



**LESP-WL1260**

LED 240V

**Type**  
LED Outdoor Wall Light

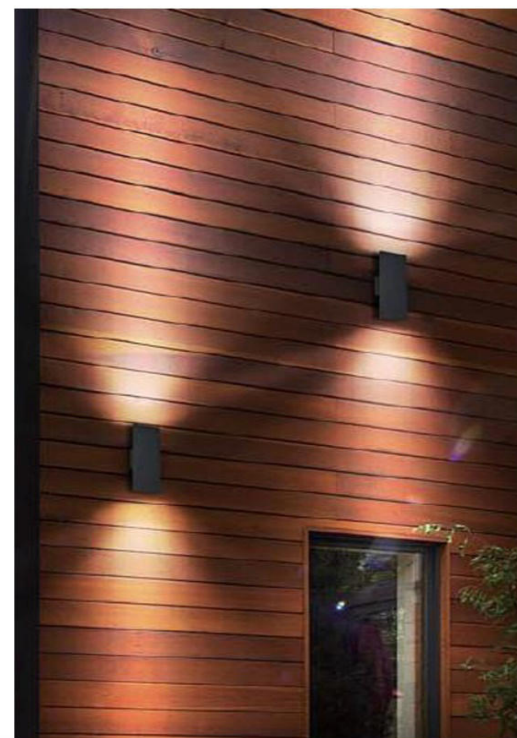
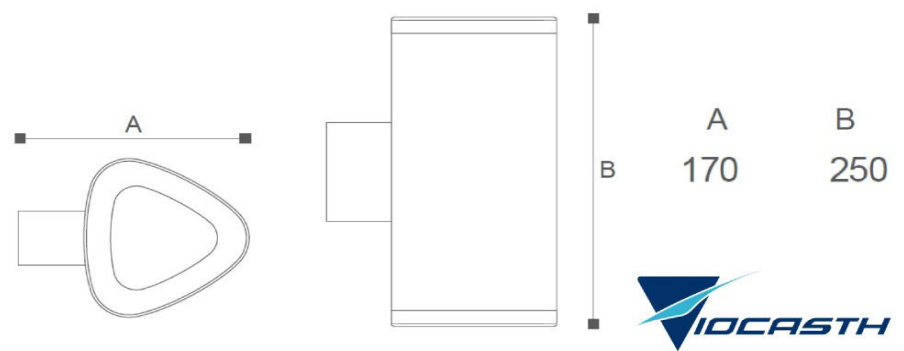
**Light Source**  
6\*1W\*2 3000K Dark Grey  
Cree Chip Up 10 ° / Down 30 °

**Materials**  
Die-Cast Aluminium  
Diffuser PC

**IP Rate**  
IP 65

**Size**  
170 x 250

**Accessories Included**



**LESP-L136**

LED 240V

**Type**  
LED Outdoor Wall Light

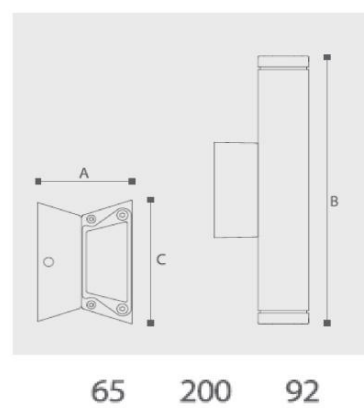
**Light Source**  
2 x 3w 3000K Dark Grey  
Osram Chip

**Materials**  
Die-Cast Aluminium

**IP Rate**  
IP 54

**Size**  
65 x 200 x 92

**Accessories Included**





### LESP-WL105 DG

LED 240V

**Type**  
LED Outdoor Wall Light

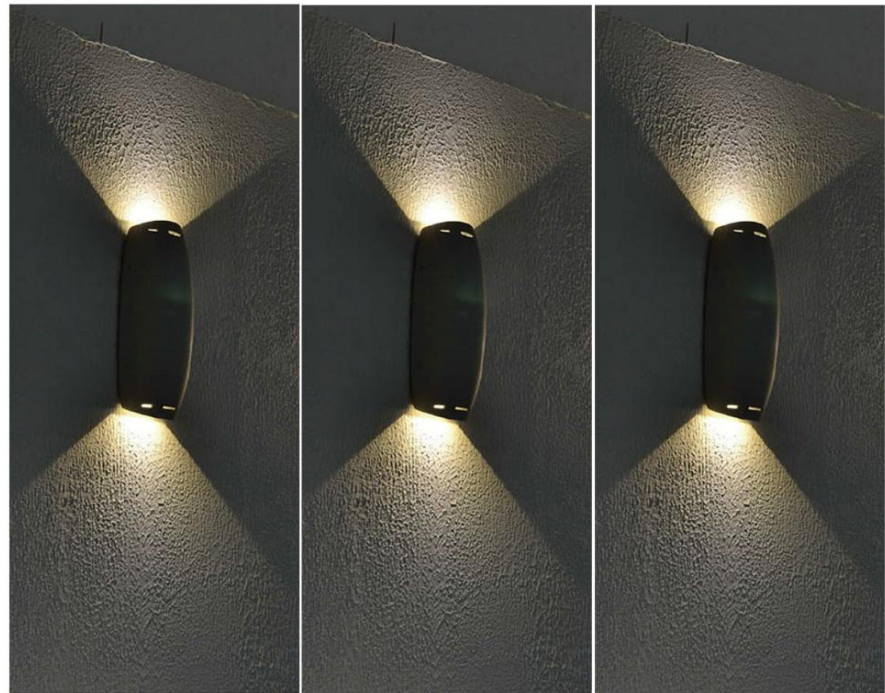
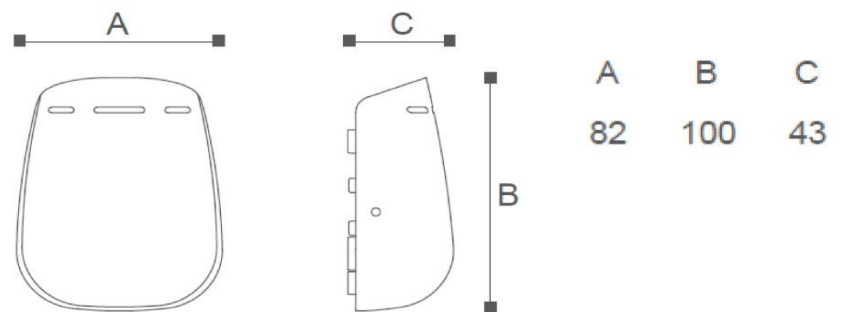
**Light Source**  
1\*3W 3000K Dark Grey  
Cree Chip

**Materials**  
Die-Cast Aluminium  
Tempered Glass PC

**IP Rate**  
IP 54

**Size**  
82 x 100 x 43

**Accessories Included**



### LESP-WL116 DG

LED 240V

**Type**  
LED Outdoor Wall Light

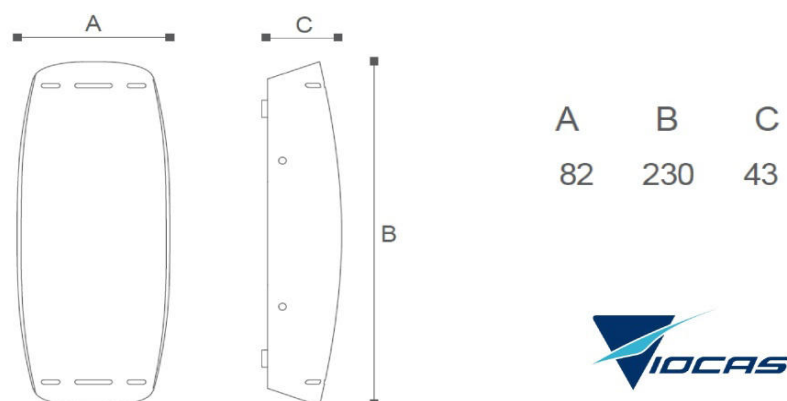
**Light Source**  
2\*3w 3000K Dark Grey  
Cree Chip

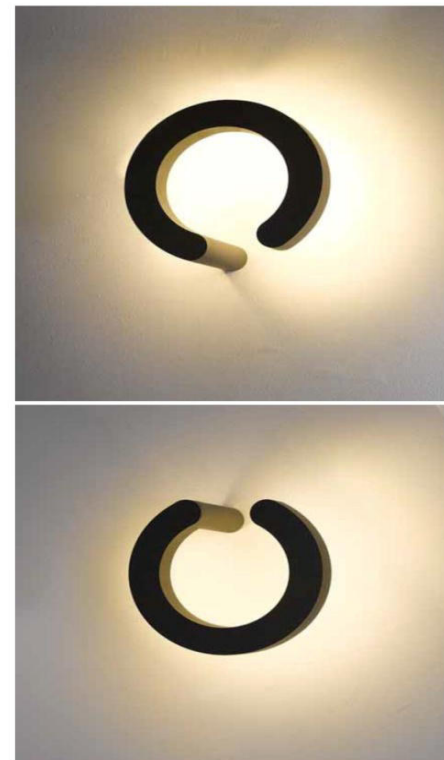
**Materials**  
Die-Cast Aluminium  
Tempered Glass PC

