

# LUMO<sup>®</sup>

feel the difference

## LED Tri-Proof Light

IP65

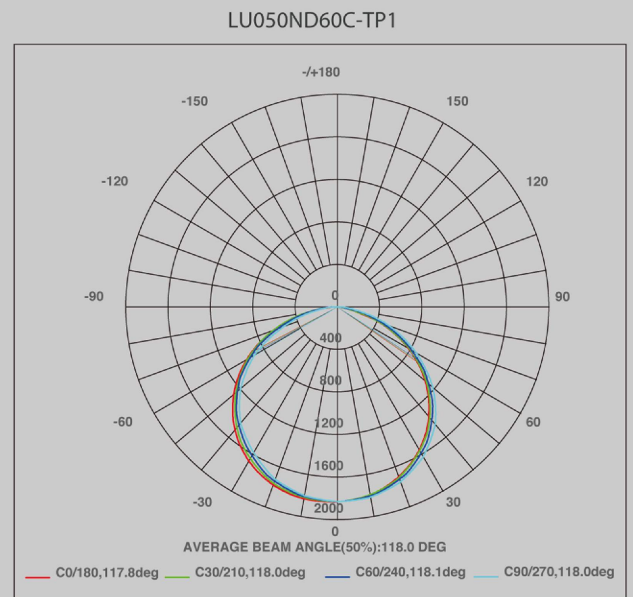
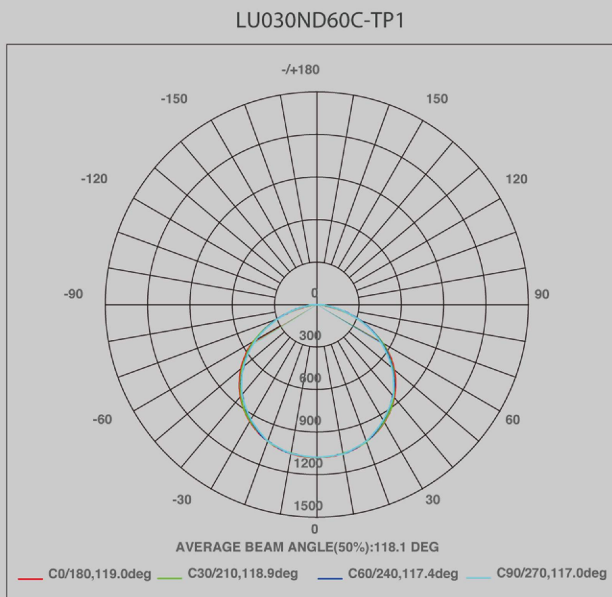
FIVE-YEAR  
**5**  
WARRANTY





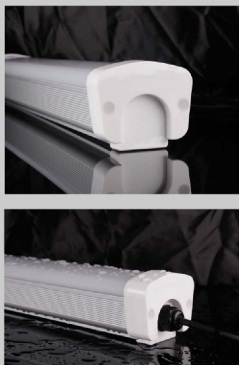
## LED Tri-Proof Light

### Luminous Intensity Distribution Diagrams



LUMO LED Tri-proof light is a professional luminaire made of special materials with 3 characteristics: water-proof, dust-proof & corrosion prevention.

To ensure the stability and durability of the lamp, we used the best aluminum extruded on lamp housing. Poly carbonate material on the both side as end caps and silicon strip all around, plus two silicon caps which keep the lamp free from the water, dust and corrosion. Meanwhile, the connections and connectors are complied with the double insulation requirement, which is safety enough for using. Furthermore, we use the PMMA material and prism design to get the perfect high transmittance and concentrated light distribution.

