

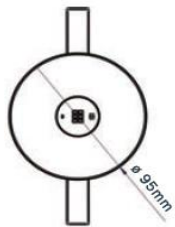
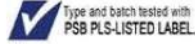
PROJECT TITLE: CONSTRUCTION OF 9 BUILDINGS AND A&A WORKS TO 2 BUILDING ALONG SEMBWANG ROAD

LUMINAIRE CODE: E1

PowerCraft
Emergency Lighting Solutions



CLASS II



Luminaire Brand

Powercraft

Model

REL10NM-LED-CU

Country of Origin

Singapore

Description

Recessed emergency light c/w green LED indication light, test switch, lamp holder, power conversion kit, 3-hours duration batteries, Injection moulded with fire retardant (UL94), high impact material and 3W white LED (PSB certified).

Compliance

IP30, SS 563, SS IEC 60598-2-22, IEC 61347-2-7, IEC 61347-2-13

Materials

Injection moulded with fire retardant (UL94), high impact material,

Finish

White colour

Control Gear

High Temperature Nickel Cadmium

LED Module

3W White LED

Mounting Method

Recess Mounting

Dimension

As per diagram

Mode of Operation:	Non-Maintained
Lamp:	3W White LED
Rated Duration:	3 Hours
Mains Supply:	220-240 Volts, 50-60Hz
Power Consumption:	< 1.5W
Battery:	High Temperature Nickel Cadmium
Charger:	Regulated variable rate
Charge Monitor:	LED
Test Facility:	Micro switch
Safety Features:	Low battery voltage cut off to prevent over discharge
Fitting Construction:	Injection moulded with fire retardant (UL94), high impact material
Weight:	Approx. 0.4 Kg
Standards / Compliance:	SS IEC 60598-2-22, SS 563, IEC 61347-2-7, IEC 61347-2-13

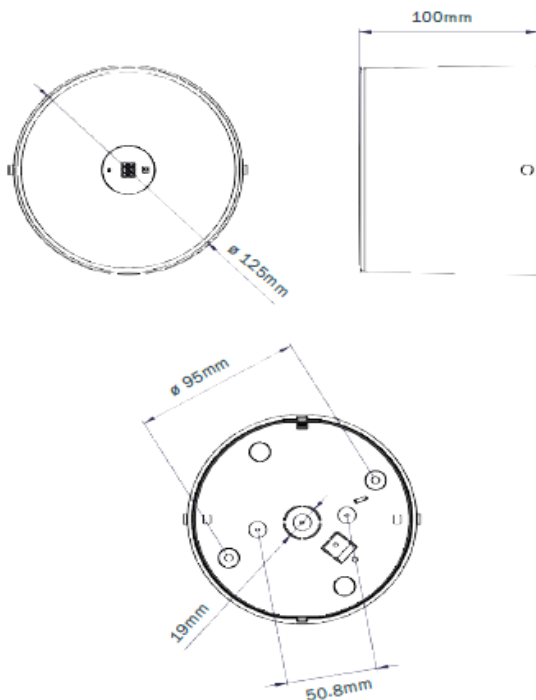
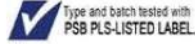
PROJECT TITLE: CONSTRUCTION OF 9 BUILDINGS AND A&A WORKS TO 2 BUILDING ALONG SEMBWANG ROAD

LUMINAIRE CODE: E1S

PowerCraft
Emergency Lighting Solutions



CLASS II



Luminaire Brand

Powercraft

Model

REL10NM-LED-CY

Country of Origin

Singapore

Description

Surface emergency light c/w green LED indication light, test switch, lamp holder, power conversion kit, 3-hours duration batteries, Injection moulded with fire retardant (UL94), high impact material and 3W white LED (PSB certified).

Compliance

IP30, SS 563, SS IEC 60598-2-22, IEC 61347-2-7, IEC 61347-2-13

Materials

Injection moulded with fire retardant (UL94), high impact material,

Finish

White colour

Control Gear

High Temperature Nickel Cadmium

LED Module

3W White LED

Mounting Method

Recess Mounting

Dimension

As per diagram

TECHNICAL SPECIFICATIONS

MODEL NO:	REL10NM-LED-CY
Mode of Operation:	Non-Maintained
Lamp:	3W White LED
Rated Duration:	3 Hours
Mains Supply:	220-240 Volts, 50-60Hz
Power Consumption:	< 1.5W
Battery:	High Temperature Nickel Cadmium
Charger:	Regulated variable rate
Charge Monitor:	LED
Test Facility:	Micro switch
Safety Features:	Low battery voltage cut off to prevent over discharge
Fitting Construction:	Injection moulded with fire retardant (UL94), high impact material
Weight:	Approx. 0.4 Kg
Standards / Compliance:	SS IEC 60598-2-22, SS 563, IEC 61347-2-7, IEC 61347-2-13