**IP Rate**  
IP 54

**Size**  
82 x 230 x 43

**Accessories Included**





### HI17

CREE LED 240V

#### Type

LED Outdoor Wall Light

#### Materials

Die-Cast Aluminium

#### Size

D 300mm x 190mm

#### Light Source

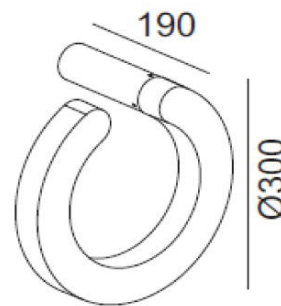
6 x 1W 3000K

Cree Chip

#### IP Rate

IP 54

#### Accessories Included



### LESP-GL1304

LED 240V

#### Type

LED Outdoor Wall Light

#### Materials

Die-Cast Aluminium

#### Size

107 x 200

#### Light Source

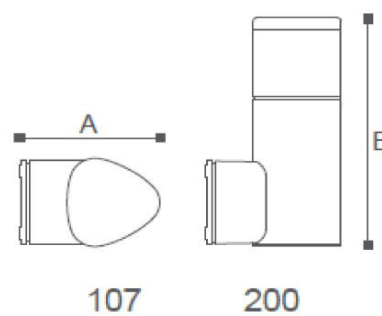
6 x 1w 3000K Dark Grey

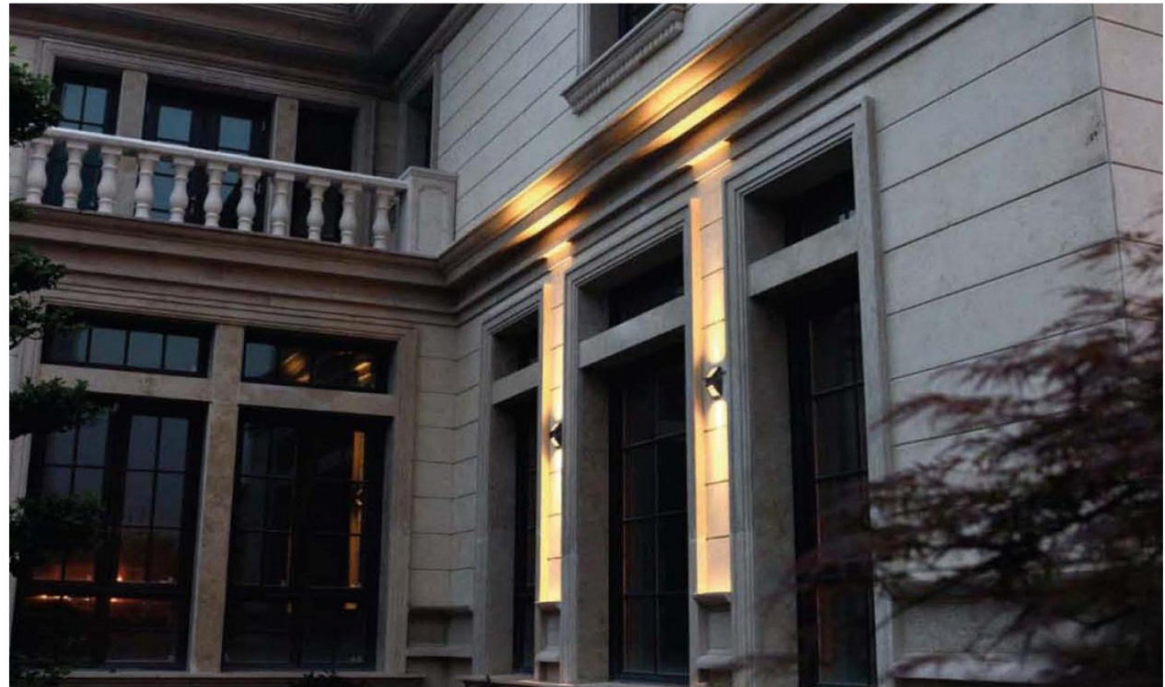
Osram Chip

#### IP Rate

IP 54

#### Accessories Included





### GDC102-Dark Grey

IP54



Aluminium die-casting body  
PC diffuser

240V



#### Type

LED Outdoor Wall Light

#### Light Source

2\*1w 3000K Edison

#### Materials

Die-Cast Aluminium

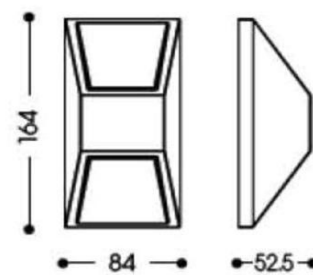
#### IP Rate

IP 54

#### Size

H164mm x L84mm x W52.5mm

#### Accessories Included



Dark Gray



Aluminium die-casting body  
PC diffuser



### GDC16-Dark Grey/Matt Silver

IP54



CREE LED 240V



#### Type

LED Outdoor Wall Light

#### Light Source

2 \* 1w x 2 3000K

#### Materials

Die-Cast Aluminium

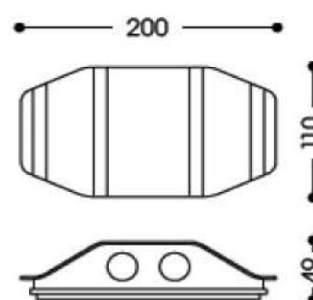
#### IP Rate

IP 54

#### Size

mm x mm x mm

#### Accessories Included



Silver Gray



Dark Gray



**LH963-650**

**CREE** LED LED 240V

**Type**

LED Garden Pole

**Light Source**

4 x 3W 3000K  
Cree Chip

**Materials / Colour**

Die-Cast Aluminium / Powder Coated  
Silicon Rubber Gasket / Silver

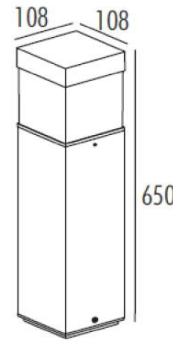
**IP Rate**

IP54

**Size**

108 x 108 x 650mmH

**Accessories Included**



**LESP-L1411**

LED 240V

**Type**

LED Outdoor Wall Light

**Light Source**

6W 490Lumen  
3000K Epistar LED

**Materials**

PC Diffuser Dark Grey

**IP Rate**

IP54

**Size**

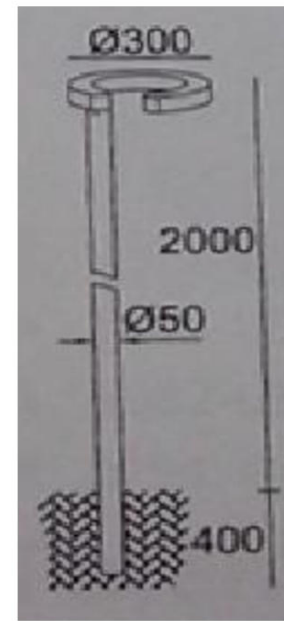
A210 x B60 x C32mm

**Accessories Included**

LED Luminaires With Driver Included



**QUAXION**



**GEH122 C/W 1.2 Meter Pole**

**CREE** LED 240V

**Type**  
LED Outdoor Wall Light

**Light Source**  
6 x 1W 3000K  
Cree Chip

**Materials**  
Die-Cast Aluminium

**IP Rate**  
IP 54

**Size**  
D 300mm x 190mm

**Accessories Included**

**QUAXION**



**GE-GL133**

**LED** 240V

**Type**  
LED Outdoor Lawn Light

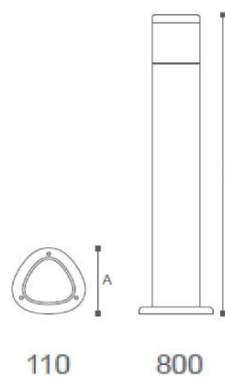
**Light Source**  
6 x 1w 3000K Dark Grey  
Osarm Chip

**Materials**  
Die-Casting Aluminium  
PC

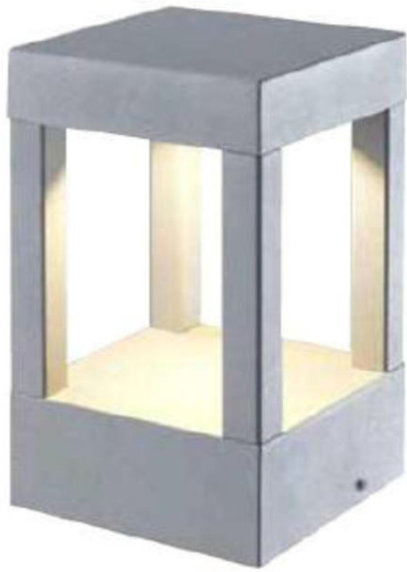
**IP Rate**  
IP 54

**Size**  
107 x 200

**Accessories Included**



**QUAXION**



**LH943-200**

**LED 240V**

**Type**

LED Garden Light

**Light Source**

1 x 5W 3000K

Bridelux Chip

**Materials / Colour**

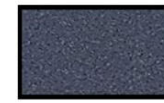
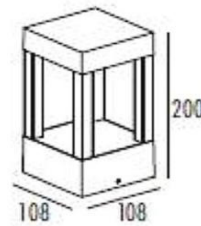
Die-Cast Alluminium / Clear Glass

Silicon Rubber Gasket / Graphite

**IP Rate**

IP54

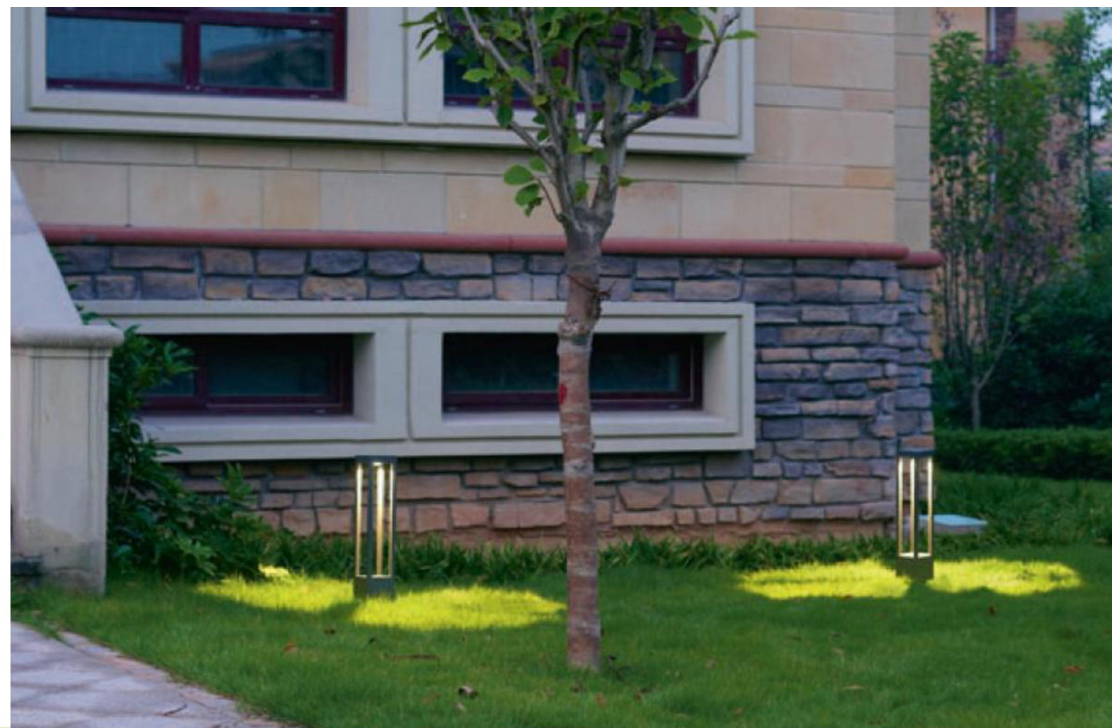
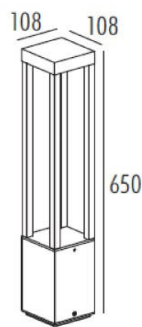
**Accessories Included**



