185W x 210D				



Three Phase Changeover - IP65

Supplied with three phase inlet and 63A 4-pole changeover switch

CODE	DESCRIPTION	SUPPLIED WITH				
	Three phase 724 lplat	SUPPLIED WITH32A 400V 5-pin appliance inlet, IP6763A 4-pole changeover switch63A 400V 5-pin appliance inlet, IP6763A 4-pole changeover switch				
EC332	Three phase, 32A Inlet	63A 4-pole changeover switch				
	Three phase CZA lalet	63A 400V 5-pin appliance inlet, IP67				
EC363	Three phase, 63A Inlet	63A 4-pole changeover switch				
Dimensions	nensions 480H x 300W x 210D					

KIOSK ASSEMBLY

PDC's kiosk range is fully customisable to suit any application. The range is constructed using robust materials to protect the switchboard inside.

Contact us to discuss your project, or see overleaf for our standard kiosk sizes.

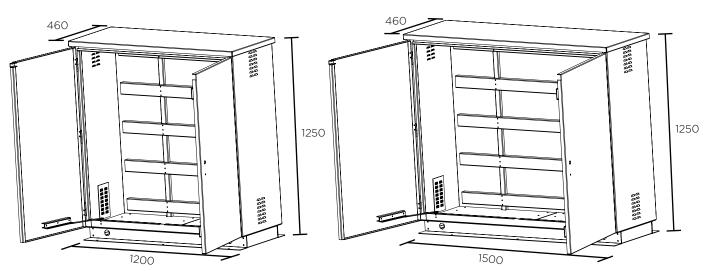
Features:

- IP44 ingress protected body
- Marine grade aluminium body protects against corrosion.
- Powder coated for extra durability.
- Designed for clean internal self-ventilation.
- Designed for use with the FORME250 range.
- Custom sizes are available on request.

KIOSK ASSEMBLY

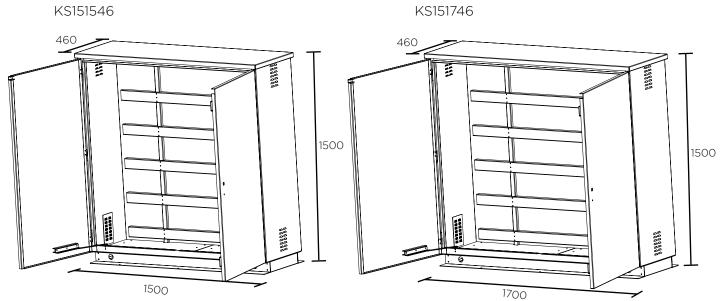
KS121246

KS121546





KS15 Series



KS12 Series

CODE	DIMENSIONS (mm)	MATERIAL
KS121246	1250Hx1200Wx460D	Marine Grade Aluminium
KS121546	1250Hx1500Wx460D	Marine Grade Aluminium

KIOSK ASSEMBLY

POWER SOLUTIONS



INTRODUCTION



Nomad is a division of PDC specialising in rugged and reliable portable and temporary power solutions. Since 1994, Nomad has manufactured customised units for construction sites, the defence force, heavy industry businesses, marinas and camping grounds.



Portable power products were used in the film set of The Lord Of The Rings, The Hobbit, King Kong and Avatar.



Nomad products have been used in a number of projects for Construction Companies such as Cook Brothers Construction, Hawkins, Leighs Construction, Fletcher Construction, Freeman Ball etc.



In 1999, Nomad won the New Zealand Defence Award for portable distribution system for their New Zealand Army field units.

Research & Development

Nomad is heavily invested in research & development, and aims to bring the most innovative portable solutions to the market. Nomad can deliver customised solutions for diverse project requirements, including portable power units, portable LED systems and interconnecting leads.



4 Way IP44 Powerboard designed for the New Zealand Army.

			4X PORTABLE P
CODE	OUTLETS	QUANTITY	VOLTAGE
NOMAD4	10A	4	230V
PROTE			

IP56	RCBO (MC

- Socket covers latch in the open position
- Complies with AS/NZS3012 & AS/NZS3190
- Can be hung from a wall fixing

		6		ER BOARD
CODE	OUTLETS	QUANTITY	VOLTAGE	CONFIGURATION
NOMAD6	10A	6	230V	Auto Socket AS/NZ 2P +E

PROTECTI	ON
----------	----

IP56	RCBO (MCB

- Socket covers latch in the open position
- Complies with AS/NZS3012 & AS/NZS3190
- 2x USB Outlets (5V 2.1Amp)
- Phone holder
- Carry handle
- Handle also acts as hanging bracket

PORTABLE POWER PRODUCTS

E POWER BOARD

CONFIGURATION

Auto Socket AS/NZ 2P +E

INPUT

CB/RCD) = 10A 30mA, 1P+N TypeA 6kA 230V



INPUT

B/RCD) = 10A 30mA, 1P+N TypeA 6kA 230V





NOMAD

		N32	
INPUT		WEIGHT	PROTECTION
1 X 32A, 400V, 3PH	+ E + N	16KG	IP65
OUTLETS	QUANTITY	VOLTAGE	CONFIGURATION
32A	1	400V	IEC, 3PH + E + N
16A	1	230V	IEC 2P + E (RCD PROTECTED)
15A	10	230V	AS/ NZ, 2P + E (RCD PROTECTED)