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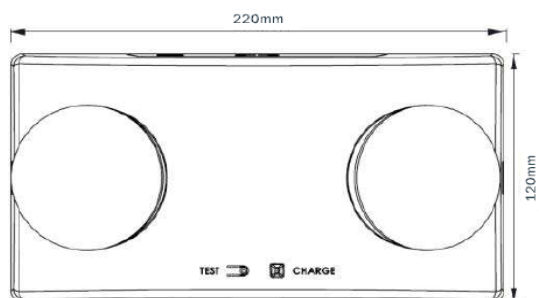
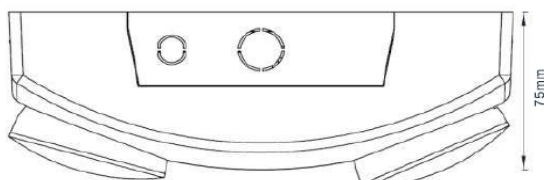
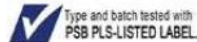
PROJECT TITLE: CONSTRUCTION OF 9 BUILDINGS AND A&A WORKS TO 2 BUILDING ALONG SEMBWANG ROAD

LUMINAIRE CODE: E2

PowerCraft
Emergency Lighting Solutions



CLASS II



Luminaire Brand
Powercraft

Model
TED10NM

Country of Origin
Singapore

Description

Surface emergency light c/w green LED indication light, test switch, lamp holder, power conversion kit, 2-hours duration batteries, Injection moulded with fire retardant (UL94), high impact PC material, two fully adjustable glare-free round shaped heads with 2x3W high power LED (PSB certified).

Compliance

IP30, SS 563, SS IEC 60598-2-22

Materials

Injection moulded with fire retardant (UL94), high impact PC material

Finish

White colour

Control Gear

High Temperature Nickel Cadmium

LED Module

2 x 3W White LED

Mounting Method

Surface Mounting

Dimension

As per diagram

Mode of Operation:	Non-Maintained
Lamp:	2 x 3W Power LED Module
Rated Duration:	2 Hours / 3 Hours
Mains Supply:	220-240 Volts, 50-60Hz
Power Consumption:	< 1.5W
Battery:	High Temperature Lithium LiFePO4 / High Temperature Nickel Cadmium
Charger:	Constant Current / Constant Voltage, Short Circuit protected
Charge Monitor:	LED
Test Facility:	Momentary test switch
Safety Features:	Low battery voltage cut off to prevent over discharge
Fitting Construction:	Injection moulded with fire retardant (UL94), high impact PC material
Weight:	Approx. 0.9 Kg
Dimensions:	120mm (H) x 220mm (W) x 75mm (D)
Standards / Compliance:	SS IEC 60598-2-22, SS 563

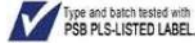
PROJECT TITLE: CONSTRUCTION OF 9 BUILDINGS AND A&A WORKS TO 2 BUILDING ALONG SEMBWANG ROAD

LUMINAIRE CODE: E2 WP

PowerCraft
Emergency Lighting Solutions



CLASS II



Luminaire Brand

Powercraft

Model

TED10NM-WP-ENC

Country of Origin

Singapore

Description

6W white LED non-maintained twin-spot emergency luminaire complete with high temperature Lithium LiFePO4 batteries for 2hours DC duration and weatherproof enclosure , PSB APPROVED

Compliance

IP65, IEC 60598-2-22 ; SS 563 , IEC 61347-2-7 ; IEC 61347-2-13

Materials

Injection moulded with fire retardant (UL94), high impact PC material

Finish

White colour

Control Gear

Injection moulded with fire retardant (UL94), high impact material,

LED Module

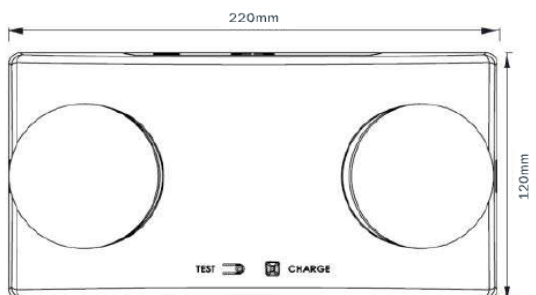
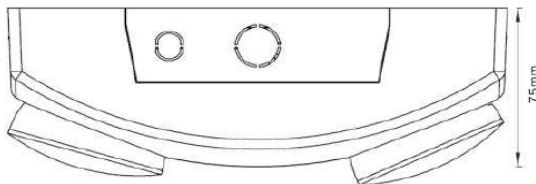
2 x 3W White LED

Mounting Method

Surface Mounting

Dimension

As per diagram



Mode of Operation:	Non-Maintained
Lamp:	2 x 3W Power LED Module
Rated Duration:	2 Hours / 3 Hours
Mains Supply:	220-240 Volts, 50-60Hz
Power Consumption:	< 1.5W
Battery:	High Temperature Lithium LiFePO4 / High Temperature Nickel Cadmium
Charger:	Constant Current / Constant Voltage, Short Circuit protected
Charge Monitor:	LED
Test Facility:	Momentary test switch
Safety Features:	Low battery voltage cut off to prevent over discharge
Fitting Construction:	Injection moulded with fire retardant (UL94), high impact PC material
Weight:	Approx. 0.9 Kg
Dimensions:	120mm (H) x 220mm (W) x 75mm (D)
Standards / Compliance:	SS IEC 60598-2-22, SS 563

