

Luminaire Specification

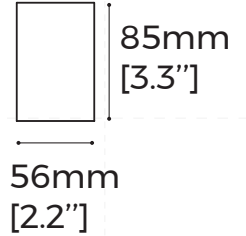
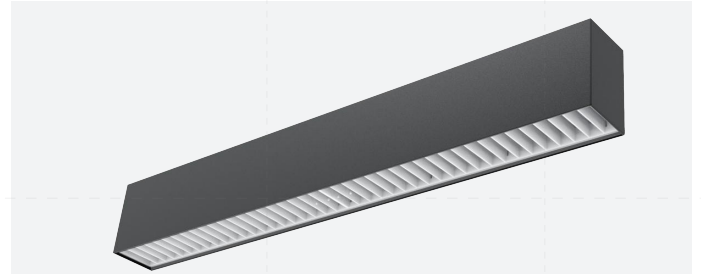
LS60BD

— LINE 60 series



【Basic Parameters】

- Material: AL6063-T5, spraying surface
- Coating: Black (RAL9005), White (RAL9003), Champagne Gold, Rose Gold, Matt Green(RAL6019), Matt Orange(RAL2008), Matt Yellow(RAL1004), Matt Blue(RAL5012)
- Lighting direction: downward
- Light efficiency: 65 LM/W
- UGR: ≤ 19 (X=4H, Y=8H)
- Dimming method: Non/ DALI-2+PUSH/1-10V optional
- Length: 1200mm/1800mm/2400mm optional, customizable
- SDCM≤3 (ANSI)
- CRI: 80/90
- CCT: 2700/3000/3500/4000/5000/6500/3000-6500K optional
- Input voltage: AC220-240V
- Application: Indoor
- Installation method: Pendant, ceiling
- IP grade: IP20
- Certification: CE, CB, UKCA, SAA, ROHS, Reach
- Warranty: 5 years(Emergency power model:3 years)



【Luminaire Parameters】

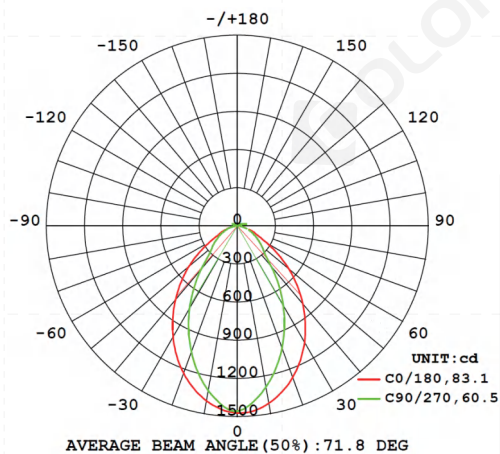
| Model | CCT | CRI | Input Voltage (V) | Max. Current (A) | Type Power (W) | Max. Power (W) | Lumen (LM) | Length | Note |
|--|-------|-----|-------------------|-------------------|------------------|------------------|--------------------|--------------------|--|
| LLS-LS60BDFBS1200(N) LLS-LS60BDFBS1200(E) | 2700K | >80 | 220VAC- 240VAC | 0.9 (0.23A/ft) | 34 (8.63W/ft) | 37 (9.39W/ft) | 2050 (520LM/ft) | 1200mm (3.94ft) | Single CCT control/ Emergency power models |
| | 3000K | | | | | | 2100 (530LM/ft) | | |
| | 3500K | | | | | | 2130 (540LM/ft) | | |
| | 4000K | | | | | | 2210 (560LM/ft) | | |
| | 5000K | | | | | | 2210 (560LM/ft) | | |
| | 6500K | | | | | | 2210 (560LM/ft) | | |
| | 2700K | >90 | | | | | 1730 (440LM/ft) | | |
| | 3000K | | | | | | 1760 (450LM/ft) | | |
| | 3500K | | | | | | 1810 (460LM/ft) | | |
| | 4000K | | | | | | 1890 (480LM/ft) | | |
| | 5000K | | | | | | 1890 (480LM/ft) | | |
| | 6500K | | | | | | 1890 (480LM/ft) | | |
| LLS-LS60BDFBS1200(T) | 3000K | >80 | | | | | 1770 (450LM/ft) | | Dial switch CCT control |
| | 4300K | | | | | | 2040 (520LM/ft) | | |
| | 6500K | | | | | | 1870 (480LM/ft) | | |
| | 3000K | >90 | | | | | 1490 (380LM/ft) | | |
| | 4300K | | | | | | 1740 (440LM/ft) | | |
| | 6500K | | | | | | 1600 (406LM/ft) | | |

