Total Lighting Solutions Company.

Oversea Lighting & Electric (M) Sdn Bhd - established from humble beginnings in 1993, is today one of Malaysia's foremost lighting solutions Company.

Our Objectives: Providing Innovative & Cost Effective technologies in architectural, industrial and commercial lighting.


Our Aim: Malaysia’s Total Lighting Solutions Company

Oversea Lighting & Electric (M) Sdn. Bhd. besides being manufacturers of exquisite and customized luminaries are exclusive distributors for several of the world's leading lighting manufacturers such as LAMP Lighting (Spain), INDALUX Technical Lighting (Spain), ATP Illumination (Spain) and Neo-Neon International Ltd (China).

We also provide lighting technical consultancy, installation as well as maintenance for other accredited manufacturer/s in outdoor facade, amenity and street lighting for both private & governmental projects in Malaysia.

Such products include LED (light emitting diode) based customized Solar Street Lighting, Festive Decorative Luminaries and Poles, exquisite luminaries for indoor and ingress protected luminaries for outdoor in domestic, amenity commercial & industrial applications.

Pioneering the LED design & development since 2004, the initiative won accolades for Majlis Perbandaran Kemaman Award for the LED Screen VMS Board in 2005. In 2007, the Dewan Bandaraya Kuala Lumpur (DBKL) Award for the Intelligent Vision Track System, setting the record for super sized display. In 2010, the Majlis Bandaraya Kuala Terengganu Award, for outdoor LED-based display.

We open new possibilities in lighting customizations with the efficiency, the beauty & the quality of lighting, and especially LED based, luminaries with the dependability you'd expect from Oversea Lighting.
**Introduction for LED**

**LED LAMP SOURCE**

**FEATURE OF LED ROAD LIGHTING**

1. Imported high power LED lamp source with module of 1W or 5W is adopted, luminous efficiency >120Lm/w, Long life with excellent stability and consistency, extensive range of color temperature (2600K-6500K), color rendering index Ra ≥70

2. Optical compartment IP65. The attenuation for LED lamp is less than 3% for each year. Its life span is up to 10 years and free of maintenance, can be adapted to wretched working environment.

3. Patented secondary optical design is adopted with entire luminous efficiency up to 95Lm/w, its cooperated light curve shows a shape of bat’s wing, uniformity of illuminance up to 0.5, uniformity of luminance up to 0.6, which makes our products meet the requirement of road lighting.

4. Precision aiming technique can effectively control the direction of light rays, free of light pollution, improve the utilization, especially suitable for the roads surrounded with business and residential area. We can make scientific reasonable design according to actual situation.

5. LED driver adopt integrated circuit which provides separate control, wide voltage working, with (AC-DC) conversion efficiency up to 89%, power factor up to 0.95.
**Introduction for LED**  
**LED LAMP SOURCE**

Typical scheme for 80W LED road lighting (single side)

- Road width: 9M
- Spacing: 28M
- Pole height: 8M
- Bracket: tilt: 15°
- Bracket length: 1.2M
- Eav: 15Lux
- Uo: 0.52
- Glare index: 3.6%

Typical scheme for 135W LED road lighting (Symmetrical double sides)

- Road width: 18M
- Spacing: 32M
- Pole height: 10M
- Bracket: tilt: 12°
- Bracket length: 1.5M
- Eav: 25Lux
- Uo: 0.61
- Glare index: 2.4%
Introduction for LED
LED LAMP SOURCE

Typical scheme for 180W LED road lighting (Symmetrical double sides)

Road width: 24M
Spacing: 35M
Pole height: 10.5M
Bracket: tilt: 15°
Bracket length: 1.5M
Eav: 22Lux
Uo: 0.55
Glare index: 2.76%

ADVANTAGES ON VISUAL DISTINCTION OF LED LAMP SOURCE

HPS illuminance (30-40 Lux)

LED illuminance (20-30 Lux)

With high power consumption, HPS provides enough brightness, but poor in color rendering and visual distinction at long distance which results in inferiority compared with white light for the pedestrians and drivers.