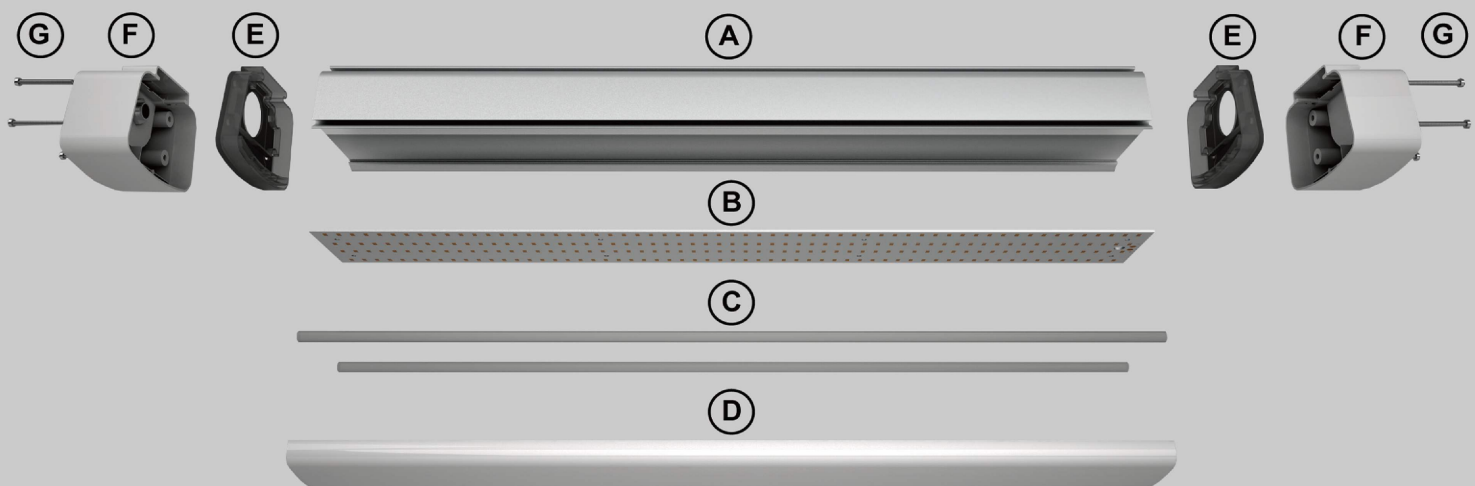


# Select the installation options based on your project

## An introduction to the future of lighting

The LED Tri-proof light, made of extruded aluminum, has been designed with a multitude of applications in mind. Suitable for mezzanine areas, car parks, production line rooms, workshops, retail stores, wash rooms, schools and public places. This product offers the best balance in modern technology, reliability, longevity and outstanding quality.

## LED TRi-Proof Light Components



A - Aluminum Extruded Casing B - LED Plate C - Silicon Strip D - Opal Diffuser E - Silicon Cap F - PC Cap G - Stainless Screws

## Installation options

Surface Mounted



Suspended

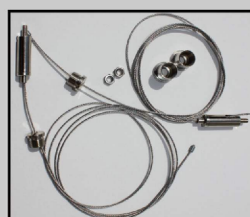


## Installation accessories

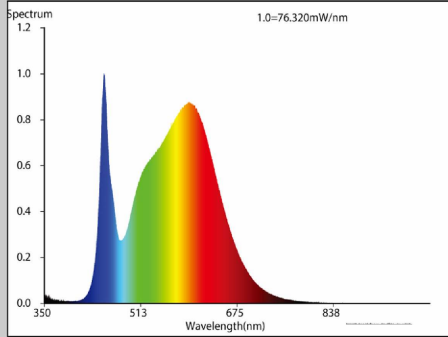
Mounting Clip



Suspension Kit



## LU030ND60C-TP1 Spectrum Test Report



### Color Parameters

Chromaticity Coordinate:  $x=0.3811$   $y=0.3826/u'=0.2233$   $v'=0.5042$   
 CCT=4024K(Duv=0.0025) Dominant WL:Ld =577.7nm Purity=29.2%  
 Ratio:R=18.1% G=78.2% B=3.7% Peak WL:Lp=450.7nm FWHM=21.0nm  
 Render Index:Ra=83.2 CRI=76.6 AvgR=76.4  
 R1 =81 R2 =90 R3 =96 R4 =82 R5 =81 R6 =86 R7 =86  
 R8 =64 R9 =7 R10=75 R11=81 R12=61 R13=83 R14=98 R15=75

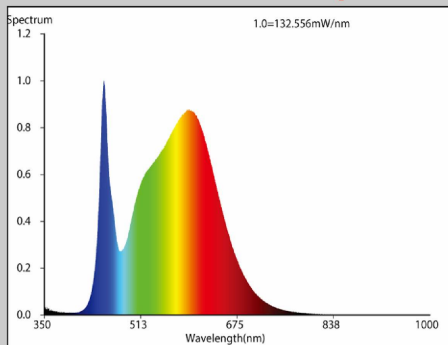
### Photo Parameters

Flux = 3243 lm Eff. : 108.12 lm/W Fe = 11.69 W

### Electrical Parameter

V = 220.12 V I = 0.135 A P = 29.71 W PF = 0.9817  
 LEVEL: OUT WHITE:ANSI\_4000K  
 Status: Integral T = 635 ms Ip = 33548 (51%)

## LU050ND60C-TP1 Spectrum Test Report



### Color Parameters

Chromaticity Coordinate:  $x=0.3805$   $y=0.3826/u'=0.2230$   $v'=0.5040$   
 CCT=4038K(Duv=0.0026) Dominant WL:Ld =577.6nm Purity=29.0%  
 Ratio:R=18.1% G=78.2% B=3.7% Peak WL:Lp=450.7nm FWHM=21.5nm  
 Render Index:Ra=83.3 CRI=76.6 AvgR=76.5  
 R1 =81 R2 =89 R3 =96 R4 =82 R5 =81 R6 =85 R7 =87  
 R8 =65 R9 =8 R10=75 R11=81 R12=61 R13=83 R14=98 R15=75