**Size**

108 x 108 x 200mmH

**QUAXION**



**LH943-650**

**LED 240V**

**Type**

LED Garden Pole

**Light Source**

1 x 5W 3000K

Bridelux Chip

**Materials / Colour**

Die-Cast Alluminium / Powder Coated

Silicon Rubber Gasket / Silver

**IP Rate**

IP54

**Accessories Included**



**Size**

108 x 108 x 650mmH



**GLLG**

12V  LED

**Type**

LED Outdoor Cube Light in RGB

**Light Source**

**Materials / Colour**

PE

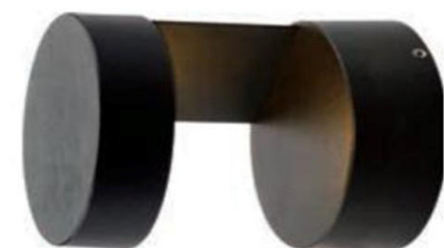
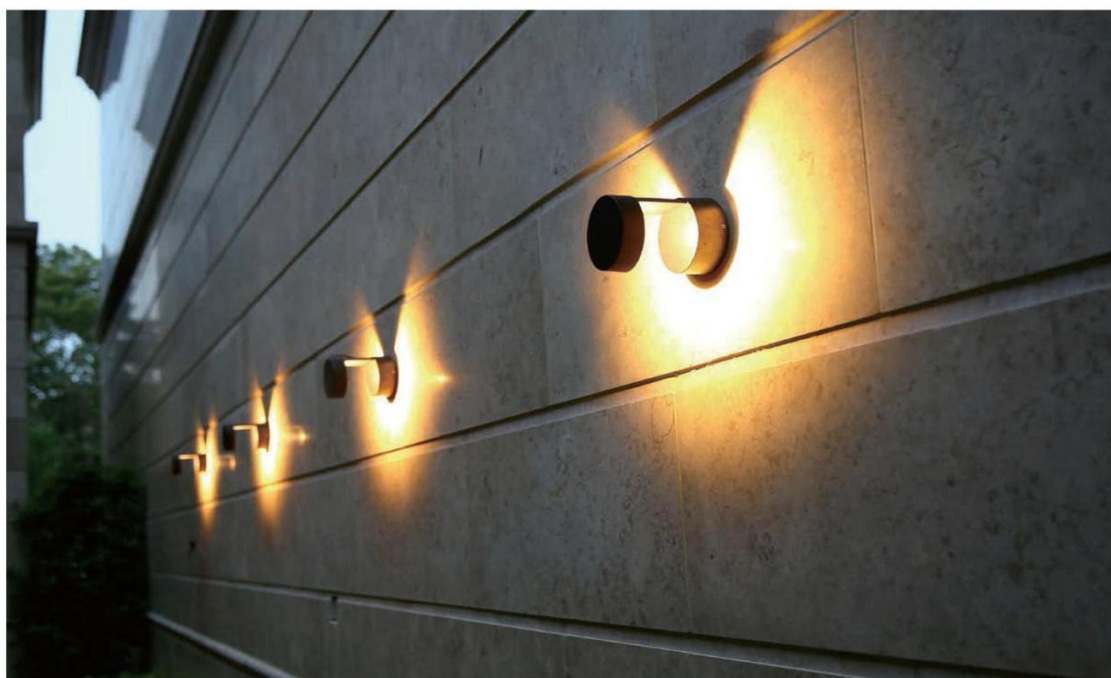
**IP Rate**

IP65

**Size**

**Accessories Included**

Remote control for RGB



**ED123**

IP54



Aluminium die-casting body  
Safety glass diffuser

240V



**Type**

LED Outdoor Wall Light

**Light Source**

1\*6W COB 3000K Bridgelux

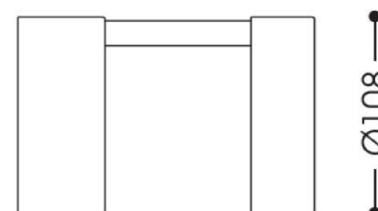
150

**Materials**

Die-Cast Aluminium ,  
Safety Glass Diffuser.

**IP Rate**

IP 54



**Size**

**Accessories Included**

**QUAXION**



**LGSP-WW1234**

**LED 240V**

**Type**

LED Outdoor Wall Light

**Light Source**

6 x 1w 3000K Dark Grey  
Osarm Chip

**Materials**

Die-Cast Aluminium

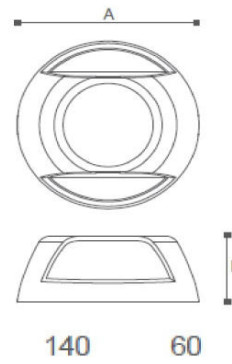
**IP Rate**

IP 54

**Size**

140 x 60

**Accessories Included**



**QUAXION**



**LGSP-WL1616**

**LED 240V**

**Type**

LED Outdoor Wall Light

**Light Source**

12W 1020Lumen  
3000K Epistar LED

**Materials**

Die-Casting Aluminium  
Dark Grey  
Diffuser PC

**IP Rate**

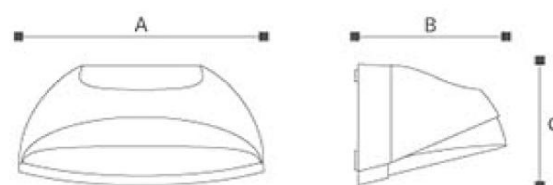
IP54

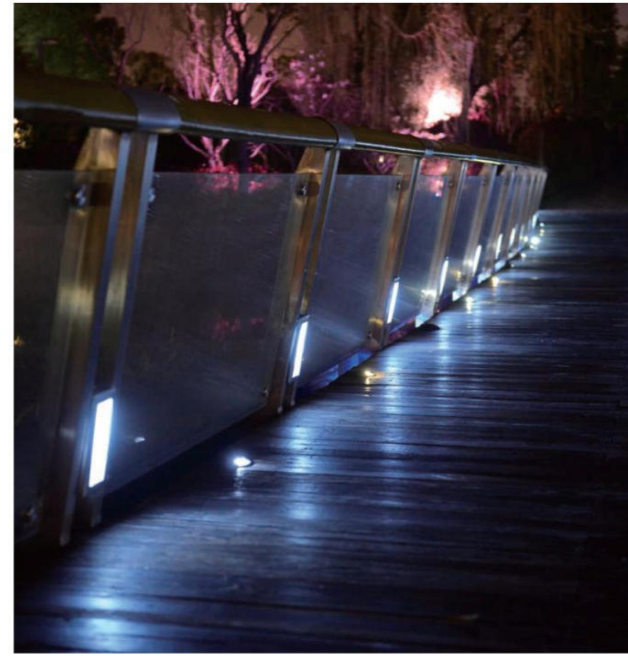
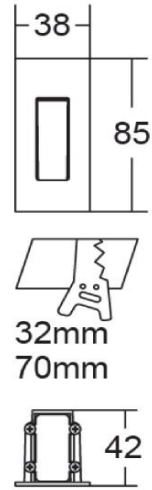
**Size**

A242 x B149x C129mm

**Accessories Included**

LED Luminaires With Driver Included





## LGJY9026

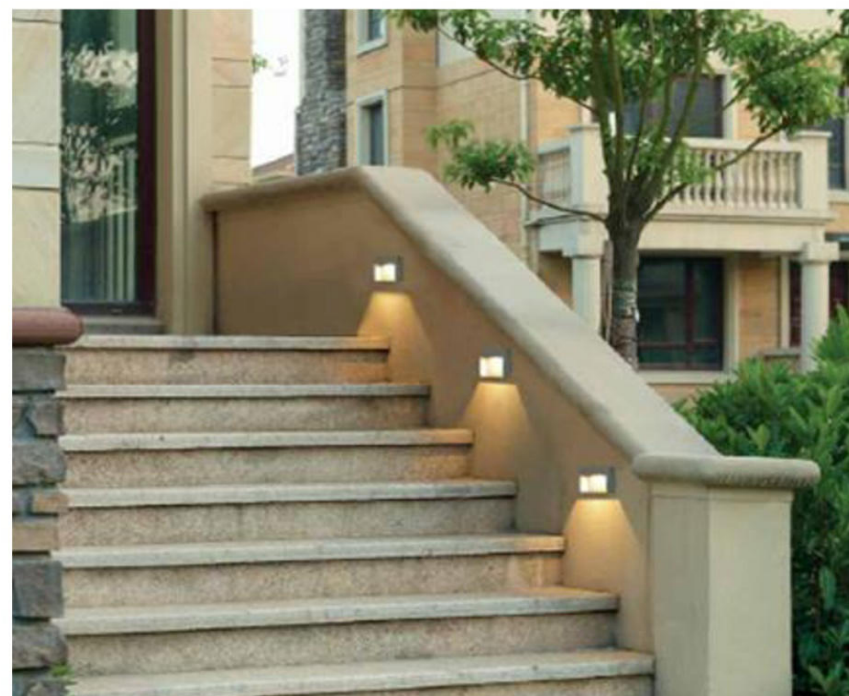
100-240V ← CREE 350mA 50000Hrs IP54 II

**Type**  
LED Outdoor Step Light

<b>LED Qty</b>	1
<b>Max Watts</b>	1
<b>PF</b>	0.9
<b>CRI</b>	80-85
<b>Lum/W(lm)</b>	100-110
<b>Colour Temperature</b>	W.W
<b>Beam Angle</b>	90°

**Materials**  
Die-Cast Aluminium

**Size**



## LGH9921

CREE LED 24.0V

**Type**  
LED Outdoor Step Light

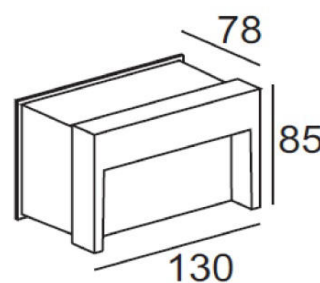
**Light Source**  
1 x 3w 3000k  
Cree Chip

**Materials**  
Die-Cast Aluminium

**IP Rate**  
IP 65

**Size**  
78mm x 130mm x 85mm H

**Accessories Included**





**QUAXION**



**LGR1515**

LED  240V 

**Type**  
LED Buried Light

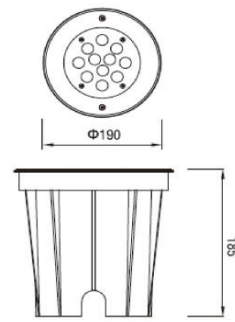
**Light Source**  
12 x 1W 3000K – 240v

**Materials / Colour**  
Die-Cast Aluminium / Clear Glass  
Silicon Rubber Gasket / Graphite

**IP Rate**  
IP54

**Size**  
108 x 108 x 200mmH

**Accessories Included**  
Driver Included



**QUAXION**



**LG1251**

**CREE**  LED 240V 

**Type**  
LED Outdoor Wall Light

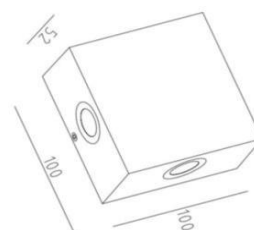
**Light Source**  
4 x 1w 3000K  
Cree Chip

