

C O N T E N T S



COMMERCIAL
INDUSTRIAL
DISPLAY

ARCHITECTURAL — Wall Lighting

EXTERNAL
CONTROL GEARS

ARCHITECTURAL



WALL LIGHTING

Frater FRWL series are suitable for a wide range of lamp types from the normal Standard Incandescent lamps, halogen lamps, CFL lamps, PAR Lamps and the High Intensity discharge lamps. They are available for both recessed and surface mounted application & can be used as outdoor Luminaire such as step lights, on compound wall and as bulkheads. The main features of this range are the excellent Ingress protection 65 due to the presence of silicon gasket, stainless steel screws & pre-treated chromatised surface.

Material & Finish :

Housing & Frame: Made of corrosion resistant Die-cast aluminium and powder coated with UV stabilized polyester with optional colours such as Black, silver and white.

Profile: The profile of the UP-DOWN lights is made of corrosion resistant Extruded aluminium.

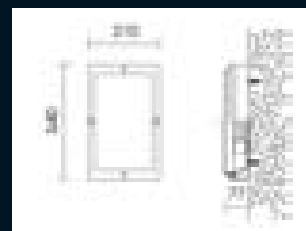
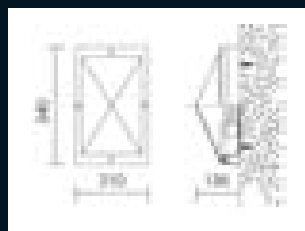
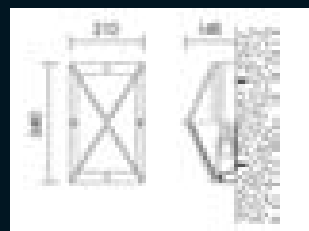
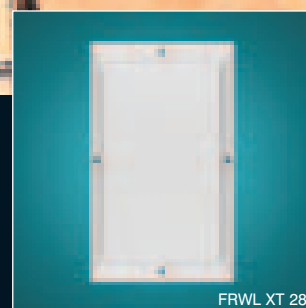
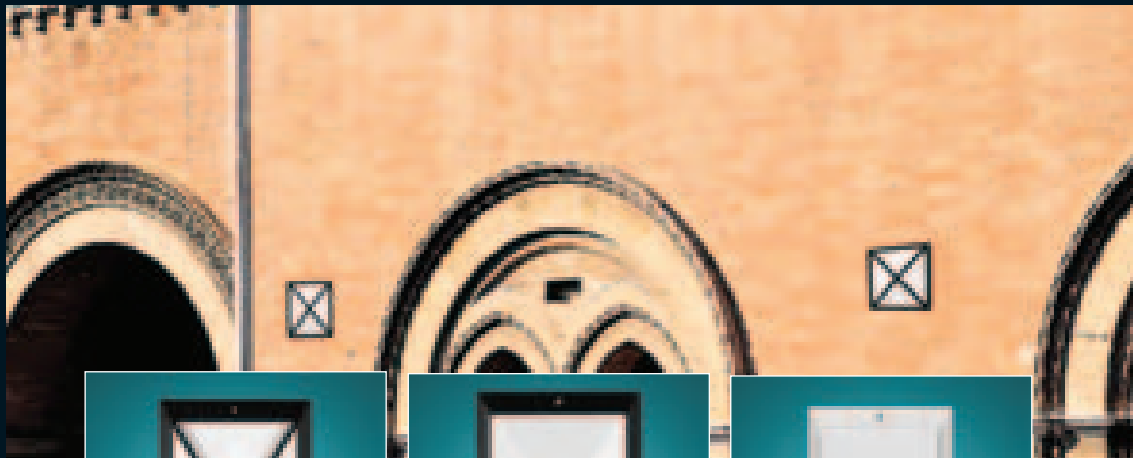
Diffuser: The wall lights come in different diffuser ranges, such as the UV stabilised Prismatic Acrylic (PMMA), Clear or Opal polycarbonate diffusers, frosted tempered glass in case of recessed wall lights & clear tempered glass in UP-DOWN lights to provide excellent aesthetic & uniform light distribution.

Lamp holders: Flame-retardant polycarbonate holders with phosphor bronze contact and porcelain holders for E27 base.

Wiring: PVC insulated single strand heat resistant wiring that withstands temperature up to 105°C.

WALL LIGHTING

FRWL - X-TRAIL SERIES



Model	Lamp	Lamp holder	Wattage
FRWL XT 26/27	GLS	E27	60W
FRWL XT 26/27	TC-S	G23	2x11W
FRWL XT 26/27	TC-D	G24	18 / 26W
FRWL XT 26/27	PLE-U	E27	20W

colours available



Model	Lamp	Lamp holder	Wattage
FRWL XT 28	TC-S	G23	2X11W

FRATER®



OPTIONS

RF Capacitor	220V	230V	240V	50Hz	60Hz
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



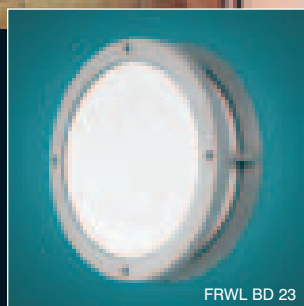
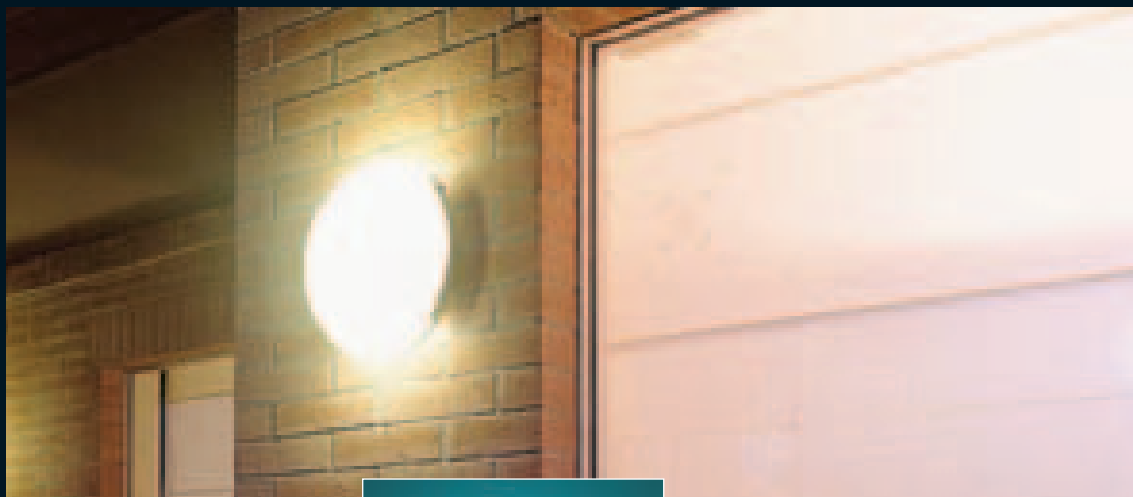
Model	Lamp	Lamp holder	Wattage
FRWL XT 24	TC-S	G23	2X9W

