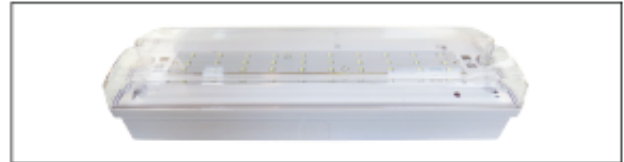


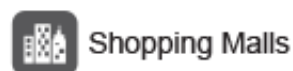
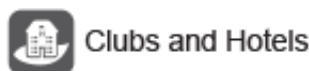
DuLight LED Exit Light uses EPISTAR LED's and built in Dulight LED driver for indoor application. Housing is made of flame retardant ABS material.

Product Features:

- EPISTAR LED's
- UL 94V-0 flame rating
- LED indicator light and push button test switch
- Ni-cd battery, AC/DC operation
- Replaceable directional chevron can be easily inserted or removed
- Conversion time: ≤ 0.2 second
- Innovative, snap-together design allows fast installation
- Installation: wall, ceiling or surface mounted
- Life-span: 30,000 hours



Applications:



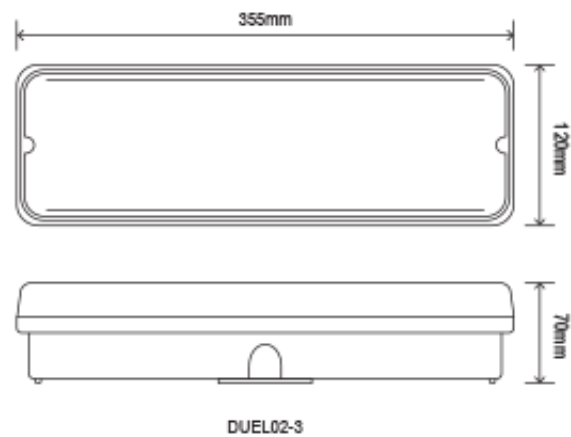
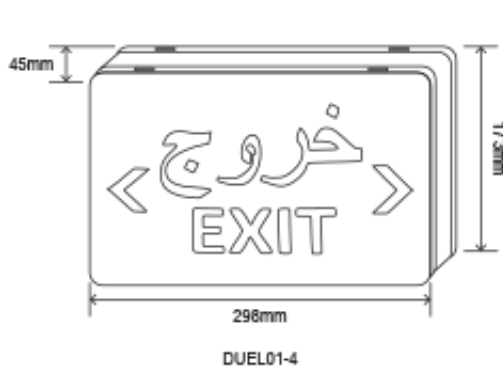
LED & Exit Light

Emergency



EPISTAR

Dimensions



Technical Specifications

Model	Power [W]	LED type	Light color	CRI [Ra]	Battery	Operating time [hrs]	Operating mode	IP rating
DUEL01-4	4	SMD	Red / Green / 6000K	> 80	300mAh Nickel Cadmium Battery	> 3	Maintained mode	IP20
DUEL02-3	3				900mAh Nickel Cadmium Battery			

Electrical Specifications

Rated Supply Voltage	220-240V
Input Voltage	110-240Vac
Frequency	50/60Hz



TRIDONIC

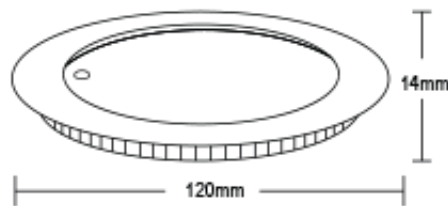


Bello LP LED Emergency Downlight uses TRIDONIC Emergency kit for indoor applications. Housing is made of die-cast aluminum with powder paint coating. Luminaire uses high quality PS diffuser.

Product Features:

- EDISON SMD LEDs
- TRIDONIC LED Emergency Kit
- DuLight LED Driver for maintained mode operation
- Luminaire uses Laser printed Mitsubishi LGP
- 4W 3 hour duration in Emergency mode
- Charging indicator Green color LED integrated in fitting
- Separate metal box for placing battery and converter
- Installation: Recessed mounted
- IP rating: IP20
- Life span: 30,000 - 50,000 hours

Dimensions



Technical Specifications

Model	Power [W]	LED type	Luminous flux [lm]	CCT [K]	Beam angle	Cut-out [mm]	Battery	No. of cells	Operating mode	Battery charging time (for 3 hours duration)
DUBELP-06-EM	6	SMD	510	3000 / 6500	120*	110	NiCd, 4 Ah D cells Stick type	4	Maintained Non-maintained	20 hours