**Materials**  
Die-Cast Aluminium

**IP Rate**  
IP 54

**Size**  
52mm x 100mm x 100mm

**Accessories Included**



Dark Gray



**ESP-WW125**

LED 240V 

**Type**

LED Outdoor Spike Light

**Light Source**

3 x 1w 3000K Dark Grey  
Cree Chip

**Materials**

Die-Cast Aluminium

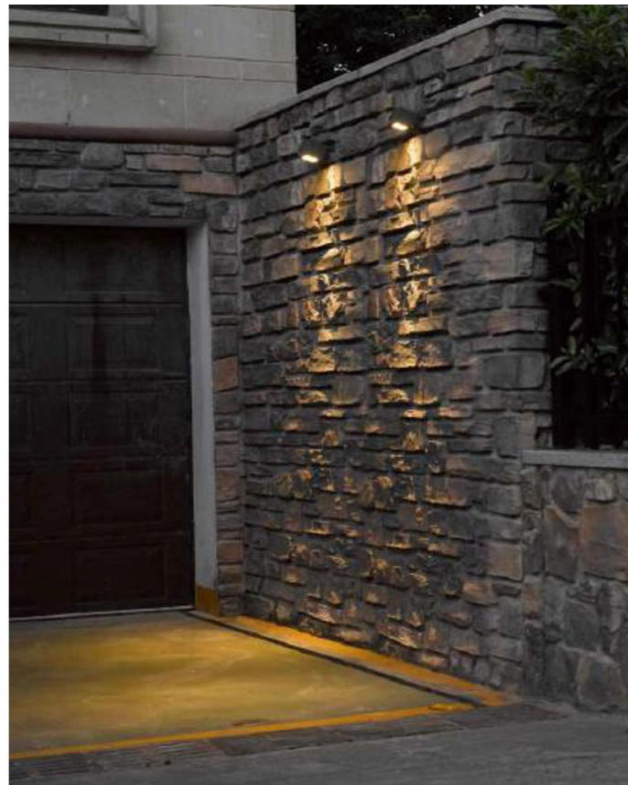
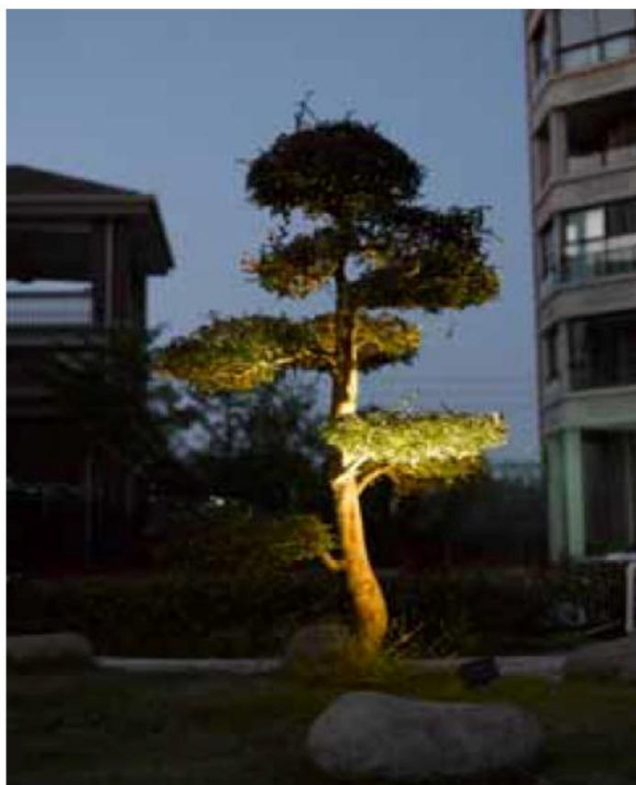
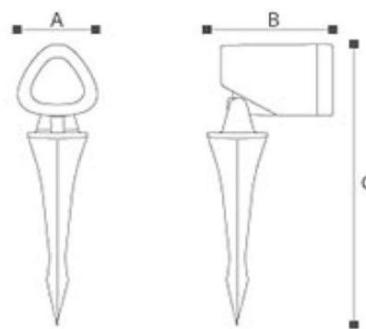
**IP Rate**