Model	Lamp	Lamp holder	Wattage
FRWL XT 32	GLS	E27	100W
FRWL XT 32	QT32	E27	100W
FRWL XT 32	TC-D	G24	2x18/26W
FRWL XT 32	TC-TEL	GX24q-4	2x42W
FRWL XT 32	PLE-U	E27	2x23W

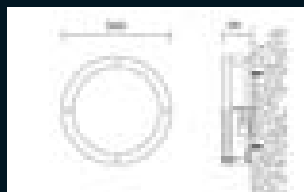


WALL LIGHTING

FRWL - BORDER SERIES



FRWL BD 23



Model	Lamp	Lamp holder	Wattage
FRWL BD 23	TC-S	G23	2x11W
FRWL BD 23	TC-D	G24	2x18/26W

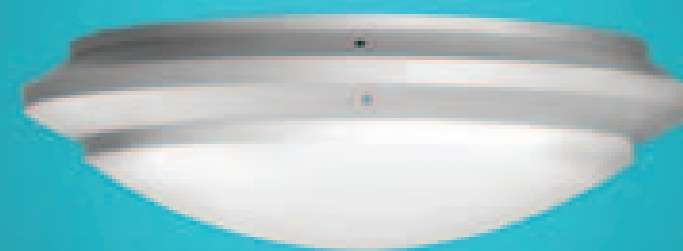
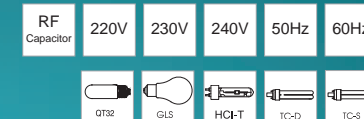
colours available



FRATER®



OPTIONS



FRWL BD 21

Model	Lamp	Lamp holder	Wattage
FRWL BD 21	TC-S	G23	2x11W
FRWL BD 21	TC-D	G24	2x18/26W

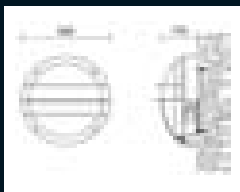


WALL LIGHTING

FRWL - BORDER SERIES



colours available



Model	Lamp	Lamp holder	Wattage
FRWL BD 17	GLS	E27	100W
FRWL BD 17	QT32	E27	100W
FRWL BD 17	TC-D	G24	2x18/26W
FRWL BD 17	TC-TEL	GX24q-4	2x42W
FRWL BD 17	PLE-U	E27	2x23W

FRATER®



OPTIONS

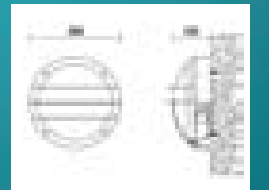
RF Capacitor	220V	230V	240V	50Hz	60Hz
0T32	GLS	HCF-T	PLE-U	TC-D	TC-T



FRWL BD 17/43/47



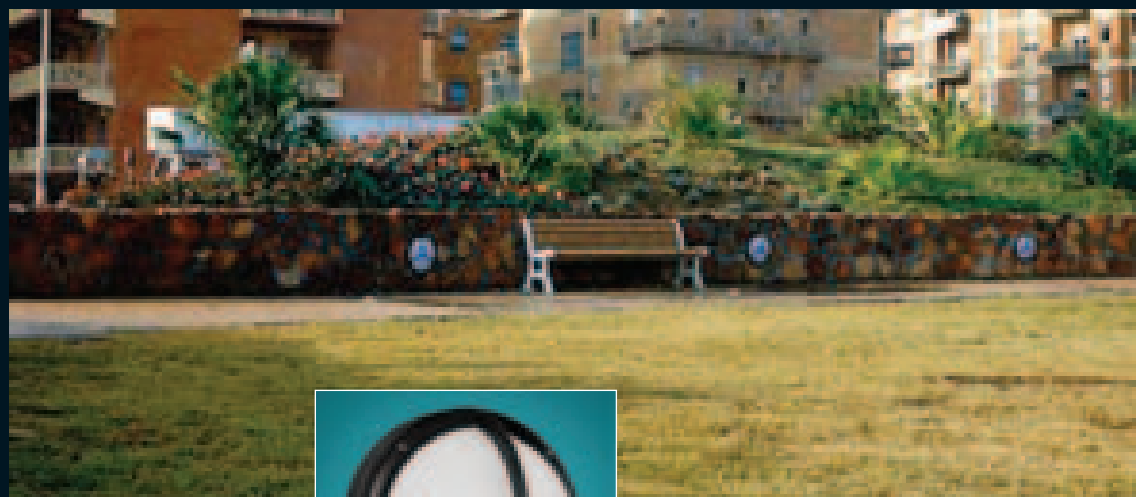
Model	Lamp	Lamp holder	Wattage
FRWL BD 43	TC-S	G23	2x9 W
FRWL BD 43	TC-D	G24	2x18/26 W



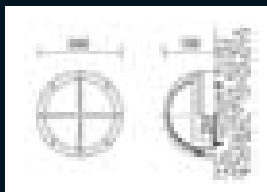
Model	Lamp	Lamp holder	Wattage
FRWL BD 47	GLS	E27	60W
FRWL BD 47	TC-D	G24d-2	1x18W
FRWL BD 47	TC-S	G23	2x9 W
FRWL BD 47	PLE-U	E27	1x15W

WALL LIGHTING

FRWL - BORDER SERIES



FRWL BD 11/12



colours available



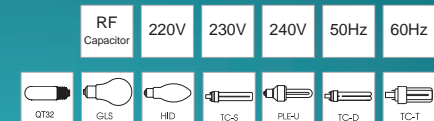
Model	Lamp	Lamp holder	Wattage
FRWL BD 11	GLS	E27	60W
FRWL BD 11	TC-S	G23	2x9W
FRWL BD 11	TC-D	G24d-2	18W
FRWL BD 11	PLE-U	E27	15W

Model	Lamp	Lamp holder	Wattage
FRWL BD 12	GLS	E27	100W
FRWL BD 12	QT32	E27	100W
FRWL BD 12	TC-D	G24	2x18/26W
FRWL BD 12	TC-TEL	GX24q-4	2x42W
FRWL BD 12	PLE-U	E27	2x23W
FRWL BD 12	HPMV	E27	80W
FRWL BD 12	HPSV	E27	70W
FRWL BD 12	MH	E27	70W