• Complies with AS/NZS3190:20011 & AS/NZS3012:2010



N63				
INPUT		WEIGHT	PROTECTION	
1 X 64A, 400V, 3PH -	+ E + N	16KG	IP65	
OUTLETS	QUANTITY	VOLTAGE	CONFIGURATION	
63A*	1	400V	IEC, 3PH + E + N	
32A*	1	400V	IEC, 3PH + E + N	
32A	1	400V	AS/NZ, 3P + E + N (RCD PROTECTED)	
16A	1	400V	IEC, 2P + E (RCD PROTECTED)	
15A	4	400V	AS/NZ, 2P + E (RCD PROTECTED)	
AMPHENOL 16A	1	400V	3P + E (RCD PROTECTED)	

• Complies with AS/NZS3190:20011 & AS/NZS3012:2010



			NC
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	WEIG	нт	
	55K0	ć	
OUTLETS	QUANTITY	VOLTAGE	CONFI
63A	3	400V	IEC, 3F
32A	3	400V	IEC, 3F
16A	2	230V	IEC (RCD PI
15A	4	230V	AS/N (RCD PI

The Nomad 250 series is the main distribution hub for the Nomad system. It provides the entry point for the incoming supply to the construction site. From the Nomad 250 any number of other Nomad products can be connected, providing power to the whole site.

The Nomad 250 is supplied with a combination of three phase and single phase sockets providing portable power to all parts of a construction site.

The Nomad 250C* is provided with a separate 250A MCCB for a Crane takeoff.

* Customisation available on request.

PORTABLE POWER PRODUCTS

OMAD 250

DISTRIBUTION

INPUT

250A, 400V, 3PH + E + N

IGURATION

3PH + E + N 3PH + E + N C, 2P + E PROTECTED) NZ, 2P + E PROTECTED)

APPLICATION NOMAD 63 NOMAD 32 & PORTABLE BUILDINGS LIGHTING & PORTABLE BUILDINGS LOCAL USE





NOMAD

	NOMAD TEMPORARY SITE LIGHTING						
	CODE	POWER	CONNECTION	LAMP	LUMEN OUTPUT	LIGHTS	PROTECTION
	NOMADL10	230-240V A.C 0.5A	16A, IP67 3 Round Pin Plug and Connector	Single Fitting 9W / Chain of 10x 90W	1300 Per Light	10	IP65* / IK08
1	NOMADL10A	230-240V A.C 0.5A	10A, IP66 3 Flat Pin Plug and Connector	Single Fitting 9W / Chain of 10x 90W	1300 Per Light	10	IP65* / IK08 *when connected
NOMADLIDA 230-240V A.C 10A, IP66 3 Flat Pin Single Fitting 9W/ Chain 1300 Per 10 IP65*/IK08 • 25m lighting string • 2.5m distance between each light • Complies with AS/NZS60598.1& ASNZS60598.2.20 • Polycarbonate housing and lens • Rubberised cord block and hanging clip • Lighting • Difference • NomADLIO • Nomapping • Nomapping							

NOMAD PORTABLE LED LIGHT FITTINGS								
CODE	PLUG/SOCKET	FITTING SIZE	WEIGHT					
NOMADL2A	Amphenol, IP65, 16A, 4 Pin*	2ft	2.6 kg					
NOMADL4M	IEC 16A, IP65, 16A, 3 Pin*	4ft	4.5 kg					
SUPPLY	LED LAMP	SUPPLY L	EAD					
230V-240V, 50Hz	2ft 35W/4ft 45W	1.5mm ²	5m					

*Other configurations available on request

NOMAD PORTABLE LED LIGHT FITTINGS WITH BATTERY BACKUP

CODE	PLUG/SOCKET	I
NOMADL2MBB	IEC, 2P + E 16A	
SUPPLY	LED LAMP	
230V-240V, 50Hz	2ft 35W/4ft 45W	

PORTABLE LIGHTING SYSTEMS



FITTING SIZE

WEIGHT

1 hour of light after loss or disconnection of power. Can be used in conjunction with any Nomad Series LED Light.

3.5 kg



SUPPLY LEAD

1.5mm² 5m



NOMAD INTERCONNECTING LEADS						
CODE	LENGTH	AMPERAGE	VOLTAGE	CABLE (SCREENED)		
NL3210	10M	32A	400V	6mm ² 3PH + E + N		
NL3220	20M	32A	400V	6mm ² 3PH + E + N		
NL3230	30M	32A	400V	6mm ² 3PH + E + N		
NL3240	40M	32A	400V	6mm ² 3PH + E + N		
NL6310	10M	63A	400V	16mm² 3PH + E + N		
NL6320	20M	63A	400V	16mm² 3PH + E + N		
NL6330	30M	63A	400V	16mm² 3PH + E + N		
NL6340	40M	63A	400V	16mm ² 3PH + E + N		

Supplied in two sizes – 32A and 63A and varying lengths to suit the layout of the construction site. The leads will interconnect the products in the Nomad range together providing a versatile power distribution system.

Nomad Interconnecting Leads are supplied with Mennekes IEC 60309 Plugs and Connectors and heavy duty XLPE Insulated cable. For added protection against the rigors of construction site use the cable is screened.



NOTES





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