IP 65

**Size**

66 x 100 x 278

**Accessories Included**



**EGLH171**

**CREE** LED 240V 

**Type**

LED Outdoor Spotlight

**Light Source**

4 x 2w 3000K  
Cree Chip

**Materials**

Die-Cast Aluminium

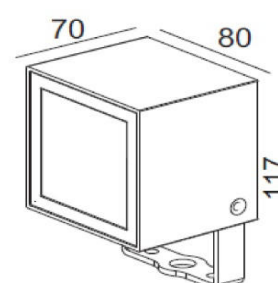
**IP Rate**

IP 54

**Size**

81mm x 81mm x H 106mm

**Accessories Included**



Dark Gray



## ED116-24V

LED 24V 

### Type

LED Spotlight / Spike Light

### Light Source

5 \* 2w 3000K – 24V Osram 20°

### Materials

Alum Anodized Finishing

### IP Rate

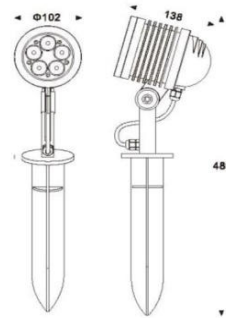
IP65

### Size

138mm x 102mm x 380mm H

### Accessories Included

GLS0020-24V 20W Driver IP65



## EPR918-24V

LED 24V 

### Type

LED Underwater

### Light Source

6 x 3W 3000K ( Cree LED )  
25 degree

### Materials / Colour

Front Cover : Stainless steel AISI 316

Housing : Stainless steel AISI 316

The device must be used underwater

### IP Rate

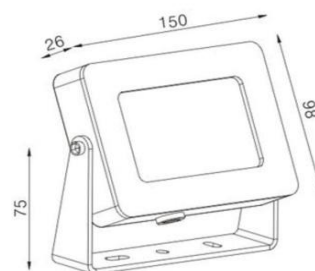
IP68

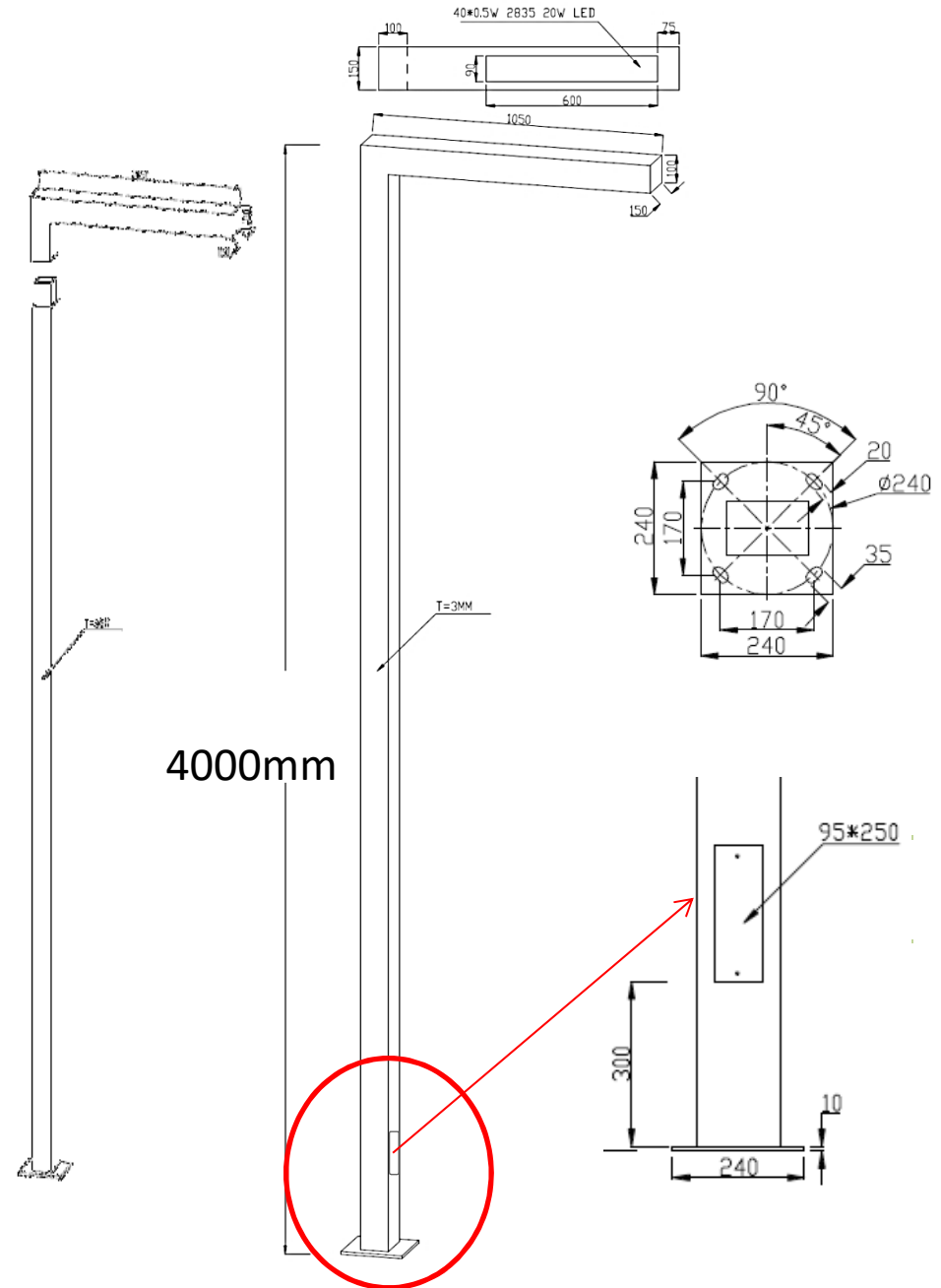
### Size

26 mm x 150mm x 98mmH

### Accessories Included

GLMW-LPV-35-24V IP67





## VIOHF1001 -4M

### Type

LED Street Light-Dark Grey

### Light Source

40nos x 0.5W (20W) LED Linear  
3000K c/w driver

### Materials

Extruded Aluminium pole in  
Dark Grey Finished &  
Aluminium anodised reflector

### IP Rate

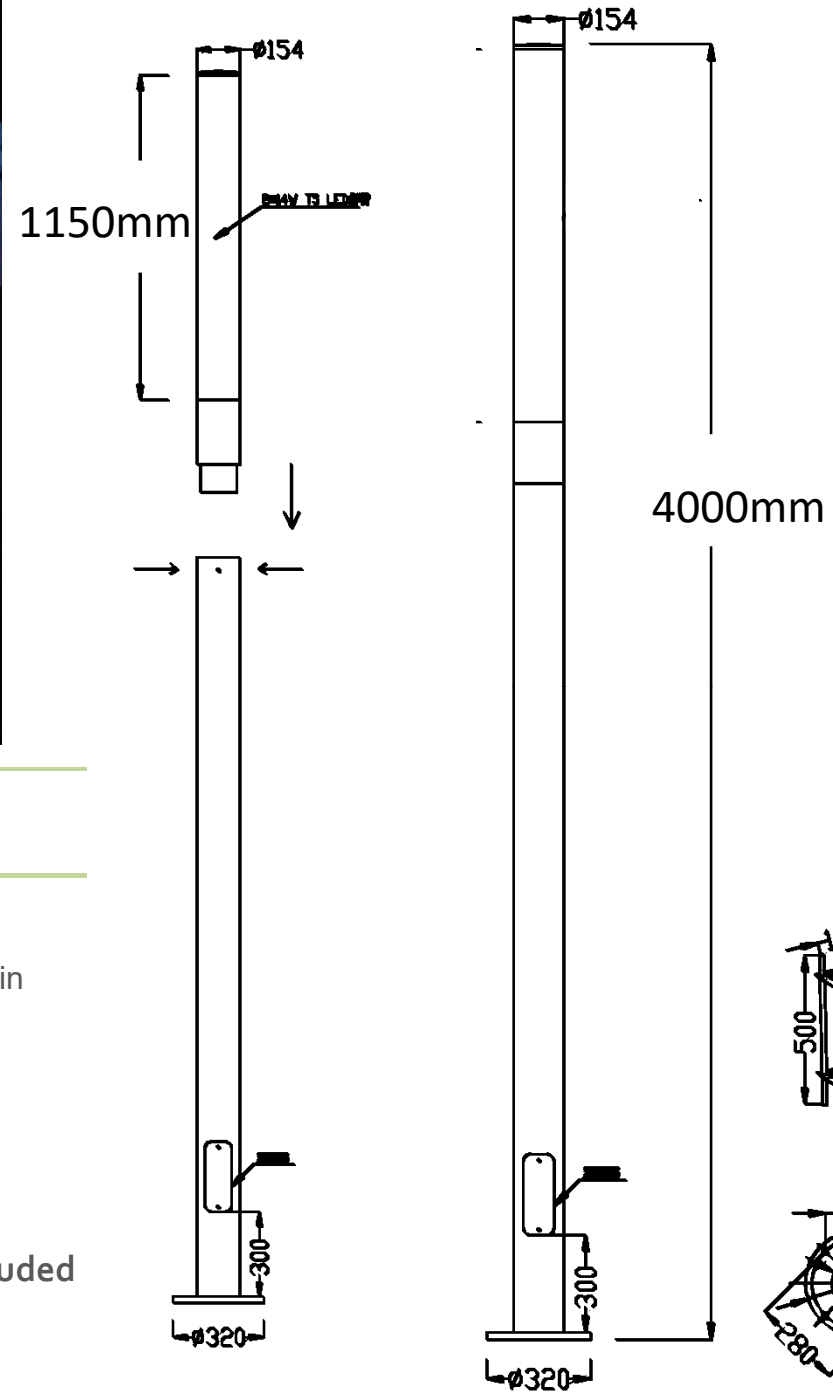
IP65

### Size

1050mm L x 4000 mmHt

### Accessories Not Included

'J' Bolt



## QUAXF1002-4M

### Type

LED Pole Light

### Light Source

2 x 16 Watt T5 LED Lt in  
WW 3000K  
Build in driver

### Materials / Colour

Extruded Aluminium Pole in Dark Grey  
Finished c/w Opal Acrylic

### IP Rate

IP65

### Size

4000mm Ht x 154mm Dia

### Accessories Not Included

'J' Bolt

# LED Streetlight



## ESLG LED Streetlight

ESLG with Cree LEDs offer optimum visual conditions while enabling maximum energy saving for Street light.

### Benefits

- Minimum 60% energy saving compare to high-intensity discharge lamps solution.
- Better visibility at night.
- Easy installation.
- Minimum maintenance.

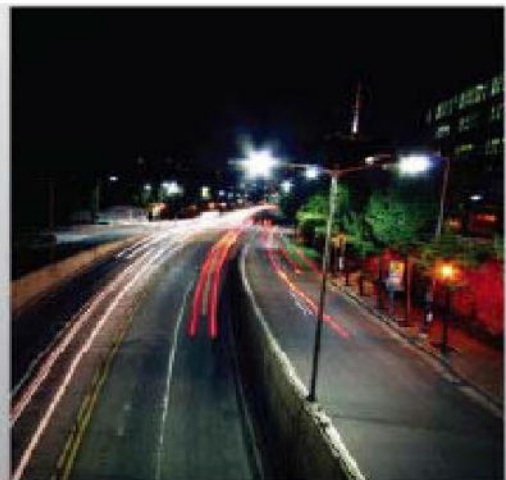


### Features

- Efficient secondary optics.
- Selectable power option.
- Long useful life up to 50,000Hrs.

### Application

- Roadways
- Gardens
- Factories

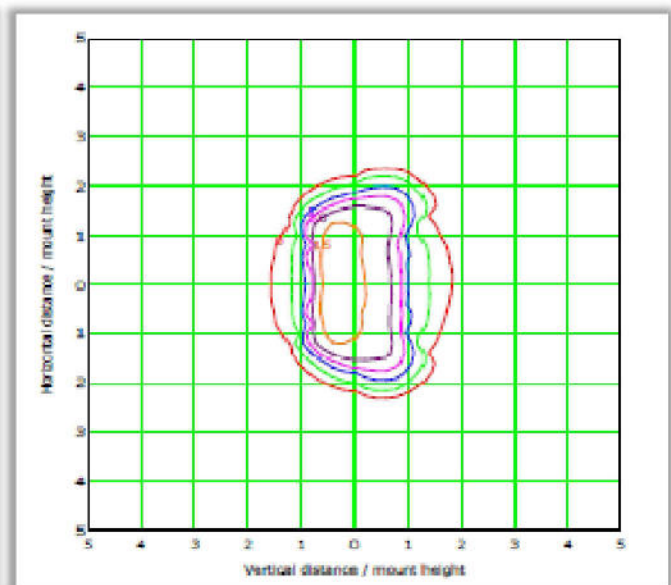
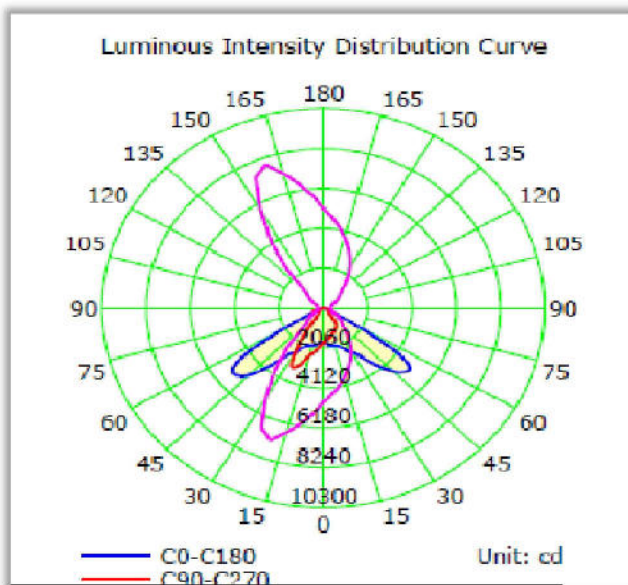


Technical Specification :

Model	ESLG-070-CPN4
AC Input	90 ~ 305Vac
System Power	70 Watts
LED Driving Current	450mA
Number of LEDs	48pcs
Luminous Flux ( Hot Lumen )	7500lm
Luminous Efficacy	>100lm/W
Light Color	Cool White ( 5000 ~6500K )
Color Rendering index (CRI)	> 70
Beam Angle	120 x 90 x 60
Operating Temperature	-30 ~ 50° C
Storage Temperature	-10 ~ 90° C
Lifetime (typ.)	50,000Hrs at Ta 40° C
Heatsink Material	Aluminium Extruded
Luminaire Cover Material	Clear PC
LED Lumen Maintenance	LM80
Casing Color	Silver
Size (L) X (W) x (H)	823mm x 185mm X 77mm
IP rating	IP66
Electrical Safety	Class II
Compliance	CE, RoHS

Photometric data :

ISOlux Plot :





## LED Lawn Light

### Lighting Technology

Luminaires with LED  
with LED integral power supply unit

### Color temperature

3000K Osram Chip

### Protection class

IP54

### Material

Aluminium extruded sections; Die-casting  
Aluminium; PC

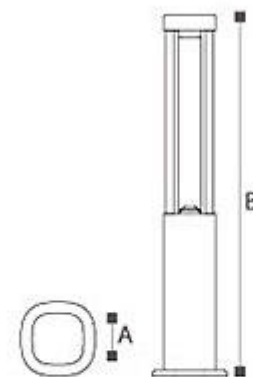
### Body color

Dark Gray

### Certification

CE RoHS ISO9001-2008 BSCI

ERP Certification



	Lamp	Lumen	A	B
GL14403	LED 6W	520LM	70	800

**EVESP-GL14403**

**SURFACE FLUORESCENT LUMINAIRE**  
**QB series**



**Design**

The QB batten is the most basic and economical form of T5 version luminaire. It offers good light output to suit general purpose task. This luminaire is ideal for general carpark, corridors, plant room and staircase. Best to be used as cove / pelmet indirect light.

**Options**

- Metal reflector (symmetric or assymmetric)
- Aluminium reflector (symmetric or assymmetric)
- Specular, semi-specular or matt anodised aluminium reflector
- Wireguard or diakon diffuser
- Emergency Power Pack for 1 lamp c/w 3 hours back up nickel-hydrate battery

Model	Width (mm)	Length (mm)	Height (mm)
QB 1 x 14w/24w	36	567	57
QB 1 x 21w/39w	36	867	57
QB 1 x 28w/54w	36	1167	57
QB 1 x 35w/49w	36	1450	57
QB 2 x 14w/24w	94	567	57
QB 2 x 28w/54w	94	1167	57
QB 2 x 35w/49w	94	1450	57

Other Wattages (High Output Lamps) available

**SURFACE FLUORESCENT LUMINAIRE**  
**QWG series**



**Design**

The QWG batten is the most basic and economical form of T5 version luminaire. It offers good light output to suit general purpose task. This luminaire is ideal for general carpark, corridors, plant room and staircase.