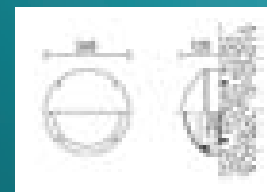
FRATER



OPTIONS



FRWL BD 15/16/42



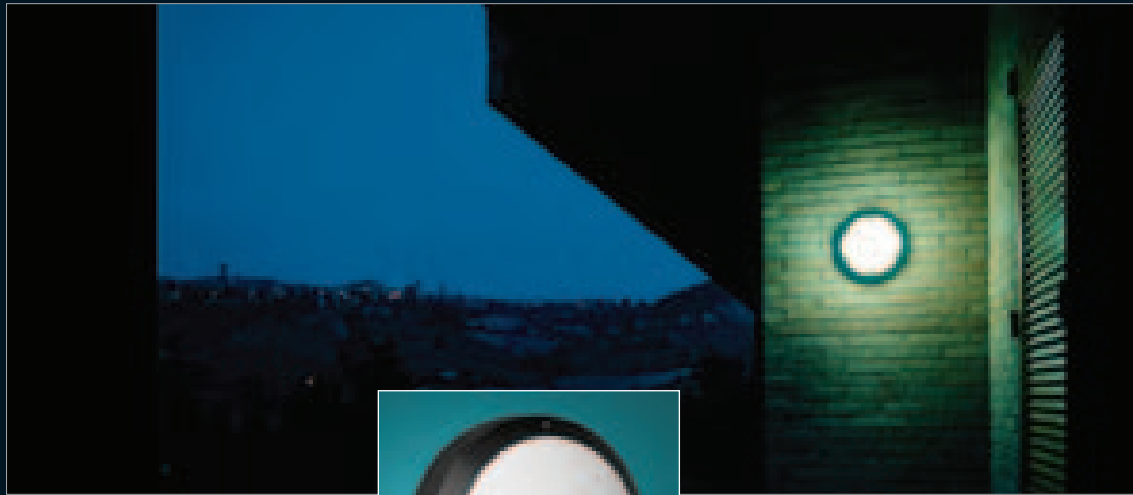
Model	Lamp	Lamp holder	Wattage
FRWL BD 42	TC-S	G23	2x9 W
FRWL BD 42	TC-D	G24d-3	2x26 W

Model	Lamp	Lamp holder	Wattage
FRWL BD 15	GLS	E27	60W
FRWL BD 15	TC-S	G23	2x9W
FRWL BD 15	TC-D	G24d-2	18W
FRWL BD 15	PLE-U	E27	15W

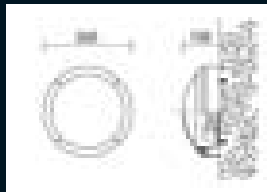
Model	Lamp	Lamp holder	Wattage
FRWL BD 16	GLS	E27	100W
FRWL BD 16	QT32	E27	100W
FRWL BD 16	TC-D	G24	2x18/26W
FRWL BD 16	TC-TEL	GX24q-4	2x42W
FRWL BD 16	PLE-U	E27	2x23W

WALL LIGHTING

FRWL - BORDER SERIES



FRWL BD 9/10



colours available



Model	Lamp	Lamp holder	Wattage
FRWL BD 9	GLS	E27	60W
FRWL BD 9	TC-S	G23	2x9W
FRWL BD 9	TC-D	G24d-2	18W
FRWL BD 9	PLE-U	E27	15W

Model	Lamp	Lamp holder	Wattage
FRWL BD 10	GLS	E27	100W
FRWL BD 10	QT32	E27	100W
FRWL BD 10	TC-D	G24d-3	2x26W
FRWL BD 10	TC-TEL	GX24q-4	2x42W
FRWL BD 10	PLE-U	E27	2x23W

FRATER®

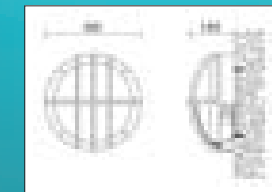


OPTIONS

RF Capacitor	220V	230V	240V	50Hz	60Hz
QT32	GLS	TC-S	PLE-U	TC-D	TC-T



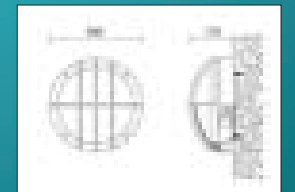
FRWL BD 13/14/41



Model	Lamp	Lamp holder	Wattage
FRWL BD 41	TC-S	G23	2X11 w
FRWL BD 41	TC-D	G24d-3	2x26 w



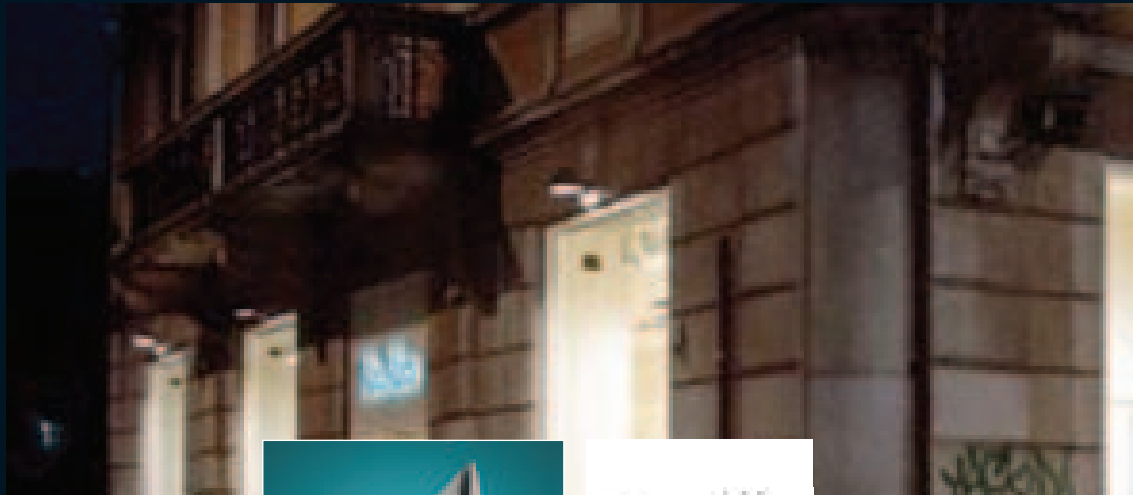
Model	Lamp	Lamp holder	Wattage
FRWL BD 13	GLS	E27	60W
FRWL BD 13	TC-S	G23	2x9W
FRWL BD 13	TC-D	G24d-2	18W
FRWL BD 13	PLE-U	E27	15W