* Above mentioned power and Lumens are for main mode

* Power in Emergency mode will be 4 watt

Electrical Specifications

Rated Supply Voltage	220-240V
Frequency	50/60Hz

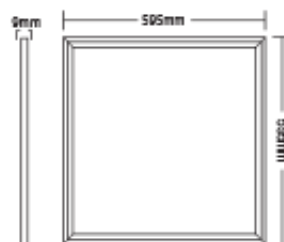


Lavela LS LED Emergency Panel uses TRIDONIC Emergency kit for indoor applications. Housing is made of die-cast aluminum with powder paint coating. Luminaire uses Mitsubishi laser printed LGP and high quality PS diffuser.

Product Features:

- EDISON SMD LEDs
- TRIDONIC LED Emergency Kit
- DuLight LED Driver for maintained mode operation
- 4W 3 hour duration in Emergency mode
- Charging indicator Green color LED integrated in fitting
- Battery and converter are fix on the back of panel
- Installation: Recessed mounted
- IP rating: IP20
- Life span: 30,000 - 50,000 hours

Dimensions



Technical Specifications

Model	Power [W]	LED type	Luminous flux [lm]	CCT [K]	Beam angle	Cut-out [mm]	Battery	No. of cells	Operating mode	Battery charging time (for 3 hours duration)
DULVLS-42-EM	42	SMD	3780	3000 / 6500	120°	110	NiCd, 4 Ah D cells Stick type	4	Maintained Non-maintained	20 hours

* Above mentioned power and Lumens are for main mode
 * Power in Emergency mode will be 4 watt

Electrical Specifications

Rated Supply Voltage	220-240V
Frequency	50/60Hz



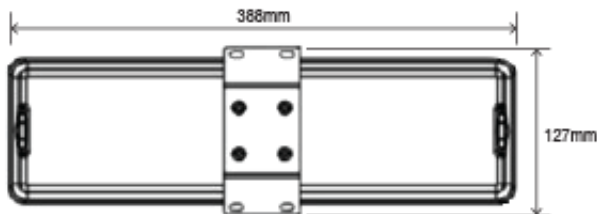
TRIDONIC

Bello R LED Surface mount Emergency Light uses TRIDONIC Emergency kit for indoor and outdoor applications. Housing is made of die-cast aluminum with white color powder coating. Luminaire uses Opal PC diffuser.

Product Features:

- SANAN SMD LEDs
- TRIDONIC LED Emergency Kit
- DuLight LED Driver for maintained mode operation
- 4W 3 hour duration in Emergency mode
- Charging indicator Green color LED integrated in fitting
- Battery and LED converter are fitted inside the housing
- Installation: Surface mounted
- IP rating: IP20 / IP65
- Life span: 30,000 - 50,000 hours

Dimensions



Technical Specifications

Model	Power [W]	LED type	Luminous flux [lm]	CCT [K]	Beam angle	Cut-out [mm]	Battery	No. of cells	Operating mode	Battery charging time (for 3 hours duration)
DUBR-10-EM	10	SMD	800	3000 / 6500	120*	110	NiCd, 4 Ah D cells Stick type	4	Maintained Non-maintained	20 hours

* Above mentioned power and Lumens are for main mode
 * Power in Emergency mode will be 4 watt

Electrical Specifications

Rated Supply Voltage	220-240V
Frequency	50/60Hz



Tridonic EM converterLED Basic:

- 3 h rated duration in Emergency mode (when battery fully charged)
- Deep discharge protection
- Short-circuit-proof battery connection
- Polarity reversal protection for battery
- IP rating: IP20

Technical Data

Rated Supply Voltage	220-240V
Mains Frequency	50/60Hz
Time to light	< 0.25 s from detection of emergency event
Overvoltage protection	320 V (for 1 h)
Battery charging time	20 hours
Max. casing temperature tc	70° C
Mains voltage changeover threshold	according to EN 60598-2-22
Maximum output power	4.0 Watt (Emergency mode)

Battery

- NiCd battery with D type Cells
- Good charging properties at high temperature
- High energy maintenance of the charged battery
- Simple connection with blade terminal respectively plug terminal
- Suitable for emergency lighting equipment as per IEC 60598-2-22
- Capacity: 4.0 Ah
- No of Cells: 4
- Type: Stick