**Options**

- Metal reflector (symmetric or assymmetric)
- Aluminium reflector (symmetric or assymmetric)
- Specular, semi-specular or matt anodised aluminium reflector
- Wireguard or diakon diffuser
- Emergency Power Pack for 1 lamp c/w 3 hours back up nickel-hydrate battery

Model	Width (mm)	Length (mm)	Height (mm)
QWG 1 x 14w/24w	46	567	85
QWG 1 x 21w/39w	46	867	85
QWG 1 x 28w/54w	46	1167	85
QWG 1 x 35w/49w	46	1450	85
QWG 2 x 14w/24w	104	567	85
QWG 2 x 28w/54w	104	1167	85
QWG 2 x 35w/49w	104	1450	85

Other Wattages (High Output Lamps) available

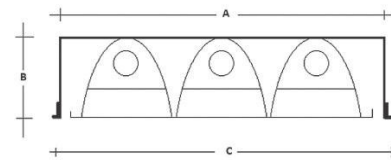
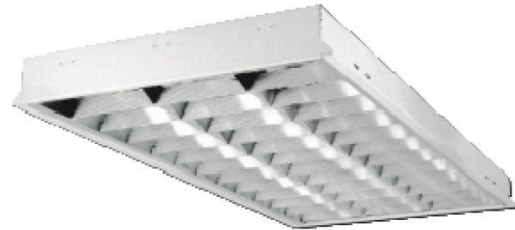


## Recessed Mounted Series

### VIOR-ARLED

**MODEL** : VIOR-ARLED  
**DESCRIPTION** : Recessed Fitting c/w aluminium louvre reflector  
**RECOMMENDED INSTALLATION AREA** : General Office Area  
**INGRESS PROTECTION (IP)** : IP20  
**DIFFUSER OPTION** : N/A  
**REFLECTOR OPTION** : Specular, Matt Aluminium

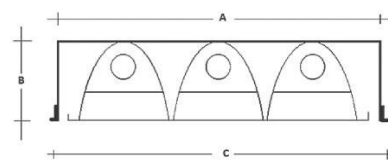
MODEL	WATTAGE	Length x W(A) x H(B) [mm]
VIOR-ARLED 120	1 x 9w LED	610 300 85
VIOR-ARLED 220	2 x 9w LED	610 300 / 600 85
VIOR-ARLED 320	3 x 9w LED	610 600 85
VIOR-ARLED 420	4 x 9w LED	610 600 85
VIOR-ARLED 140	1 x 18w LED	1220 300 85
VIOR-ARLED 240	2 x 18w LED	1220 300 / 600 85
VIOR-ARLED 340	3 x 18w LED	1220 600 85
VIOR-ARLED 440	4 x 18w LED	1220 600 85



### VIOH-ARL/LEG

**MODEL** : VIOH-ARL/LEG  
**DESCRIPTION** : Recessed Fitting c/w low glare aluminium louvre reflector  
**RECOMMENDED INSTALLATION AREA** : Computer Intensive Office Area, Sports Hall  
**INGRESS PROTECTION (IP)** : IP20  
**DIFFUSER OPTION** : N/A  
**REFLECTOR OPTION** : Specular, matt aluminium reflector

MODEL	WATTAGE	Length x W(A) x H(B) [mm]
VIOH-ARL/LEG 120	1 x 9w LED	610 300 85
VIOH-ARL/LEG 220	2 x 9w LED	610 300 / 600 85
VIOH-ARL/LEG 320	3 x 9w LED	610 600 85
VIOH-ARL/LEG 420	4 x 9w LED	610 600 85
VIOH-ARL/LEG 140	1 x 18w LED	1220 300 85
VIOH-ARL/LEG 240	2 x 18w LED	1220 300 / 600 85
VIOH-ARL/LEG 340	3 x 18w LED	1220 600 85
VIOH-ARL/LEG 440	4 x 18w LED	1220 600 85



Note: Due to continuous development and improvement, dimension & designs are subject to change without notice.

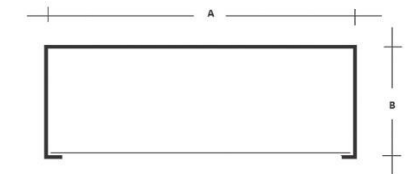
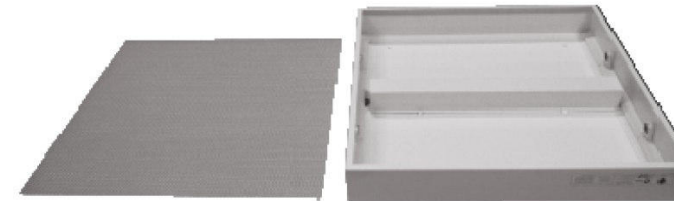


## Surface Mounted Series

### VIOSD-LEP

**MODEL** : VIOSD-LEP  
**DESCRIPTION** : Surface Fitting c/w prismatic diffuser  
**RECOMMENDED INSTALLATION AREA** : Staircase, Corridor, Kitchen Area  
**INGRESS PROTECTION (IP)** : IP20  
**DIFFUSER OPTION** : Prismatic, Opal, Clear Acrylic  
**REFLECTOR OPTION** : Specular, matt aluminium reflector

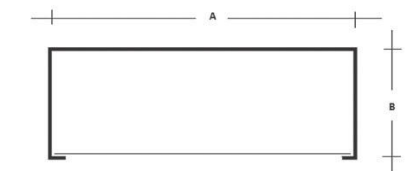
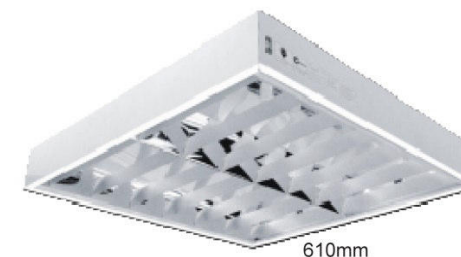
MODEL	WATTAGE	Length x W(A) x H(B) [mm]
VIOSD-LEP 120	1 x 9w LED	610 305 85
VIOSD-LEP 220	2 x 9w LED	610 305 / 610 85
VIOSD-LEP 320	3 x 9w LED	610 610 85
VIOSD-LEP 420	4 x 9w LED	610 610 85
VIOSD-LEP 140	1 x 18w LED	1220 305 85
VIOSD-LEP 240	2 x 18w LED	1220 305 / 610 85
VIOSD-LEP 340	3 x 18w LED	1220 610 85
VIOSD-LEP 440	4 x 18w LED	1220 610 85



### VIOSD-VLED

**MODEL** : VIOSD-VLED  
**DESCRIPTION** : Surface fitting c/w aluminium louvre reflector  
**RECOMMENDED INSTALLATION AREA** : Office Area  
**INGRESS PROTECTION (IP)** : IP20  
**DIFFUSER OPTION** : N/A  
**REFLECTOR OPTION** : Specular, matt aluminium reflector

MODEL	WATTAGE	Length x W(A) x H(B) [mm]
VIOSD-VLED 120	1 x 9w LED	610 305 85
VIOSD-VLED 220	2 x 9w LED	610 305 / 610 85
VIOSD-VLED 320	3 x 9w LED	610 610 85
VIOSD-VLED 420	4 x 9w LED	610 610 85
VIOSD-VLED 140	1 x 18w LED	1220 305 85
VIOSD-VLED 240	2 x 18w LED	1220 305 / 610 85
VIOSD-VLED 340	3 x 18w LED	1220 610 85
VIOSD-VLED 440	4 x 18w LED	1220 610 85



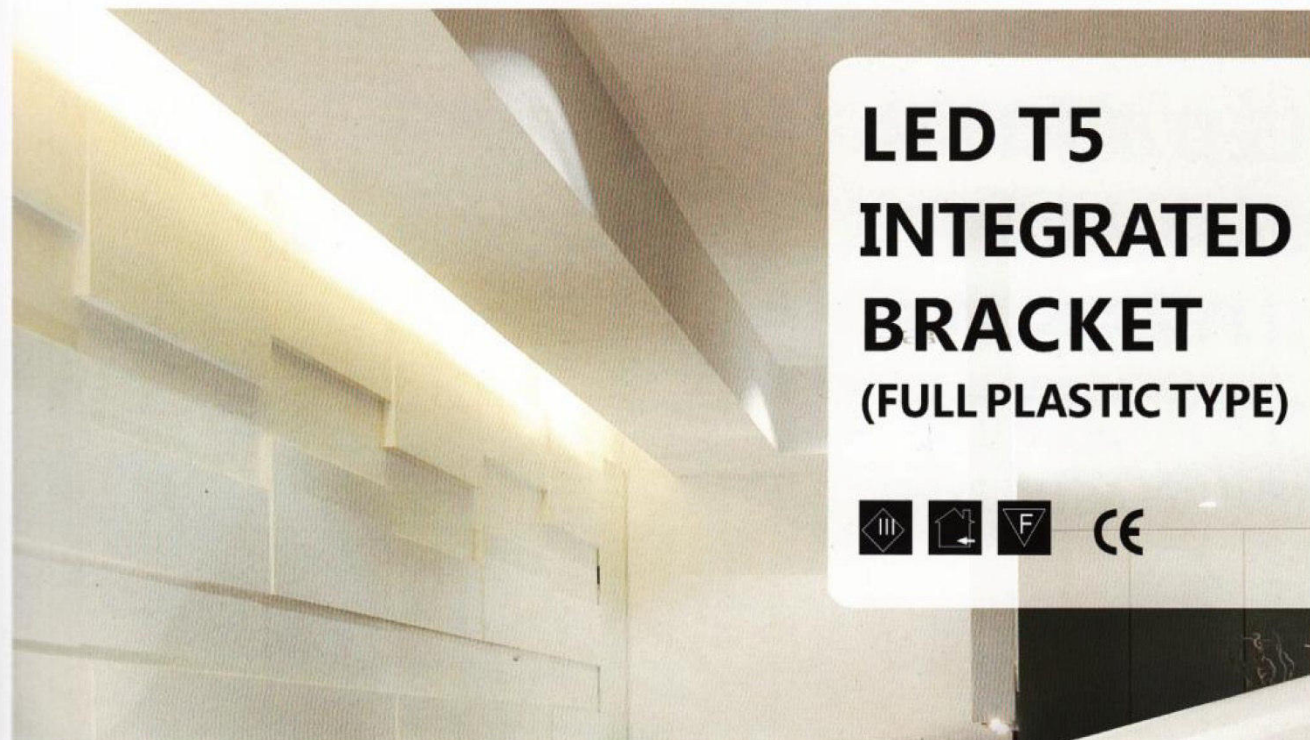
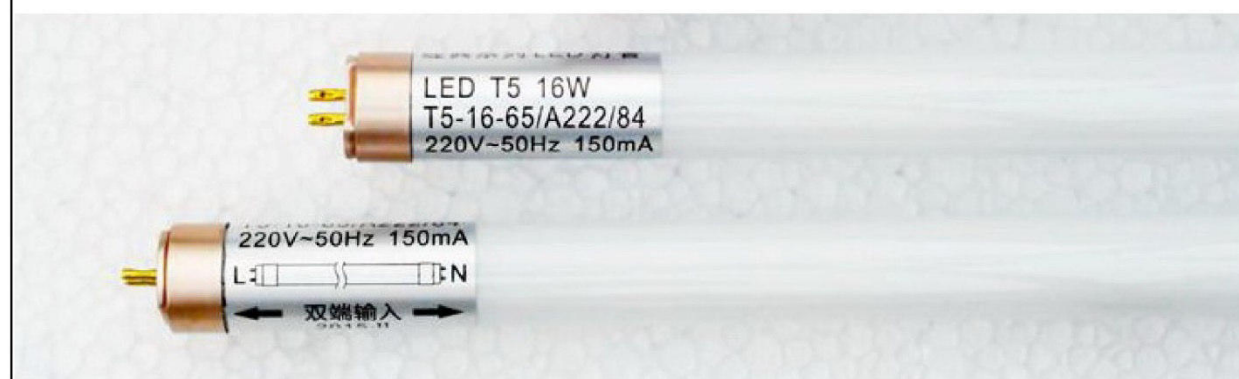
Note: Due to continuous development and improvement, dimension & designs are subject to change without notice.