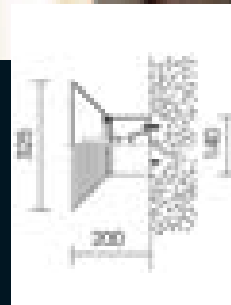
Model	Lamp	Lamp holder	Wattage
FRWL BD 14	GLS	E27	100W
FRWL BD 14	QT32	E27	100W
FRWL BD 14	TC-D	G24d-3	2x26W
FRWL BD 14	TC-TEL	GX24q-4	2x42W
FRWL BD 14	PLE-U	E27	2x23W

WALL LIGHTING

FRWL - BORDER SERIES



FRWL BD 29



Model	Lamp	Lamp holder	Wattage
FRWL BD 29	QT32	E27	60W

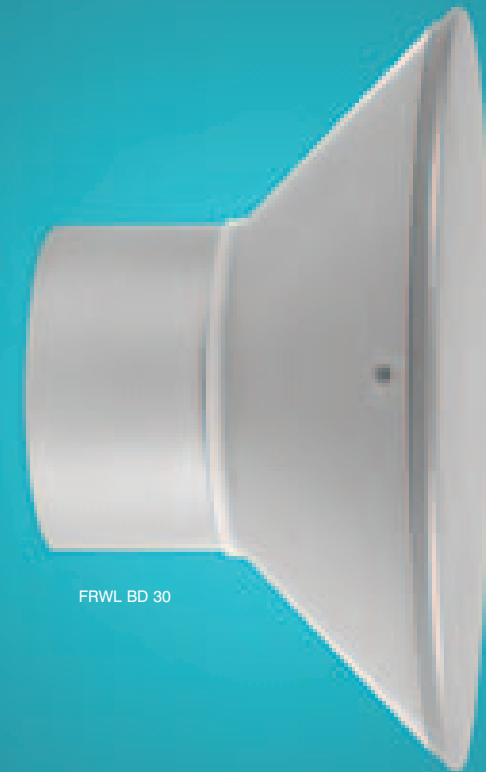
colours available



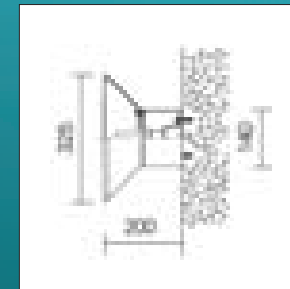
FRATER



OPTIONS



FRWL BD 30

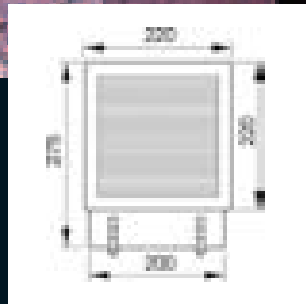
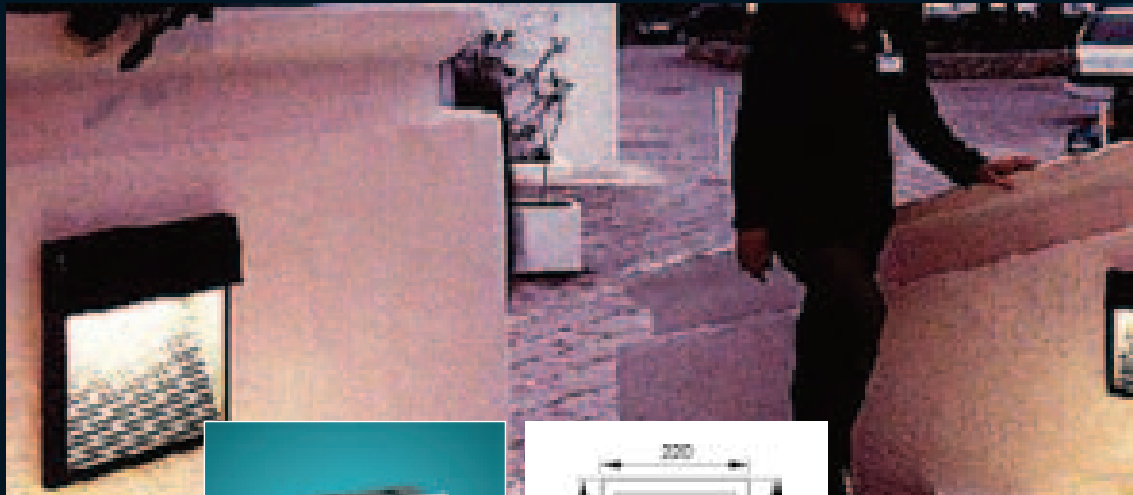


This wall light comes with a number of advantages: Corrosion resistant die-cast aluminum body, corrosion resistant extruded aluminum profile, UV stabilised prismatic polycarbonate diffuser, UV stabilised opal polycarbonate diffuser, stainless steel screws, weather proof silicon gaskets, chromated surface pre-treatment, UV stabilised polyester powder coat with black finish.

Model	Lamp	Lamp holder	Wattage
FRWL BD 30	QT32	E27	60W

WALL LIGHTING

FRWL - PRIDE SERIES



Model	Lamp	Wattage	Lamp holder
FRWL PR 02	1XTC-D	10 / 13W	G 24d1
FRWL PR 02	1XTC-D	18W	G 24d2
FRWL PR 02	1XTC-D	26W	G 24d3

FRATER®



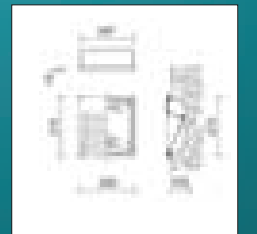
OPTIONS



FRWL PR 01

Model	Lamp	Lamp holder	Wattage
FRWL PR 01	QT32	E27	60W
FRWL PR 01	TC-D	G24	18/26W

colours available

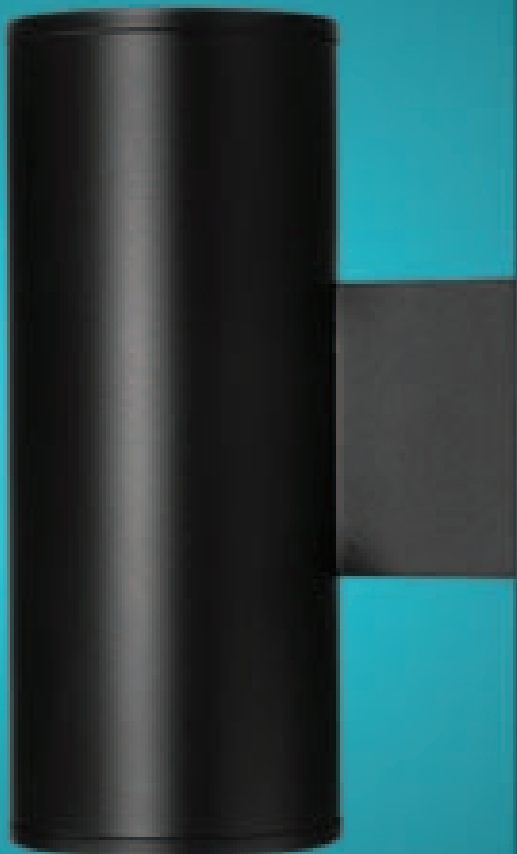


The square recessed wall luminaire for compact fluorescent lamp with indirect light effect has an asymmetrical light distribution that can be directed downwards to flood the floor or upwards to brighten the ceiling. Its satin metallic silver color square trim built-in with aluminum tannenbaum profile curved reflector creates an impressive appearance.