LED lamp source with white light provides illuminance up to 30Lux, is excellent in color rendering, and ensures a better visual distinction at long distance and a safe road illumination environment for both pedestrians and drivers. With strong directionality, LED lighting source can effectively reduce the leakage of the light.
LED (3 Years Warranty)  
Street Lighting Applications (IP65)

OSRAM

LED Module Circuit Temperature Control Feature
The product operates under extreme operation conditions. Built-in electronic circuit monitors the PCB temperature continuously and varying the current load accordingly. If the PCB temperature rises, the current is automatically reduced to avoid the overheating process that affecting LED junction temperature. This feature allows the lighting fixtures operate under extreme environment conditions.

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input (V)</td>
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<tr>
<td>Power (W)</td>
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<td>Luminous Flux (lm)</td>
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<td>Color Temperature (K)</td>
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<td>Color Rendering Property (Ra)</td>
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<tr>
<td>Beam Angle</td>
<td>LED 130°</td>
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<tr>
<td>Protection (IP)</td>
<td>65</td>
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</table>

OLE SL - 001
LED (3 Years Warranty)
Street Lighting Applications (IP65)

OSRAM

LED Module Circuit Temperature Control Feature
The product operates under extreme operation conditions. Built-in electronic circuit monitors the PCB temperature continuously and varies the current load accordingly. If the PCB temperature rises, the current is automatically reduced to avoid the overheating process that affecting LED junction temperature. This feature allows the lighting fixture operate under extreme environment conditions.

Specifications

<table>
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<tr>
<th>Specification</th>
<th>38W</th>
<th>58W</th>
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<td>Power (W)</td>
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<td>58W</td>
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<td>Luminous Flux (lm)</td>
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<td>3940</td>
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<tr>
<td>Color Temperature (K)</td>
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<td>Color Rendering Property (Ra)</td>
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<td>80</td>
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<tr>
<td>Beam Angle</td>
<td>LED 130°</td>
<td>LED 130°</td>
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<td>Protection (IP)</td>
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<td>65</td>
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OLE SL - 002
LED (3 Years Warranty)
Street Lighting Applications (IP65) (22W - 225W)

**Specifications**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
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<tbody>
<tr>
<td><strong>Input Voltage</strong></td>
<td>90 - 264 / 277 Vac</td>
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<td><strong>Power Factor</strong></td>
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<td><strong>Total Harmonic Distortion</strong></td>
<td>&lt;20%</td>
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<tr>
<td><strong>Class Insulation</strong></td>
<td>Class 2</td>
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<tr>
<td><strong>Operating Temperature (Deg C)</strong></td>
<td>-30°C - 50°C</td>
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<tr>
<td><strong>Color Temperature (CCT)</strong></td>
<td>3000K - 7000K</td>
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<tr>
<td><strong>Color Rendering Index (CRI)</strong></td>
<td>80 - Typical</td>
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<tr>
<td><strong>IP Rating</strong></td>
<td>IP65</td>
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<td><strong>RoHS Compliant</strong></td>
<td>Yes</td>
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<td><strong>CE Compliant</strong></td>
<td>Yes</td>
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<td><strong>UL Compliant</strong></td>
<td>Application Pending</td>
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<td><strong>Warranty</strong></td>
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LED Module Circuit Temperature Control Feature

The product operates under extreme operating conditions. Built-in electronic circuit monitors the FCB temperature continuously, and varying the current load accordingly. If the FCB temperature rises, the current is automatically reduced to avoid the overheating process that affects LED junction temperature. This feature allows the lighting fixtures to operate under extreme environment conditions.

![LED Module Image]

OSRAM

699 x 447 x 91mm (10.4 kg)

699 x 363 x 91mm (9.6 kg)

699 x 280 x 91mm (6.4 kg)
LED (3 Years Warranty)
Street Lighting Applications (IP65) (22W - 225W)

*Compartment for wiring.
*Ensure IP box cover is screw tight after wiring.