**VioLite 16W T5 LED Tube Specification**

Model: T5-16W-WW / T5-16W-DL

Physical Specification	
LED Quantity	250 pcs
Type of LED	SMD3528
Dimension	L 1160mm x Ø 15mm
Pin Type	G5
Weight	250g
Material	Glass Tube
Operation Temp.	-20°C to 40°C
IP Grade	IP 20 (Indoor use, dry environment)
Electrical Specification	
Rated Power	16W
Replacement	36W conventional fluorescent tube
Power Factor	> 95%
Input Voltage	220 - 240V
Frequency	50 / 60Hz
Life	50,000 hours
Optical Specification	
Luminous Efficacy	90 - 100 lm/w
Colour Rendering Index	Ra > 80 (White)
	Ra > 85 (Warm White)
Colour Temperature	2700 - 6500K
Lumen Degradation	<5% at 3,000 hours
Beam Angle	270°
Luminous Flux	Warm White: 1440 lm
	Cool White: 1520 lm
	Day Light: 1600 lm

Product Photo



**LED T5  
INTEGRATED  
BRACKET  
(FULL PLASTIC TYPE)**



accessories

**Features:**

- New design, housing and diffuser are made of plastic;
- Built-in driver, no stroboscopic effect.


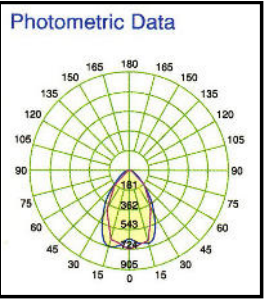
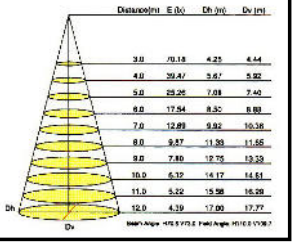
**Applications:**

- Widely applied in factories, offices, banks, shopping centres, subways, schools and other places with high brightness and energy saving benefits.

Item No.	Power (W)	Input Voltage	Color Temp(K)	Lumen (lm)	CRI (Ra)	PF	Size(W*H*L) (mm)	Beam Angle(°)	LED Type	Life (hrs)
LED T5 4W/P	4	AC220-240V	3000/4000/6500	320/340/360	80	0.75	22.5x36x320	160	SMD	25,000
LED T5 7W/P	7	AC220-240V	3000/4000/6500	570/610/625	80	0.85	22.5x36x582	160	SMD	25,000
LED T5 10W/P	10	AC220-240V	3000/4000/6500	790/840/900	80	0.9	22.5x36x882	160	SMD	25,000
LED T5 14W/P	14	AC220-240V	3000/4000/6500	1100/1170/1200	80	0.9	22.5x36x1182	160	SMD	25,000


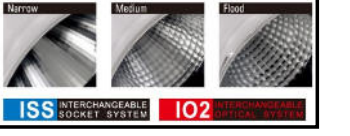
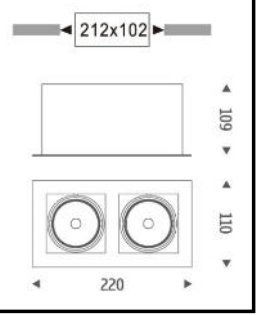
LUMINAIRE CUT SHEET


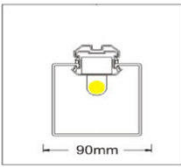
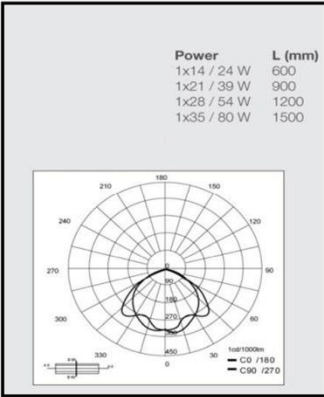
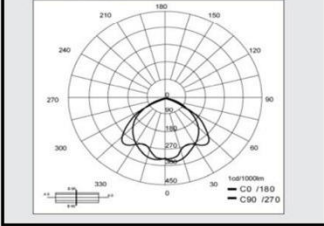

RECESSED LED DOWNLIGHT

PROJECT			
LOCATION / AREA		MANAGER ROOM, CORRIDOR, COMMON AREA, LOBBY.	
1. MATERIAL	Housing	Die-Cast Aluminium in White Finish (RAL 9002)	
	Trim	Die-Cast Aluminium	
	Lamp Compartment	Die-Cast Aluminium	
	Protective Glass	Frosted Acrylic	
	Reflector	Matt White	
	Lamp Holder	-	
	Heat Sink	-	
			
2. OPTIC SYSTEM	Feature	-	
	Light Emission Device	-	
	Light Distribution	Symmetrical	
	Beam Angle	120°	
	Glare Cut	30°	
	Tilting Angle	Fixed	
	Rotating Angle	Fixed	
	LOR (%)	≥ 80	
			
3. SIZE (MM)	-		
4. WEIGHT (KG)	-		
5. INGRESS PROTECTION (IP)	20		
6. LAMP (LED)	Brand	CITIZEN	
	Order No.	SMD/COB	
	Watts (W)	18	
	Bulb	WARM WHITE	
	Base	-	
	Color Temperature (°K)	4000	
	Color Rendering (Ra)	≥ 80	
	Lamp Voltage (V)	58VDC	
	Lamp Current (mA)	350	
	Initial Lumens (lm)	1800	
	Average Burning Hours	50,000 (Ta@25°C)	
			
7. DRIVER	Brand	QUAXION-NEXUS	
	Order No.	QUA-LD-CU3554-04	
	Type	-	
	Wattage (W)	18	
	Voltage (V)	100~240	
	Main Current (A)	0.23	
	Power Factor	≥ 0.95	
	Ignition Voltage (V)	-	
	Total Harmonic Distortion	≥10% (EN 61000-3-2)	
	Main Frequency (Hz)	50 to 60	
	Operation Frequency (Hz)	Approx. 45KHz	
	Casing Temperature tc (°C)	Max. 70	
8. BRAND	ROUND:- QUAXION QDL6-F18-W12	LUM CODE	
	SQUARE:- QUAXION QDL5-F18-W12	QUANTITY	-

LUMINAIRE CUT SHEET

RECESSED DOWNLIGHT

PROJECT			
LOCATION / AREA		COMMON AREA/MANAGER ROOM/MEETING ROOM	
1. MATERIAL	Housing	Aluminium	
	Trim	Die-Cast Aluminium (White)	
	Lamp Compartment	Die-Cast Aluminium	
	Protective Glass	Clear Tempered Glass	
	Reflector	99.98% Anodized Aluminium	
	Lamp Holder	-	
	Heat Sink	Die-Cast Aluminium in BLACK	
			
2. OPTIC SYSTEM	Feature	Interchangeable Optic System	
	Light Emission Device	Built In	
	Light Distribution	Symmetrical	
	Beam Angle	Medium	
	Glare Cut	40°	
	Tilting Angle	30° X 30°	
	Rotating Angle	355°	
	LOR (%)	-	
			
3. SIZE (MM)	220(L) X 110(W) X 109(H)		
4. WEIGHT (KG)	Approx.1.11Kgs		
5. INGRESS PROTECTION (IP)	40		
6. LAMP (LED)	Brand	SHARP	
	Order No.	LED BMRK05	
	Watts (W)	15	
	Bulb	LED	
	Base	-	
	Color Temperature (°K)	3500	
	Color Rendering (Ra)	≥ 80	
	Lamp Voltage (V)	-	
	Lamp Current (mA)	350	
	Initial Lumens (lm)	2 X 1300	
	Average Burning Hours	40,000 (Ta@25°C)	
			
7. DRIVER	Brand	TRIDONIC	
	Order No.	0015 K350 15VA 350mA	
	Type	Constant Current Electronic (EN613470-1)	
	Wattage (W)	15	
	Voltage (V)	220 ~ 240	
	Main Current (mA)	350	
	Power Factor	0.95	
	Ignition Voltage (V)	-	
	Total Harmonic Distortion	≥10% (EN 61000-3-2)	
	Main Frequency (Hz)	50 to 60	
	Operation Frequency (Hz)	-	
	Casing Temperature tc (°C)	Max. 80	
8. BRAND	VIOCASTH BOXER 2LBOX731-W	LUM CODE	DL-1
		QUANTITY	-