### Photo Parameters

Flux = 5652 lm Eff. : 113.04 lm/W Fe = 20.44 W

### Electrical Parameter

V = 220.12 V I = 0.227 A P = 49.9 W PF = 0.9451  
 LEVEL: OUT WHITE:ANSI\_4000K  
 Status: Integral T = 635 ms Ip = 47784 (73%)

## Specifications and features

- Color temperature: 5000 K
- CRI > 80
- Life span (hrs): 50,000
- Power factor >0.94
- Operating Temp (°C): -20 to +60
- 5 Years Warranty
- Input Voltage (V): 100-240 V AC, 50/60Hz
- LED Power (W): 30, 50
- Average System Lumens per Watt (Lm): 105
- Average LED Lumens per Watt (Lm): 110
- IP rating: 65
- Very Stable, top quality LEDs with high thermal conductivity, minimal light decay, high performance with a 50,000 hour lifespan
- Stylish & robust aluminum body which is corrosion and rust resistant.
- The sealed dust and water proof construction is easy to clean and prevents insects from accessing.
- Integrated driver which can work in a wide voltage range (100~240V).
- Easy installation with two options of: surface mounting and suspension methods.
- Wide beam angle comfortably diffused by an opal PMMA to prevent glare (120°).
- Eco-friendly and energy saving, no radiation or emitting heat. Free from mercury, lead and other harmful substances.
- Gain greater energy savings with programmable integrated microwave occupancy sensors. (Optional)
- External 3 hour emergency kits are available. (Optional)

## Dimming as an options

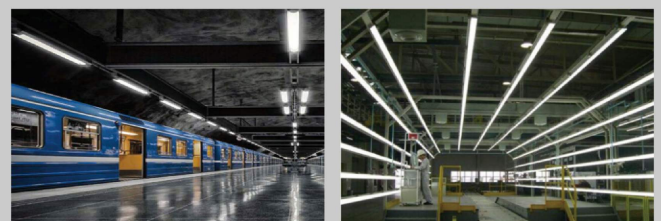
- Single voltage 0~10V dimmable
- Triac dimmable
- Non-dimmable in range of 110V~240 V AC, 50/60Hz

## Length Options

1200mm and 600mm

## Applications

Supermarkets, Shops, Exhibition halls, Parking places, gas stations, Schools, Tunnels, Metro and Bus stations, Factories, Warehouses, etc.



## ISO9001: 2008

All info here ONLY for reference, please confirm with our sales before order.

## LED Tri-Proof Light

Part Number	LU030ND60C-TP1	LU050ND12C-TP1
Lumen Output	3300lm	5500lm
Wattage	30W	50W
Luminous Efficacy	110lm/ W	
CCT	3000K, 4000K, 5000K	
CRI	>80	
Beam Angle	120°	
Input Voltage	180-246V Ac, 50/60Hz	
IK Rating	IK09	
LED Driver	LUMO Driver	
Fluorescent Equivalent	75W	140W
Certification	CE, FC, DLC	

## Control Options

Microwave Sensor	Dimmable	Emergency
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### Microwave sensor

LU030MS60C-TP1 ,30 w , 60cm , 6000K , 3300Lum , CRI>90, Power Factor>0.95 , Beam Angle :120 Degree ,Power Supply: 180~264V Ac , 50/60 HZ , IP Rating : 65 , LED Driver : LUMO / Tridonic , Florescent Equivalent.

LU050MS12C-TP1, 50W , 120 cm , 6000K , 5500Lum, CRI>90 ,PF>0.95, Beam Angle : 120D , Power Supply: 180~264V Ac , 50/60 HZ , IP Rating : 65 , LED Driver : LUMO / Tridonic , Florescent Equivalent : 140 W.

### Dimmable

LU030DI60C-TP1 , Wattage : 30w ,Length : 60 cm , Color Temp : 6000K , Lumen Out-put: 3300 Lumen 110L/W , CRI>90 , Power Factor>0.95 , Beam Angle :120 Degree ,Power Supply: 180~264V Ac , 50/60 HZ , IP Rating : 65 , LED Driver : LUMO / Tridonic , Florescent Equivalent : 75W.

LU050DI12C-TP1 , 50W , 120 cm , CCT : 6000K , 5500Lum ,CRI>90,P F>0.95, Beam Angle : 120D , Power Supply: 180~264V Ac , 50/60 HZ , IP Rating : 65 , LED Driver : LUMO / Tridonic , Florescent Equivalent : 140 W.

### Emergency

LU030EM60C-TP1 , 30 w , 60cm , 6000K , 3300Lum , CRI>90 , Power Factor>0.95 , Beam Angle :120 Degree , Power Supply: 180~264V Ac , 50/60 HZ , IP Rating : 65 , LED Driver : LUMO / Tridonic , Florescent Equivalent : 75W

LU050EM12C-TP1 , 50W , 120 cm , 6000K , 5500Lum, CRI>90 ,PF>0.95, Beam Angle : 120D , Power Supply: 180~264V Ac , 50/60 HZ , IP Rating : 65 , LED Driver : LUMO / Tridonic , Florescent Equivalent : 140 W.