| | | | | | | | | | |
|----------------------|-------|-----|-------------------|-------------------|------------------|------------------|--------------------|--------------------|----------------------------|
| LLS-LS60BDFBS1800(N) | 2700K | >80 | 220VAC- 240VAC | 1.3 (0.22A/ft) | 51 (8.63W/ft) | 51 (8.63W/ft) | 3090 (520LM/ft) | 1800mm (5.91ft) | Single CCT control |
| | 3000K | | | | | | 3160 (530LM/ft) | | |
| | 3500K | | | | | | 3220 (540LM/ft) | | |
| | 4000K | | | | | | 3320 (560LM/ft) | | |
| | 5000K | | | | | | 3320 (560LM/ft) | | |
| | 6500K | | | | | | 3320 (560LM/ft) | | |
| | 2700K | >90 | | | | | 2640 (450LM/ft) | | |
| | 3000K | | | | | | 2690 (460LM/ft) | | |
| | 3500K | | | | | | 2750 (470LM/ft) | | |
| | 4000K | | | | | | 2830 (490LM/ft) | | |
| | 5000K | | | | | | 2830 (490LM/ft) | | |
| | 6500K | | | | | | 2830 (490LM/ft) | | |
| LLS-LS60BDFBS1800(T) | 3000K | >80 | 220VAC- 240VAC | 1.3 (0.22A/ft) | 51 (8.63W/ft) | 51 (8.63W/ft) | 2655 (450LM/ft) | 1800mm (5.91ft) | Dial switch CCT control |
| | 4300K | | | | | | 3060 (520LM/ft) | | |
| | 6500K | | | | | | 2805 (475LM/ft) | | |
| | 3000K | >90 | | | | | 2230 (380LM/ft) | | |
| | 4300K | | | | | | 2610 (440LM/ft) | | |
| | 6500K | | | | | | 2400 (406LM/ft) | | |
| LLS-LS60BDFBS2400(N) | 2700K | >80 | 220VAC- 240VAC | 1.8 (0.23A/ft) | 68 (8.64W/ft) | 70 (8.89W/ft) | 4100 (520LM/ft) | 2400mm (7.87ft) | Single CCT control |
| | 3000K | | | | | | 4200 (530LM/ft) | | |
| | 3500K | | | | | | 4260 (540LM/ft) | | |
| | 4000K | | | | | | 4420 (560LM/ft) | | |
| | 5000K | | | | | | 4420 (560LM/ft) | | |
| | 6500K | | | | | | 4420 (560LM/ft) | | |
| | 2700K | >90 | | | | | 3450 (440LM/ft) | | |
| | 3000K | | | | | | 3550 (450LM/ft) | | |
| | 3500K | | | | | | 3610 (460LM/ft) | | |
| | 4000K | | | | | | 3770 (480LM/ft) | | |
| | 5000K | | | | | | 3770 (480LM/ft) | | |
| | 6500K | | | | | | 3700 (480LM/ft) | | |
| LLS-LS60BDFBS2400(T) | 3000K | >80 | 220VAC- 240VAC | 1.8 (0.23A/ft) | 68 (8.64W/ft) | 70 (8.89W/ft) | 3540 (450LM/ft) | 2400mm (7.87ft) | Dial switch CCT control |
| | 4300K | | | | | | 4080 (518LM/ft) | | |
| | 6500K | | | | | | 3740 (475LM/ft) | | |
| | 3000K | >90 | | | | | 2970 (377LM/ft) | | |
| | 4300K | | | | | | 3480 (442LM/ft) | | |
| | 6500K | | | | | | 3190 (405LM/ft) | | |