Color on Lumen Multiplier
CCT Lumen Multiplier

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Multiplier</th>
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<tbody>
<tr>
<td>6500K</td>
<td>1.00</td>
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<tr>
<td>4300K</td>
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<td>3500K</td>
<td>0.75</td>
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Specifications

<table>
<thead>
<tr>
<th>No of LED (No of Module)</th>
<th>Rated Power (W)</th>
<th>System Power (W)</th>
<th>Luminous Flux (Cold Lumens)</th>
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<td>SLF-022-PN1 12(1)</td>
<td>19</td>
<td>22</td>
<td>1512</td>
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<tr>
<td>SLF-045-PN1 24(2)</td>
<td>38</td>
<td>45</td>
<td>3024</td>
</tr>
<tr>
<td>SLF-068-PN1 36(3)</td>
<td>58</td>
<td>68</td>
<td>4536</td>
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<tr>
<td>SLF-090-PN1 48(4)</td>
<td>77</td>
<td>90</td>
<td>6048</td>
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<tr>
<td>SLF-113-PN1 60(5)</td>
<td>96</td>
<td>113</td>
<td>7560</td>
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<tr>
<td>SLF-136-PN1 72(6)</td>
<td>115</td>
<td>136</td>
<td>9072</td>
</tr>
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<td>SLF-158-PN1 84(7)</td>
<td>134</td>
<td>158</td>
<td>10584</td>
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<td>SLF-181-PN1 96(8)</td>
<td>154</td>
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</table>

*200 and 225 Watts SLF data available upon request.

Intensity Distribution Curves
LED (5 Years Warranty)
Street Lighting Applications (IP65) (135W)

OLE NBDD-LED-01 (135W)
* Body: Pressure die-casting aluminium.
* Reflector: Anodized and sealed single piece high purity aluminium plate.
* Lens: High transparent 5mm toughpened glass and optical grade PMMA
* IP: Optical compartment IP65
* Insulation: Class I
* Manufactured according to EN 60598-1:2003, EN 61347-2-13.
* Ambient operating temperature: -30°C - +50°C
* Input: 90-260V 50/60HZ
* Weight: 12.85Kgs.
* Power Supply Driver 3 years warranty

Feature:
1. Use the imported high power LED source 1W or 5W module, efficient performance ≥ 120 lumens/watt, wide color temperature range (2600K-6200K), CRi ≥ 70
2. Unique designed optical structure and cooling device to ensure the high efficient and reliable performance.
3. Easily and safety maintenance; Superior life over other lamp sources
4. Suitable for the road: the width within 20M, 4 lanes.
LED (5 Years Warranty)
Street Lighting Applications (IP65) (135W)

OLE NBDD-LED-07 (180W)
* Body: Pressure die-casting aluminium.
* Reflector: Anodized and sealed single piece high purity aluminium plate.
* Lens: High transparent 5mm toughened glass and optical grade PMMA
* IP: Optical compartment IP65
* Insulation: Class I
* Manufactured according to EN 60598-1:2003, EN 61347-2-13.
* Ambient operating temperature: -30°C +50°C
* Input: 90-260V 50/60HZ
* Weight: 15.6Kgs.
* Power Supply Driver 3 years warranty

Feature:
1. Use the imported high power LED source 1W or 5W module, efficient performance ≥ 120 lumens/watt, wide color temperature range (2600K-6200K), CR ≥ 70
2. Unique designed optical structure and cooling device to ensure the high efficient and reliable performance.
3. Easily and safety maintenance; Superior life over other lamp sources
4. Recommended applications: Minor roads, one way road
LED (5 Years Warranty)
Street Lighting Applications (IP65) (80W)

OLE NBDD-LED-02 (80W)

- Body: Pressure die-casting aluminium.
- Reflector: Anodized and sealed single piece high purity aluminium plate.
- Lens: High transparent 5mm toughened glass and optical grade PMMA
- IP: Optical compartment IP65
- Insulation: Class I
- Manufactured according to EN 60598-1:2003, EN 61347-2-13.
- Ambient operating temperature: -30°C - +50°C
- Input: 90-260V 50/60HZ
- Weight: 11.3Kgs.
- Power Supply Driver 3 years warranty

Feature:
1. Use the imported high power LED source 1W or 5W module, efficient performance ≥ 120 lumens/watt, wide color temperature range (2600K-6200K), CRi ≥ 70
2. Unique designed optical structure and cooling device to ensure the high efficient and reliable performance.
3. Easily and safety maintenance; Superior life over other lamp sources
4. Suitable for the road: the width within 16M.
LED (5 Years Warranty)
Street Lighting Applications (IP65) (80W)