FRATER



OPTIONS



FRWL - UD 20/30/40



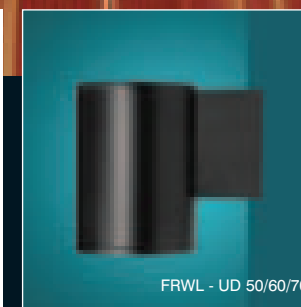
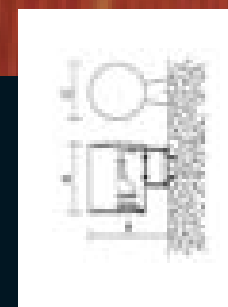
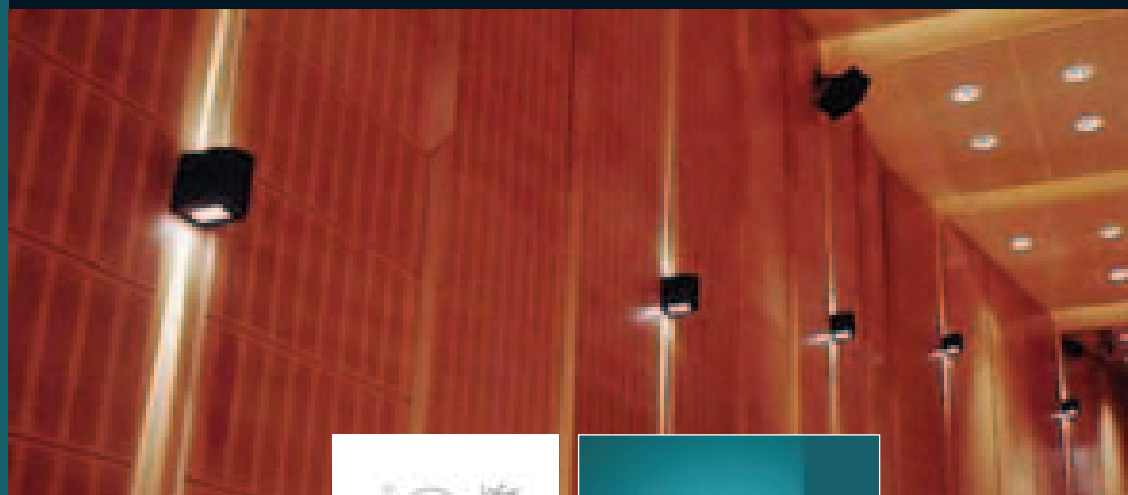
colours available



Model	Lamp	Lamp Holder	Dimension in mm		
			A	B	C
FRWL - UD 20	PAR20 2X50W	E27	250	165	105
FRWL - UD 30	PAR30 2X75W	E27	350	220	140
FRWL - UD 40	PAR38 2X100W	E27	400	255	175

WALL LIGHTING

FRWL - UD SERIES



FRWL - UD 50/60/70

Model	Lamp	Dimension in mm			
		Lamp holder			
FRWL - UD 50	PAR20 1X50W	E27	135	165	105
FRWL - UD 60	PAR30 1X75W	E27	180	220	140
FRWL - UD 70	PAR38 1X100W	E27	200	255	175

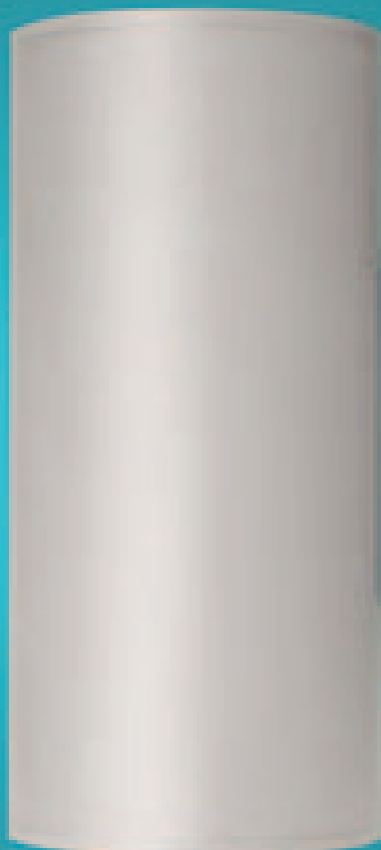
FRATER



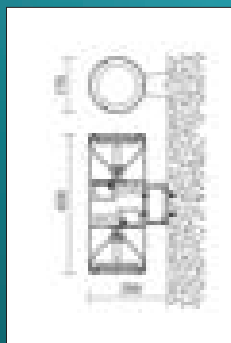
OPTIONS



220V 230V 240V 50Hz 60Hz



FRWL - UD 80



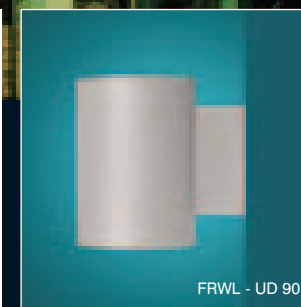
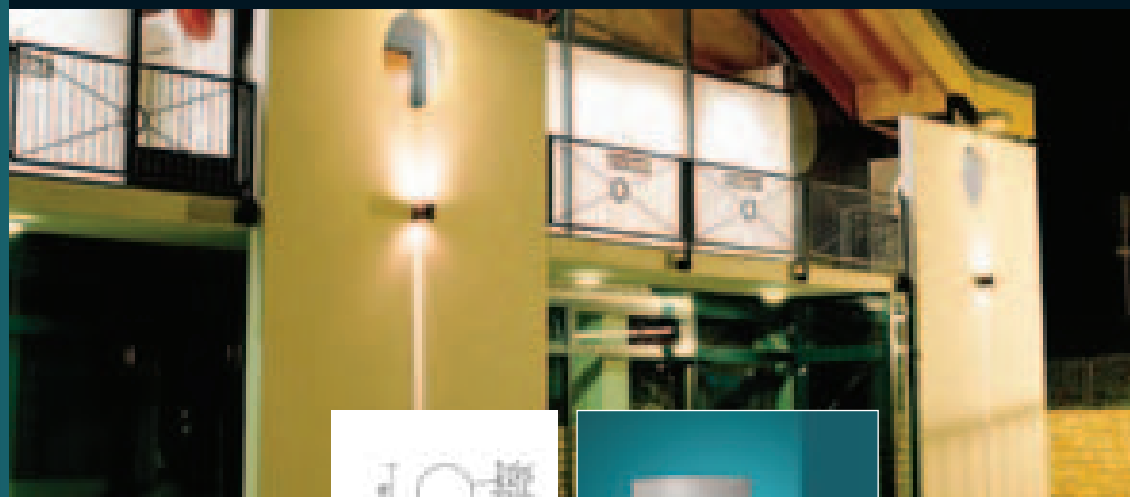
colours available