PROJECT													
LOCATION / AREA		-											
1. MATERIAL	Body/Trim	Aluminium in White (RAL 9002)											
	Housing	Aluminium											
	Protective Glass	PMMA											
	Lamp Compartment	Aluminium Finish with Wiring Terminal Box											
	Reflector	N/A											
	Lamp Holder	G5											
	Heat Sink	N/A											
	2. OPTIC SYSTEM			  <table border="1"> <thead> <tr> <th>Power</th> <th>L (mm)</th> </tr> </thead> <tbody> <tr> <td>1x14 / 24 W</td> <td>600</td> </tr> <tr> <td>1x21 / 39 W</td> <td>900</td> </tr> <tr> <td>1x28 / 54 W</td> <td>1200</td> </tr> <tr> <td>1x35 / 80 W</td> <td>1500</td> </tr> </tbody> </table> 		Power	L (mm)	1x14 / 24 W	600	1x21 / 39 W	900	1x28 / 54 W	1200
Power	L (mm)												
1x14 / 24 W	600												
1x21 / 39 W	900												
1x28 / 54 W	1200												
1x35 / 80 W	1500												
Feature		Interchange Optic System											
Light Emission Device		N/A											
Light Distribution		Symmetrical											
Beam Angle		120°											
Glare Cut		N/A											
Tilting Angle		Fixed											
Rotating Angle		Fixed											
LOR (%)		67%											
3. SIZE (MM)		900(L) X 90(W) X 90(H)mm											
4. WEIGHT (KG)		Approx.2.67Kgs											
5. INGRESS PROTECTION (IP)		54											
6. LAMP	Brand	OSRAM											
	Order No.	HO39W/830											
	Watts (W)	39											
	Bulb	T-5											
	Base	G5											
	Color Temperature (°K)	3000											
	Color Rendering (Ra)	≥85											
	Lamp Voltage (V)	-											
	Lamp Current (A)	-											
	Initial Lumens (lm)	3100											
	Average Burning Hours	12000											
	7. BALLAST	Brand		OSRAM									
Type		Electronic (EN61347)											
Wattage (W)		39											
Voltage (V)		220 ~ 240											
Main Current (A)		0.27											
Power Factor		≥ 0.95											
Ignition Voltage (V)		Max.5KV											
Total Harmonic Distortion		≥ 10% (EN 61000-3-2)											
Main Frequency (Hz)		50/60											
Operation Frequency (Hz)		130											
Casing Temperature tc (°C)		Max 80											
8. BRAND		VIOCASH V227B/39		LUM CODE									
			QUANTITY										




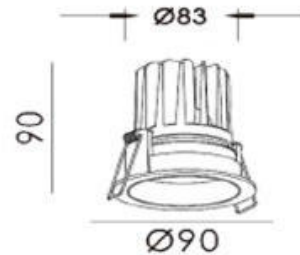
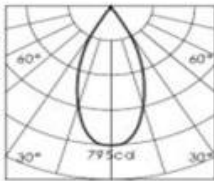
<b>Project</b>		<b>Luminaire Code</b>
<b>Luminaire Type</b>	Flexible LED Light	
<b>Model</b>	XH2815MM	



Model	XH2815WW
DC Input	12VDC
Rated Wattage	5Watt / Meter
Pitching Of LED to LED	16mm
Luminous Flux ( lm/M )	285
Color Temperature (CCT)	3000K
Color Rendering Index (CRI)	80Ra
LED Beam Angle	120 degree
LED Brand	Epistar Taiwan
Humidity	40% to 70%
Ambient Temp	-20°C to +45°C
Ip Rating	IP68
Weight	105g /M
Accessories	Meanwell LED Driver
Approbations	CE, ETL
Dimensions	5,000mm x 12mm x 4.5mm
Light Output Ratio (LOR)	Not Applicable


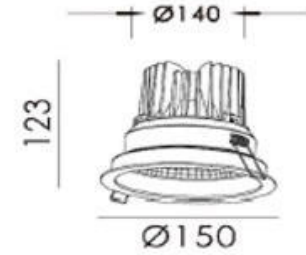
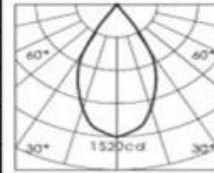
Project Name:			
Project Location:			
Project Reference No:			
Product Reference No:	Product Quantity:		
Products Type:			
Installation Location:			

### PROPOSED PRODUCT

<p>MATERIAL: DIE CAST ALUMINIUM, POWDER COATED. AVAILABLE IN 3000K/4000K. REFLECTOR: ANODISED ALUMINIUM SPECULAR SILVER REFLECTOR. WITH CONSTANT CURRENT 1-10V DIMMABLE LED DRIVER. IP44.</p>																						
Brand:																						
Model No. / System:	X110	<p>Dimension Drawing:</p> 																				
Order No:																						
Lamp Type / Watt	1 x COB LED 10W																					
Lumen per Watt	80lm/W																					
Luminous Flux	800lm																					
Lamp Colour	3000K																					
Lamp Base	LED																					
Colour Rendering	80																					
Housing material	Die Cast Aluminium																					
Housing Color	White																					
Enclosure	LED Optical Lens	<p>Photometric Data:</p>  <table border="1"> <thead> <tr> <th>h (m)</th> <th>D (m)</th> <th>Em (lx)</th> <th>E<sub>max</sub> (lx)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.9</td> <td>356</td> <td>792</td> </tr> <tr> <td>2</td> <td>1.7</td> <td>109</td> <td>198</td> </tr> <tr> <td>3</td> <td>2.6</td> <td>57</td> <td>88</td> </tr> <tr> <td>4</td> <td>3.4</td> <td>38</td> <td>50</td> </tr> </tbody> </table>	h (m)	D (m)	Em (lx)	E <sub>max</sub> (lx)	1	0.9	356	792	2	1.7	109	198	3	2.6	57	88	4	3.4	38	50
h (m)	D (m)		Em (lx)	E <sub>max</sub> (lx)																		
1	0.9		356	792																		
2	1.7		109	198																		
3	2.6		57	88																		
4	3.4		38	50																		
Protection Class	IP44																					
Dimension [mm]	D90, H90, DA83																					
Weight																						
Type of Reflector	40°																					
Distribution	Symmetrical																					
System	220-230VAC/50-60Hz																					
Material	Specular Aluminium																					
Product Standards	CE																					
Accessories	Remote 1-10V Dimmable LED Driver																					

Project Name:			
Project Location:			
Project Reference No:			
Product Reference No:	Product Quantity:		
Products Type:			
Installation Location:			

### PROPOSED PRODUCT

<p>MATERIAL: DIE CAST ALUMINIUM, POWDER COATED. AVAILABLE IN 3000K/4000K. REFLECTOR: ANODISED ALUMINIUM SPECULAR SILVER REFLECTOR. WITH CONSTANT CURRENT 1-10V DIMMABLE LED DRIVER. IP44.</p>																										
Brand:																										
Model No. / System:	X120	<p>Dimension Drawing:</p> 																								
Order No:																										
Lamp Type / Watt	1 x COB LED 20W																									
Lumen per Watt	95lm/W																									
Luminous Flux	1900lm																									
Lamp Colour	3000K																									
Lamp Base	LED																									
Colour Rendering	80																									
Housing material	Die Cast Aluminium																									
Housing Color	White																									
Enclosure	LED Optical Lens	<p>Photometric Data:</p>  <table border="1"> <thead> <tr> <th>h (m)</th> <th>D (m)</th> <th>Em (lx)</th> <th>E<sub>max</sub> (lx)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1.1</td> <td>681</td> <td>1514</td> </tr> <tr> <td>2</td> <td>2.2</td> <td>208</td> <td>379</td> </tr> <tr> <td>3</td> <td>3.3</td> <td>109</td> <td>168</td> </tr> <tr> <td>4</td> <td>4.4</td> <td>71</td> <td>95</td> </tr> <tr> <td>5</td> <td>5.5</td> <td>52</td> <td>61</td> </tr> </tbody> </table>	h (m)	D (m)	Em (lx)	E <sub>max</sub> (lx)	1	1.1	681	1514	2	2.2	208	379	3	3.3	109	168	4	4.4	71	95	5	5.5	52	61
h (m)	D (m)		Em (lx)	E <sub>max</sub> (lx)																						
1	1.1		681	1514																						
2	2.2		208	379																						
3	3.3		109	168																						
4	4.4		71	95																						
5	5.5		52	61																						
Protection Class	IP44																									
Dimension [mm]	D150, H123, DA140																									
Weight																										
Type of Reflector	50°																									
Distribution	Symmetrical																									
System	220-230VAC/50-60Hz																									
Material	Specular Aluminium																									
Product Standards	CE																									
Accessories	Remote 1-10V Dimmable LED Driver																									



## LED Track Light Fitting



**MODEL: L73**

**Materials/Finish**

- L73 LED track spot light fitting with dimension of 130mm(Dia.) x 288mm(H) c/w:
- Die casting aluminum body in Sand White / Silver / Black colour
  - Beam Angle: 36°
  - Integral Non-Dimmable LED driver

**Lamps use**

- 1 x 25W 3000K LED Lamp (Made in Taiwan)
- 1 x 25W 4200K LED Lamp (Made in Taiwan)
- 1 x 25W 6400K LED Lamp (Made in Taiwan)

**Lumen:**

- 2150lm

**CRI:**

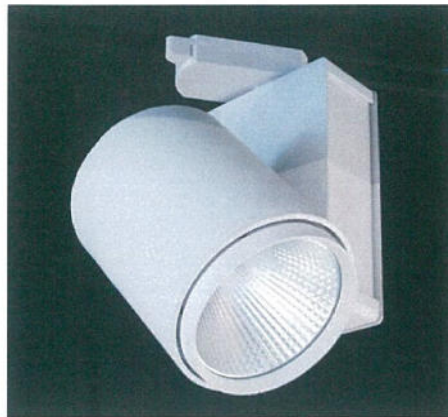
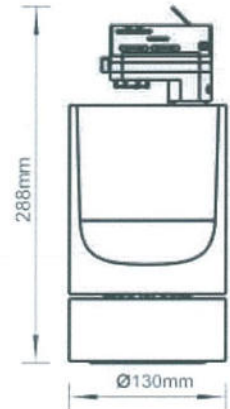
- 85

**Standard**

- IP20

**Installation/Mounting**

- Track Mounting



**MODEL: LHW-1190G**

**Materials/Finish**

- LHW-1190G LED recessed down light fitting with dimension of 93mm(Dia.) x 120mm(H) c/w:
- Die cast aluminium body in black colour
  - Beam angle : 24°
  - Remote Non-Dimmable LED driver

**Lamp use**

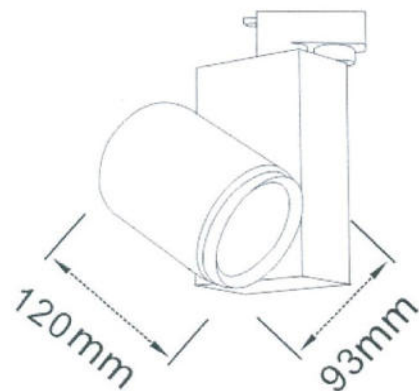
- 1 x 25W (CREE) 3000K LED Lamp

**Lumen:**

- 2150lm

**Installation/Mounting**

- Recessed Mounted



## LED Track Light Fitting



**MODEL: LST162**

**Materials/Finish**

- LST162 LED track light fitting with dimension of 150mm(W) x 245mm(H) c/w:
- Die casting aluminium body in White / Silver / Black colour
  - Beam Angle: 20°
  - Integral Non-Dimmable LED driver

**Lamp use**

- 1 x 25W 3000K LED Lamp (Made in Taiwan)
- 1 x 25W 4200K LED Lamp (Made in Taiwan)
- 1 x 25W 6400K LED Lamp (Made in Taiwan)

**Lumen:**

- 2167lm

**CRI:**

- 85

**Standard**

- IP40

**Installation/Mounting**

- Track Mounting