OLE NBT-LED-32 (80W)
* Body: Pressure die-casting aluminium with sand casting mounting bracket.
* Reflector: Anodized and sealed single piece high purity aluminium plate.
* Lens: High transparent 5mm toughened glass and optical grade PMMA
* IP: Optical compartment IP65
* Insulation: Class I
* Manufactured according to EN 60598-1:2003, EN 61347-2-13.
* Ambient operating temperature: -30°C - +50°C
* Input: 90-260V 50/60HZ
* Weight: 13.8Kgs (for lateral type), 12.8 Kgs (for adjustable bracket type).
* Power Supply Driver 3 years warranty

Feature:
1. Use the imported high power LED source 1W or 5W module, efficient performance ≥ 120 lumens/watt, wide color temperature range (2600K-6200K), CRI ≥ 70
2. Unique designed optical structure and cooling device to ensure the high efficient and reliable performance.
3. Easily and safety maintenance, Superior life over other lamp sources,
4. No light pollution. No dark belt and shadow due to mounting bracket or lighting pole.
LED (5 Years Warranty)
Street Lighting Applications (IP65) (20W/30W)

OLE NBT-LED-99 (20W/30W)
- Body: Pressure die-casting aluminium
- Reflector: Anodized and sealed single piece high purity aluminium plate.
- Lens: High transparent PMMA
- IP: Optical compartment IP65
- Insulation: Class I
- Manufactured according to EN 60598-1:2003, EN 61347-2-13.
- Ambient operating temperature: -30°C - +50°C
- Input: 90-260V 50/60HZ
- Weight: 12.6Kgs
- Power Supply Driver 3 years warranty

Feature:
1. Use the imported high power LED source 1W module, efficient performance ≥ 120 lumens/watt, wide color temperature range (2600K-6200K), CRI ≥ 70
2. LED light radiation angle accurately controlled, no upward light pollution, improve the luminous flux utilization factor.
3. The irradiation radius can be 10M.
4. Easily and safety maintenance, Superior life over other lamp sources.
OLE NBT-LED-998 (20W/30W)

* Body: Pressure die-casting aluminium.
* Reflector: Anodized and sealed single piece high purity aluminium plate.
* Lens: High transparent PMMA
* IP: Optical compartment IP65
* Insulation: Class I
* Manufactured according to EN 60598-1:2003, EN 61347-2-13.
* Ambient operating temperature: -30°C - +50°C
* Input: 90-260V 50/60HZ
* Weight: 12.6Kgs.
* Power Supply Driver 3 years warranty

Feature:
1. Use the imported high power LED source 1W module, efficient performance ≥ 120 lumens/watt, wide color temperature range (2600K-6200K), CRI > 70
2. LED Light radiation angle accurately controlled, no upward light pollution, improve the luminous flux utilization factor.
3. The irradiation radius can be 10M.
4. Easily and safety maintenance, Superior life over other lamp sources.
**OLE NTG-LED-01 (60W/80W/100W/120W)**

- Body: Pressure die-casting aluminium.
- Reflector: Anodized single piece high purity aluminium plate.
- Lens: High transparent 5mm toughened glass.
- Mounting bracket: High strength, galvanized steel.
- IP: Optical compartment IP65
- Insulation: Class I
- Manufactured according to EN 60598-1:2003, EN61347-2-13.
- Ambient operating temperature: -30°C to +50°C
- Input: 90-260V 50/60Hz
- Weight: OLE NTG-LED-01(60W)(10Kgs), OLE NTG-LED-01(80W)(10.2Kgs), OLE NTG-LED-01(100W)(10.4Kgs) & OLE NTG-LED-01(120W)(10.6Kgs)
- Power Supply Driver 3 years warranty