Model	Lamp	Lamp holder	Wattage
FRWL - UD 80	TC-D	G24d-3	2x26W
FRWL - UD 80	TC-TEL	GX24q-4	2x42W
FRWL - UD 80	HIT	G12	2x35/70W

WALL LIGHTING

FRWL - UD SERIES



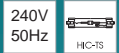
FRWL - UD 90

Model	Lamp	Lamp holder	Wattage
FRWL - UD 90	TC-D	G24d-3	1x26W
FRWL - UD 90	TC-TEL	GX24q-4	1x42W
FRWL - UD 90	HIT	G12	1x35/70W

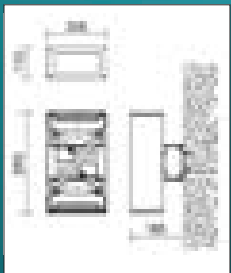
FRATER



OPTIONS



FRWL - UD 25



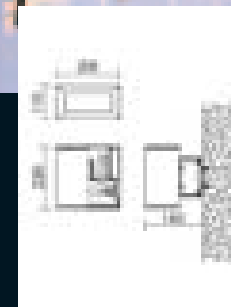
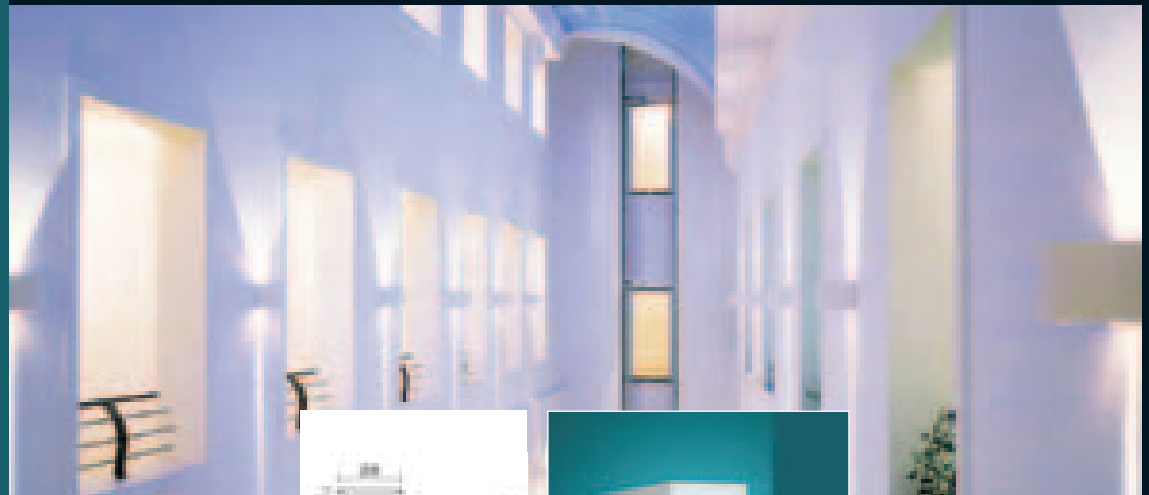
colours available



Model	Lamp	Lamp holder	Wattage
FRWL - UD 25	QT-DE12	R7s	2x150W
FRWL - UD 25	HIT-DE	Rx7s	2x70W

WALL LIGHTING

FRWL - UD SERIES



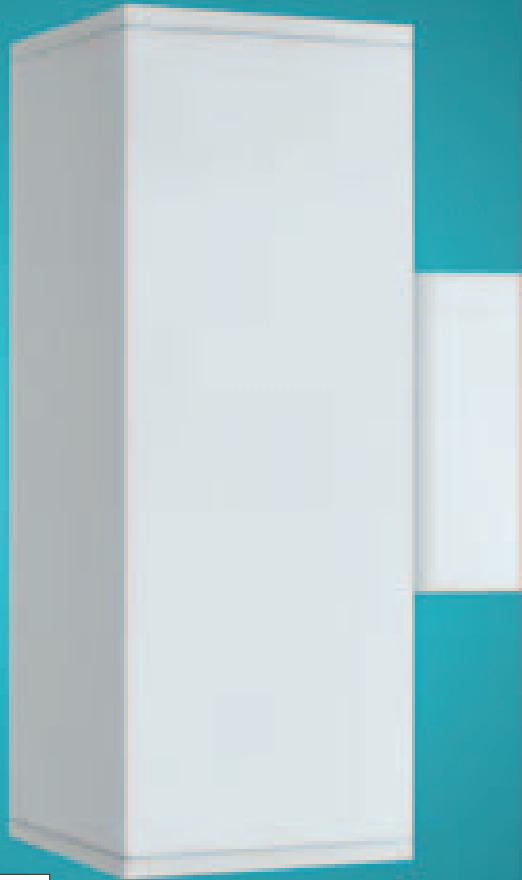
FRWL - UD 35

Model	Lamp	Lamp holder	Wattage
FRWL - UD 35	QT-DE12	R7s	150W
FRWL - UD 35	HIT-DE	Rx7s	70W