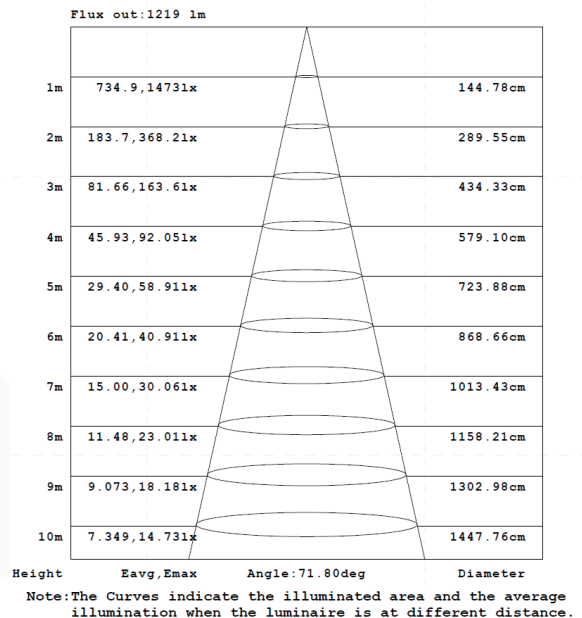
Note:

1. The above parameters were tested based on 1.2M(3.94') standard products;
2. luminous flux is allowed to have a $\pm 10\%$ error range;
3. The above parameters are typical values.

[Optical Parameter]



luminous intensity distribution diagram



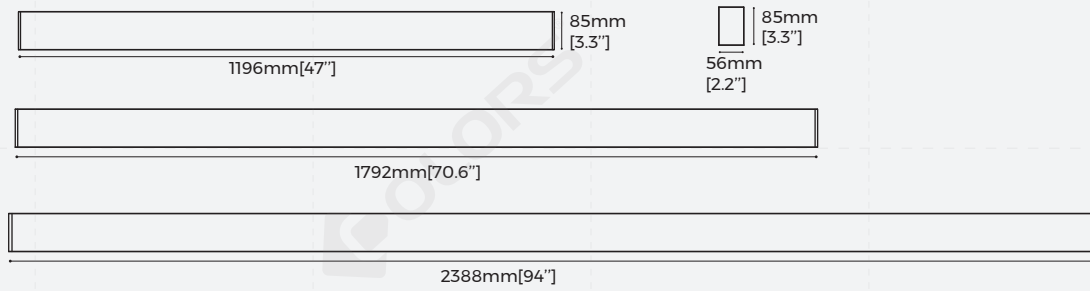
AAI Figure

[Product UGR]