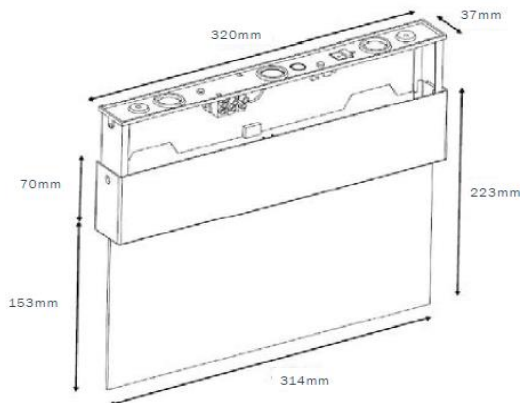
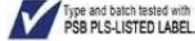
PROJECT TITLE: CONSTRUCTION OF 9 BUILDINGS AND A&A WORKS TO 2 BUILDING ALONG SEMBWANG ROAD

LUMINAIRE CODE: E3

PowerCraft
Emergency Lighting Solutions



CLASS II



Luminaire Brand

Powercraft

Model

EX-SB-M-S

Country of Origin

Singapore

Description

Surface emergency EXIT light c/w green LED indication light, test switch, lamp holder, power conversion kit, 3-hours duration batteries, Injection moulded with fire retardant (UL94), high impact material and 2.5 Watt LED Lamp (PSB certified).

Compliance

IP30, SS 563, SS IEC 60598-2-22

Materials

Injection moulded with fire retardant (UL94), high impact material, Acrylic plate (fire retardant)

Finish

White colour

Control Gear

High Temperature Nickel Cadmium

LED Module

2.5W High Power LED

Mounting Method

Surface Mounting

Dimension

As per diagram

Mode of Operation:	Maintained
Lamp:	White LED module with burning life-span > 50,000 hours
Rated Duration:	3 Hours
Mains Supply:	220-240 Volts, 50-60Hz
Power Consumption:	2.5W (Total standby power inclusive of LED converter)
Battery:	High Temperature Nickel Cadmium
Charger:	Regulated variable rate
Charge Monitor:	LED
Test Facility:	Micro switch
Mounting:	Surface wall / Suspended / Surface ceiling / Recessed Ceiling
Safety Features:	Low battery voltage cut off to prevent over discharge
Diffuser:	Acrylic plate (fire retardant)
Fitting Construction:	Injection moulded with fire retardant (UL94), high impact material
Weight:	Approx. 0.6 Kg
Dimensions:	223mm (H) x 314mm (W) x 37mm (D)
Standards /	SS IEC 60598-2-22, SS 563

Legend	Single Sided	Double Sided
	EX-SB-M-S-RM	EX-SB-M-D-RM
	EX-SB-M-SR-RM	EX-SB-M-DR-RM
	EX-SB-M-SL-RM	EX-SB-M-DL-RM
	EX-SB-M-S	EX-SB-M-D
	EX-SB-M-SR	EX-SB-M-DR
	EX-SB-M-SL	EX-SB-M-DL
	EX-SB-M-SLR	EX-SB-M-DLR

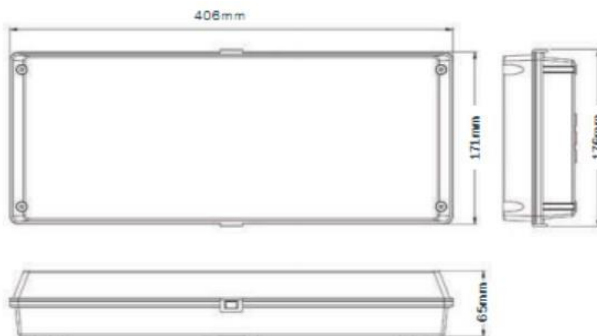
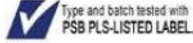
PROJECT TITLE: CONSTRUCTION OF 9 BUILDINGS AND A&A WORKS TO 2 BUILDING ALONG SEMBWANG ROAD

LUMINAIRE CODE: E3 WP

PowerCraft
Emergency Lighting Solutions



CLASS II



Luminaire Brand
Powercraft

Model
EXB-LED-M-WP

Country of Origin
Singapore

Description

Wall mounted maintained Weatherproof emergency exit sign complete with 3W ultrabright LEDmodule, micro test switch, LED charge indicator, low battery voltage cut-off feature and high temperature NiCd batteries for 3hours DC duration in fire retardant UL94V-0, high impact resistance Polycarbonate

Compliance
IP65, IEC 60598-2-22 ; SS 563

Materials
Injection moulded with fire retardant (UL94), high impact material, Acrylic plate (fire retardant)

Finish
White colour

Control Gear
High Temperature Nickel Cadmium

LED Module
3W High Power LED

Mounting Method
Surface Mounting

Dimension
As per diagram