**Feature:**

1. Use the imported high power LED source 1W or 5W module, efficient performance ≥ 120 lumens/watt, wide color temperature range (2600K-6200K), CRI ≥ 70; The LED lifetime can be 10 years, without maintenance, suitable for wretched working environment.
2. LED light radiation angle accurately controlled with patented secondary optical design technology, no light pollution, improve the luminous flux utilization factor.
3. Centre longitudinal mounting to illuminate the 2-3 lanes. Suitable for tunnel and viaduct illumination.
5. With high strength, galvanized steel flood lighting mounting bracket, this lighting can be used as flood lighting. Suitable for beamed illumination.
OLE NTG-LED-32/35/36/38 (150W/200W/250W/300W)

- Body: Pressure die-casting aluminium, high quality extruded aluminium profile.
- Lens: High transparent 5mm toughened glass and optical grade PMMA
- IP: Optical compartment IP65
- Insulation: Class II.
- Manufactured according to EN 60598-1:2003, EN61347-2-13.
- Ambient operating temperature: -30°C - +50°C
- Input: 90-260V 50/60Hz
- Power Supply Driver 3 years warranty

Feature:
1. Use the imported high power LED source 1W module, efficient performance ≥ 120 lumens/watt, wide color temperature range (2600K-6200K), CRI ≥ 70; The fitting efficient performance ≥95 lumens/watt.
2. Unique designed optical structure and cooling device to ensure the high efficient and reliable performance.
3. Easily and safety maintenance; Superior life over other lamp sources;
**OLE NBS-LED-09 (60W/80W/100W/120W)**

- **Body**: Pressure die-casting aluminium, high quality extruded aluminium profile.
- **Lens**: High transparent 5mm toughened glass and optical grade PMMA.
- **Mounting bracket**: High strength, galvanized steel.
- **IP**: Optical compartment IP65.
- **Insulation**: Class I.
- **Manufactured according to**: EN 60598-1:2003, EN61347-2-13.
- **Ambient operating temperature**: -30°C ~ +50°C
- **Input**: 90-260V 50/60HZ.
- **Weight**: OLE NBS-LED-09(60W)(9.5Kgs), OLE NBS-LED-09(80W)(9.7Kgs), OLE NBS-LED-09(100W)(9.9Kgs) & OLE NBS-LED-09(120W)(10Kgs).
- **Power Supply Driver 3 years warranty**

**Feature:**

1. Use the imported high power LED source 1W module, efficient performance > 120 lumens/watt, wide color temperature range (2600K-6200K), CRI ≥ 70; The fitting efficient performance >95 lumens/watt.
2. Unique designed optical structure and cooling device to ensure the high efficient and reliable performance.
3. Easily and safety maintenance, Superior life over other lamp sources.
LED
LED Flood Lighting Applications (IP65)

**OLE-WSL-011**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Input (V)</th>
<th>Power (W)</th>
<th>Luminous flux (lm)</th>
<th>Color Temperature (K)</th>
<th>Lux/Distance (L/m)</th>
<th>Scope (L/m)</th>
<th>Color rendering property (Ra)</th>
<th>Protection (IP)</th>
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</thead>
<tbody>
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<td>OLE-WSL-011</td>
<td>5x1W LED</td>
<td>75W</td>
<td>4250</td>
<td>2700-6400</td>
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<td>6</td>
<td>70-80</td>
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**OLE A0053**

- RGB color changing
- CE ☑ ☑ ☑ IP 65

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<th>Voltage input</th>
<th>Heat Dissipation</th>
<th>Weight</th>
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<td>Red+Green LED, 30x1W</td>
<td>100°-240VAC</td>
<td>Heat sink</td>
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**OLE A0093**

- AWB color changing
- CE ☑ ☑ ☑ IP 65

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Light Source</th>
<th>Voltage input</th>
<th>Heat Dissipation</th>
<th>Weight</th>
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<tr>
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<td>Amber+White+Blue LED, 36x1W</td>
<td>100°-240VAC</td>
<td>Heat sink</td>
<td>11.3kg</td>
</tr>
</tbody>
</table>

**248 LED WedgePar**

- h: distance from wall
- E: Illuminance
- D: Facular diameter

**345 LED WedgePar**

- h: distance from wall
- E: Illuminance
- D: Facular diameter
OLE NGC-LED-01  CREE LED