| | | | | | | | | | | | |
|--|------------------|------|------|------|------|----------------|------|------|------|------|------|
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | | |
| x = 2H y = 2H | 17.4 | 18.7 | 17.7 | 18.9 | 19.1 | 15.0 | 16.3 | 15.3 | 16.5 | 16.7 | |
| 3H | 18.1 | 19.3 | 18.4 | 19.5 | 19.8 | 15.9 | 17.1 | 16.2 | 17.4 | 17.6 | |
| 4H | 18.3 | 19.5 | 18.7 | 19.7 | 20.0 | 16.3 | 17.4 | 16.6 | 17.7 | 18.0 | |
| 6H | 18.4 | 19.5 | 18.8 | 19.8 | 20.1 | 16.6 | 17.7 | 17.0 | 17.9 | 18.2 | |
| 8H | 18.4 | 19.5 | 18.8 | 19.7 | 20.0 | 16.7 | 17.7 | 17.1 | 18.0 | 18.3 | |
| 12H | 18.4 | 19.4 | 18.8 | 19.7 | 20.0 | 16.8 | 17.7 | 17.1 | 18.0 | 18.4 | |
| 4H | 2H | 17.5 | 18.6 | 17.8 | 18.9 | 19.2 | 15.5 | 16.6 | 15.8 | 16.9 | 17.2 |
| 3H | 18.4 | 19.4 | 18.8 | 19.7 | 20.0 | 16.6 | 17.6 | 17.0 | 17.9 | 18.2 | |
| 4H | 18.8 | 19.6 | 19.1 | 20.0 | 20.3 | 17.1 | 18.0 | 17.5 | 18.4 | 18.7 | |
| 6H | 18.9 | 19.7 | 19.4 | 20.1 | 20.5 | 17.5 | 18.3 | 18.0 | 18.7 | 19.1 | |
| 8H | 19.0 | 19.7 | 19.4 | 20.1 | 20.5 | 17.7 | 18.4 | 18.1 | 18.8 | 19.2 | |
| 12H | 19.0 | 19.6 | 19.4 | 20.0 | 20.4 | 17.8 | 18.4 | 18.2 | 18.8 | 19.3 | |
| 8H | 4H | 18.8 | 19.5 | 19.2 | 19.9 | 20.3 | 17.3 | 18.1 | 17.8 | 18.4 | 18.8 |
| 6H | 19.1 | 19.7 | 19.6 | 20.1 | 20.6 | 17.9 | 18.5 | 18.3 | 18.9 | 19.3 | |
| 8H | 19.2 | 19.7 | 19.6 | 20.1 | 20.6 | 18.1 | 18.6 | 18.5 | 19.0 | 19.5 | |
| 12H | 19.2 | 19.6 | 19.7 | 20.1 | 20.6 | 18.2 | 18.7 | 18.7 | 19.1 | 19.6 | |
| 12H | 4H | 18.8 | 19.5 | 19.2 | 19.9 | 20.3 | 17.3 | 18.0 | 17.8 | 18.4 | 18.8 |
| 6H | 19.1 | 19.6 | 19.6 | 20.1 | 20.5 | 17.9 | 18.4 | 18.4 | 18.9 | 19.3 | |
| 8H | 19.2 | 19.6 | 19.7 | 20.1 | 20.6 | 18.1 | 18.6 | 18.6 | 19.0 | 19.5 | |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.3 / - 0.4 | | | | | + 0.5 / - 0.5 | | | | | |
| 1.5H | + 0.6 / - 0.8 | | | | | + 0.3 / - 0.5 | | | | | |
| 2.0H | + 1.6 / - 1.4 | | | | | + 0.4 / - 0.6 | | | | | |

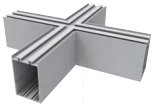
CIE Pub.117, 2244 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.8)

[Product mechanical data]



[Product Accessories Information]

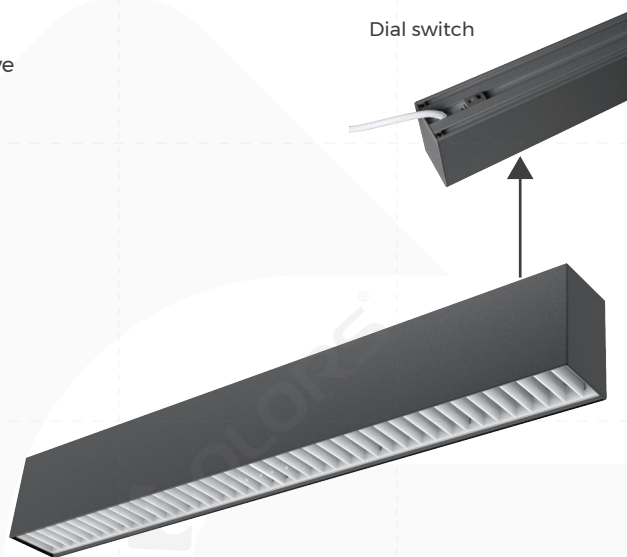
| Picture | Section size | Name | Description | Model | Note |
|---------|--------------|---|--|-----------|---------------------------------|
| | | Splicing bar | Size: L110*W15.5*H11.7mm [Inch size: L4.33**W0.61**H0.46"] | EX-41 | Interconnection Accessories |
| | | Splicing bar | Size: L135*W51.6*H51.5mm [Inch size: L5.32**W2.03**H2.03"] | EX-45(N) | |
| | / | Surface mounted buckle | Size: L90.5*W54*H5.9mm (Inch Size: L3.56**W2.16**H0.23") | CL-06 | Installation Accessories |
| | | Pendant installation clip | Size: L36.3*W20*H7mm (Inch Size: L1.43**W0.79**H0.28") | CP-16 | |
| | / | Pendant cable 2m/4m | / | PN-D | |
| | / | Pendant cable 2m/4m (with junction box) | / | PY-D | |
| | / | Pendant rod | / | PG-I | Standard interconnected corners |
| | / | L shaped corner | Without lighting source; Size: L200*W200*H85mm (Inch Size: L7.87**W7.87**H3.35") | L90-LS60 | |
| | / | L shaped corner (light from inward) | Without lighting source; Size: L200*W200*H56mm (Inch Size: L7.87**W7.87**H2.2") | L90N-LS60 | |
| | / | L shaped corner (light from outward) | Without lighting source; Size: L200*W200*H56mm (Inch Size: L7.87**W7.87**H2.2") | L90W-LS60 | |
| | / | T shaped corner | Without lighting source; Size: L305*W188*H85mm (Inch Size: L12**W7.4**H3.35") | T90-LS60 | |