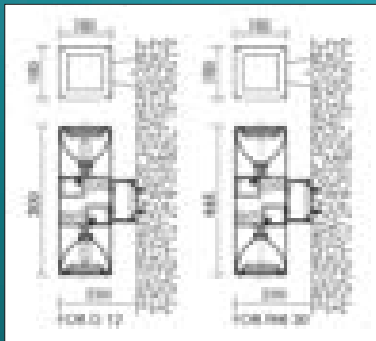
FRATER



OPTIONS



FRWL - UD 45



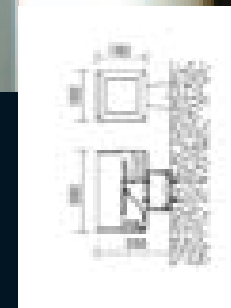
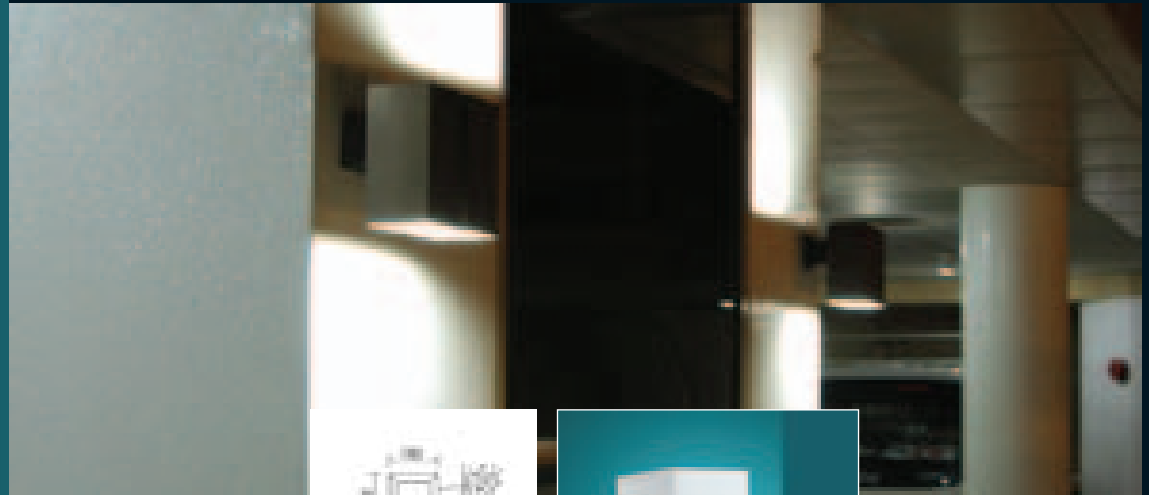
colours available



Model	Lamp	Lamp holder	Wattage
FRWL - UD 45	PAR30	E27	2x75W
FRWL - UD 45	HIT	G12	2x35W

WALL LIGHTING

FRWL - UD SERIES

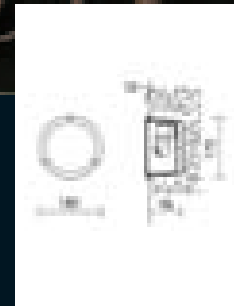
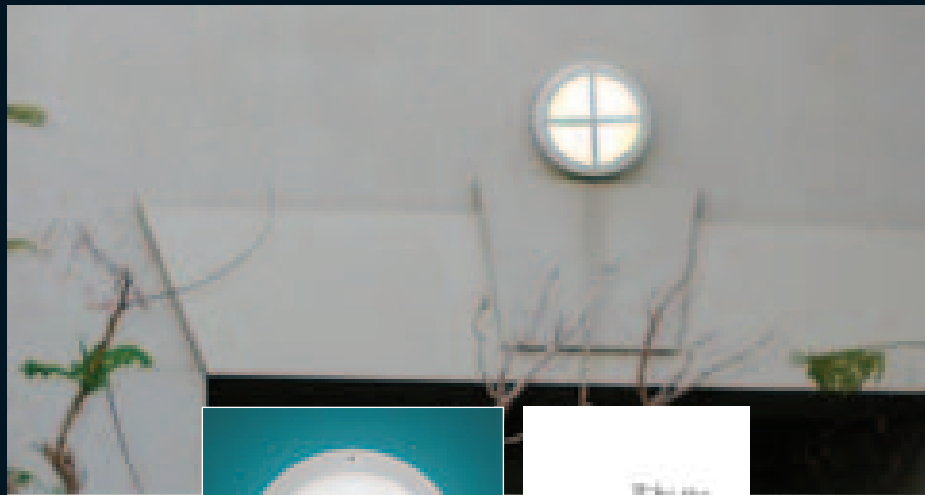


FRWL - UD 55

Model	Lamp	Lamp holder	Wattage
FRWL - UD 55	PAR30	E27	75W
FRWL - UD 55	HIT	G12	35W

WALL LIGHTING

FRWL - IRIS SERIES



FRWL IR 08

Model	Lamp	Lamp holder	Wattage
FRWL IR 08	GLS	E27	40W
FRWL IR 08	TC-D	G24d-1	10W

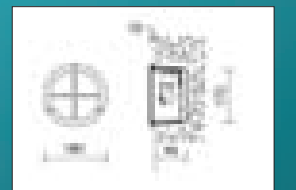
FRATER®



OPTIONS



FRWL IR 09



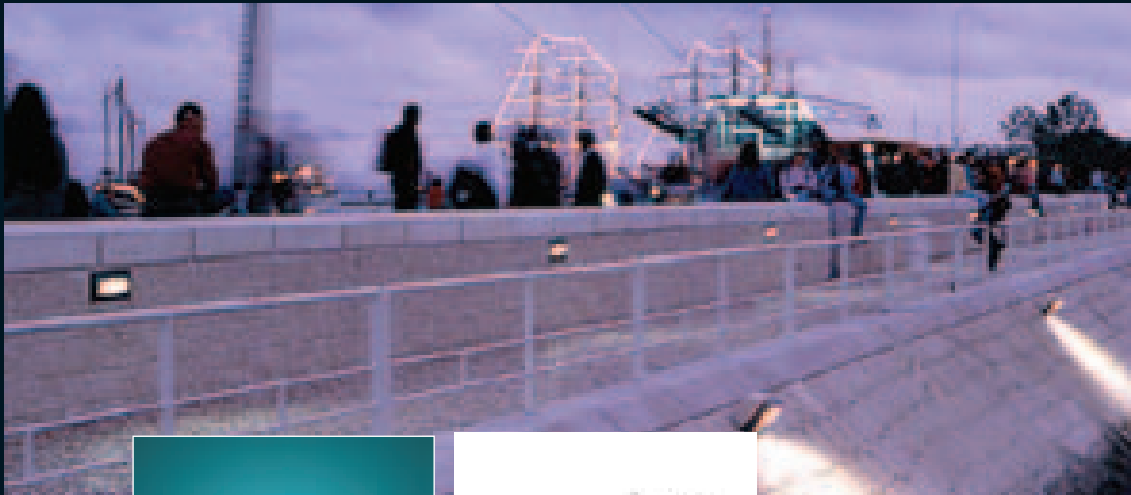
colours available



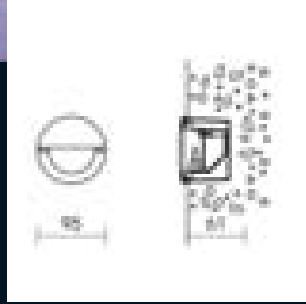
Model	Lamp	Lamp holder	Wattage
FRWL IR 09	GLS	E27	40W
FRWL IR 09	TC-D	G24d-1	10W