| | | | | | |
|---|---|-----------------|--|----------|---------------------------------|
|  | / | X shaped corner | Without lighting source; Size:L350*W350*H85mm (Inch Size: L13.78"*W13.78"*H3.35") | X90-LS60 | Standard interconnected corners |
|---|---|-----------------|--|----------|---------------------------------|

[Product Type]

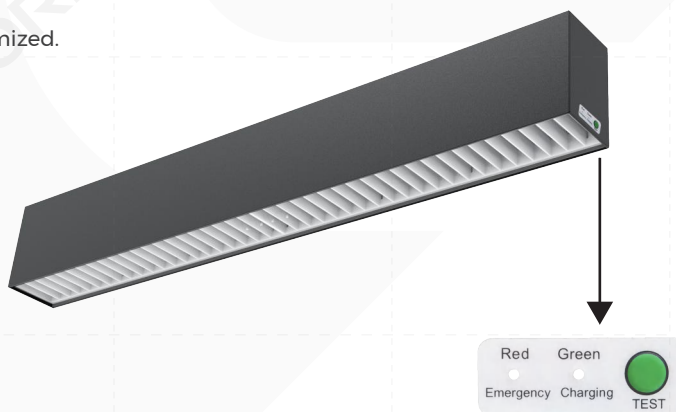
[Dial switch CCT control]

- Dimming method: Non/ DALI-2+PUSH/ 1-10V optional
- 3000K/4300K/6500K 3-tier CCT adjustable, can achieve general lighting demands



[Emergency power model]

- Dimming method: Non/ DALI-2+PUSH/ 1-10V optional
- Product length is 1.2m, other lengths need to be customized.

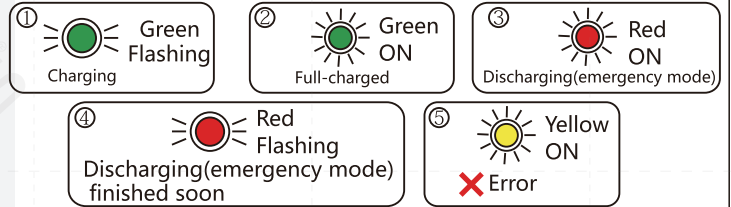


· Technical parameters:

- Input voltage: 220-240VAC/50-60Hz
- Charging time: 24 hours
- Power(emergency mode): 4W constant power output
- Battery capacity: 7.4V 2500mAh
- Emergency time: ≥3 hours
- Emergency light efficiency: ≥120LM/W

Indicator light introduction

- ① Green/flashing: Charging
- ② Green/on: Full-charged
- ③ Red/on: Discharging(emergency mode)
- ④ Red/flashing: Discharging(emergency mode) finished soon
- ⑤ Yellow/on: Error