WALL LIGHTING

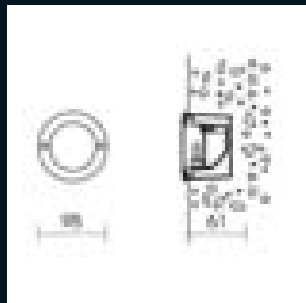
FRWL - IRIS SERIES



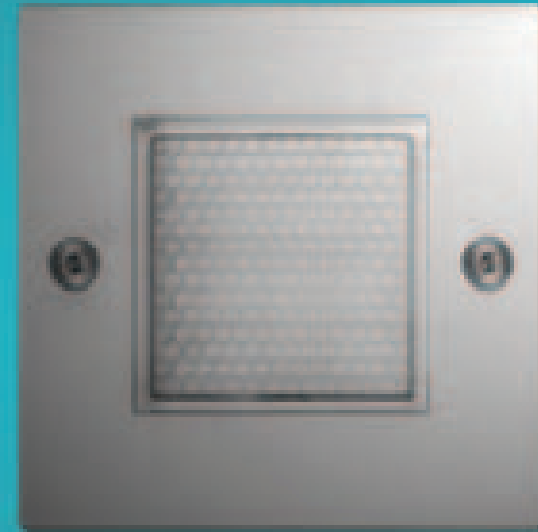
FRWL IR 12



FRWL IR 14

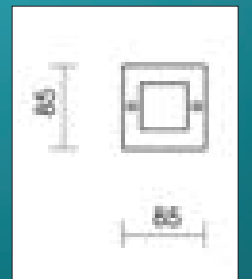


colours available



FRWL IR 13

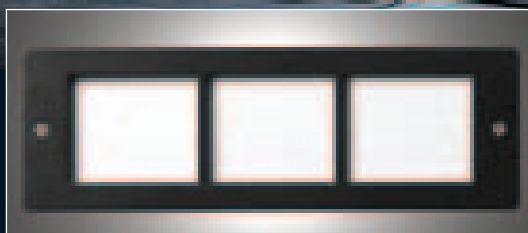
Model	Lamp	Lamp holder	Wattage
FRWL IR 12	QT9	G4	12V/10W
FRWL IR 13	QT9	G4	12V/10W
FRWL IR 14	QT9	G4	12V/10W



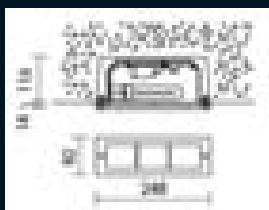
A clear prismatic polycarbonate diffuser and ABS plastic casing lends a contemporary appeal to this recessed wall luminaire. Other features include a powder coated die-cast aluminium housing and frame.

WALL LIGHTING

STEP LIGHT - FRW SL SERIES



colours available

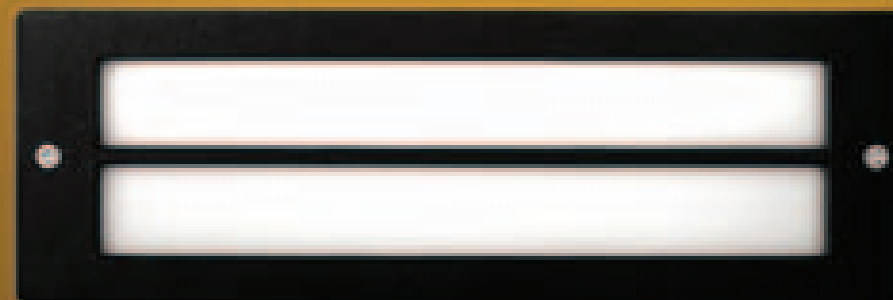


Model	Lamp	Lamp holder	Wattage
FRW SL3	GLS	E27	40W
FRW SL3	TC-S	G23	9W
FRW SL3	TC-D	G24d-1	13W
FRW SL3	TC-D	G24d-2	18W
FRW SL3	PLE-U	E27	11W

FRATER®

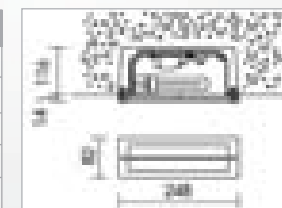


OPTIONS



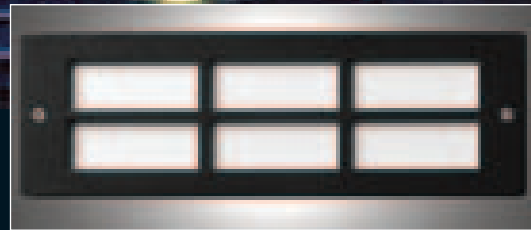
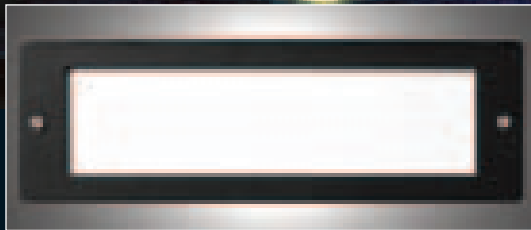
The luminaire comes with polyester powder coated diecast aluminum housing and frame. The diffuser is made of white opal polycarbonate plastic.

Model	Lamp	Lamp holder	Wattage
FRW SL2	GLS	E27	40W
FRW SL2	TC-S	G23	9W
FRW SL2	TC-D	G24d-1	13W
FRW SL2	TC-D	G24d-2	18W
FRW SL2	PLE-U	E27	11W

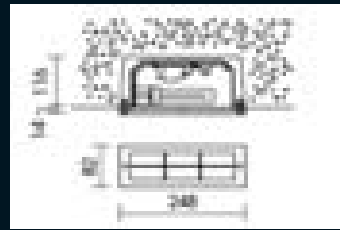


WALL LIGHTING

STEP LIGHT - FRW SL SERIES



colours available



Model	Lamp	Lamp holder	Wattage
FRW SL6	GLS	E27	40W
FRW SL6	TC-S	G23	9W
FRW SL6	TC-D	G24d-1	13W
FRW SL6	TC-D	G24d-2	18W
FRW SL6	PLE-U	E27	11W

Model	Lamp	Lamp holder	Wattage
FRW SL5	GLS	E27	40W
FRW SL5	TC-S	G23	9W
FRW SL5	TC-D	G24d-1	13W
FRW SL5	TC-D	G24d-2	18W
FRW SL5	PLE-U	E27	11W

FRATER



OPTIONS



The luminaire comes with polyester powder coated diecast aluminum housing and frame. The diffuser is made of white opal polycarbonate plastic.

Model	Lamp	Lamp holder	Wattage
FRW SL4	GLS	E27	40W
FRW SL4	TC-S	G23	9W
FRW SL4	TC-D	G24d-1	13W
FRW SL4	TC-D	G24d-2	18W
FRW SL4	PLE-U	E27	11W