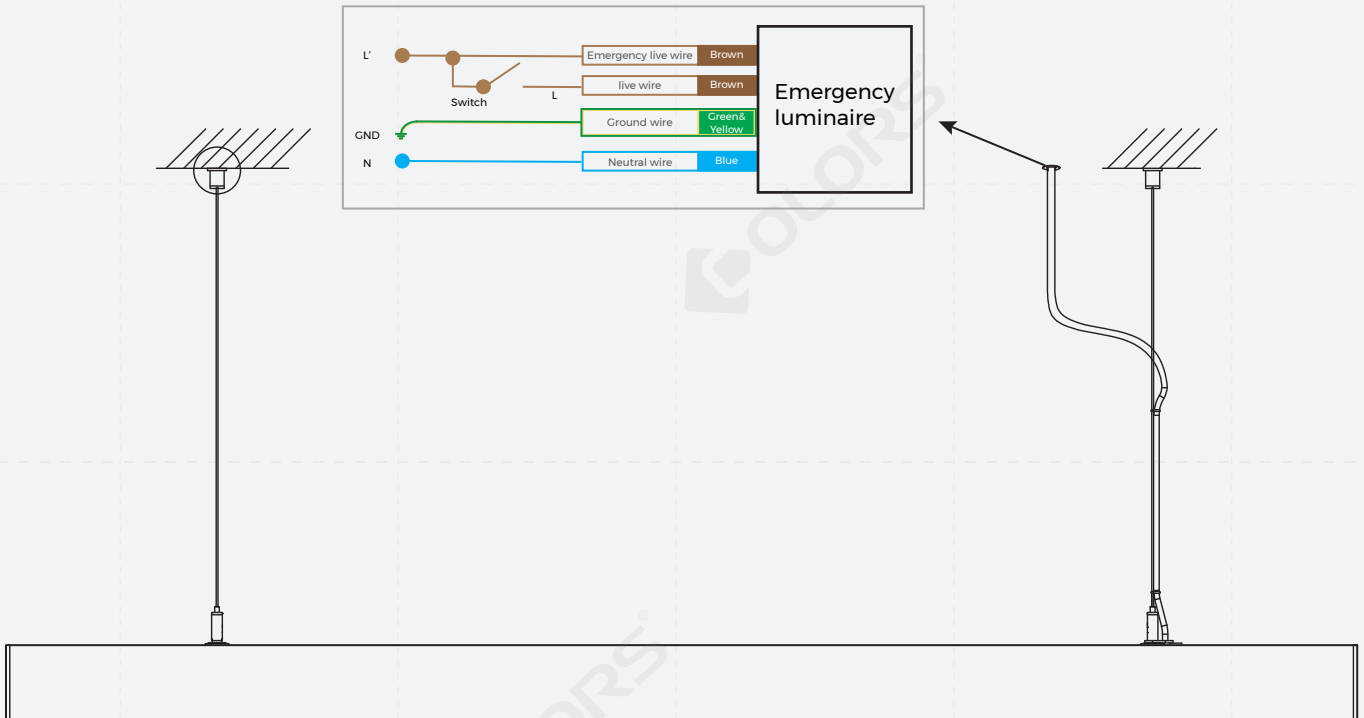


Test switch introduction

Press the test switch to confirm whether the emergency function is normal



【Emergency luminaire wiring】



【Packing】

| Model | Demension (mm) | Quantity /box | Quantity /carton | NW (kg) | NW /carton/(kg) | GW (kg) | Carton size (mm) |
|---------------------------------|---------------------------------|---------------|------------------|---------|-----------------|---------|------------------------------------|
| LLS-LS60BDFBS1200(N)-T34NW8N-DC | 1196*56*85 (47"*2.2"*3.3") | 1 | 4 | 3.02 | 14.08 | 21.96 | 1276*162*220 (50.2"*6.4"*8.66") |
| LLS-LS60BDFBS1800(N)-T51NW8N-DC | 1792*56*85 (70.6"*2.2"*3.3") | 1 | 4 | 4.43 | 19.72 | 32.34 | 1872*162*220 (73.7"*6.4"*8.66") |
| LLS-LS60BDFBS2400(N)-T68NW8N-DC | 2388*56*85 (94"*2.2"*3.3") | 1 | 4 | 5.94 | 25.76 | 43.64 | 2468*162*220 (97"*6.4"*8.66") |

[Attentions]

- 1、 Non-professionals are prohibited from installing, disassembling and repairing the product.
- 2、 Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- 3、 Please use professional cutting tools when cutting.
- 4、 Do not use any acid or alkaline adhesive to fix products.
- 5、 The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.