- Body: Pressure die-casting aluminium.
- Lens: High transparent 5mm toughened glass and grade PMMA
- IP: Optical compartment IP65
- Insulation: Class I
- Manufactured according to EN 60598-1:2003, EN61347-2-13.
  Ambient operating temperature: -30°C - +50°C
- Input: 90-260V 50/60HZ
- Weight: OLE NGC-LED-01(100W)(17Kgs), OLE NGC-LED-01(120W) (17Kgs) &
  OLE NGC-LED-01(150W)(17Kgs)
- Power Supply Driver 3 years warranty
LED (3 Years Warranty)
Low Bay Applications (IP66) (54W, 63W, 72W, 81W, 90W)

OSRAM LED Module Circuit Temperature Control Feature
The product operates under extreme operation conditions. Built-in electronic circuit monitors the PCB temperature continuously and vary the current load accordingly. If the PCB temperature rises, the current is automatically reduced to avoid the overheating process that affecting LED junction temperature. This feature allows the lighting fixtures operate under extreme environment conditions.

<table>
<thead>
<tr>
<th>Spec</th>
<th>54</th>
<th>63</th>
<th>72</th>
<th>81</th>
<th>90</th>
<th>Total</th>
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<tbody>
<tr>
<td>No of LEDs</td>
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<td>63</td>
<td>72</td>
<td>81</td>
<td>90</td>
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<td>72</td>
<td>81</td>
<td>90</td>
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<td>Power to System (W)</td>
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<td>50</td>
<td>57</td>
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<td>3240</td>
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<td>Luminous Flux in (Lumen)</td>
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<td>67</td>
<td>74</td>
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<td>Fwd current at 220mA (low mode)</td>
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<td>44</td>
<td>50</td>
<td>57</td>
<td>63</td>
<td>3240</td>
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<tr>
<td>Power to System (W)</td>
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<td>83</td>
<td>91</td>
<td>104</td>
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<tr>
<td>Luminous Flux in (Lumen)</td>
<td>81</td>
<td>95</td>
<td>91</td>
<td>107</td>
<td>119</td>
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<td>Fwd current at 350mA (medium mode)</td>
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<td>83</td>
<td>91</td>
<td>107</td>
<td>119</td>
<td>7170</td>
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<tr>
<td>Power to System (W)</td>
<td>60</td>
<td>71</td>
<td>71</td>
<td>81</td>
<td>91</td>
<td>5444</td>
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<tr>
<td>Luminous Flux in (Lumen)</td>
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<td>71</td>
<td>81</td>
<td>91</td>
<td>5444</td>
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<tr>
<td>Fwd current at 500mA (high mode)</td>
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<td>71</td>
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<tr>
<td>Power to System (W)</td>
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<td>5940</td>
</tr>
<tr>
<td>Luminous Flux in (Lumen)</td>
<td>85</td>
<td>100</td>
<td>99</td>
<td>113</td>
<td>127</td>
<td>5940</td>
</tr>
<tr>
<td>Data on the above chart is based on ambient operating temperature of 25°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

LED Low Bay OLE 500
LED (3 Years Warranty)
LED High Bay Fixture Applications (IP40) (120W)

OLE 90604

Light Source : 80 - 120x1W White LEDs
Qty. of LEDs : 80 - 120
Beam Angle : 86°
Input Voltage : 100-240V AC
Operating Current : 960mA
Color Temperature : 5000K (±500k)
Luminous Flux (Im) : 5418 lm
Power Consumption (W) : 96W
P.F. : >0.95
Operating Temperature : -30°C - +40°C

LED High Bay Fixture
LED (3 Years Warranty)
LED I-Panel Applications (24W, 48W)

Commercial Lighting Series

Hong Kong Sanatorium & Hospital

Obstetrics & Gynaecology Centre

I.V.F. Centre
LED I-Panel Applications (24W, 48W)

Neo-Neon I-Panel is a revolutionary white LED based product designed by Neo-Neon for both commercial and household applications. I-Panel is designed to directly fit in standard drop ceilings, installed into recessed cut ins, surface mounted, or hung. I-Panel can also be applied to walls as additional light sources and decorative illumination.

I-Panel is being used and accepted as a modern replacement for standard fluorescent tube fixtures by professional designer and architects around the world.

The reasons for this are that I-Panel lasts 10 to 20 times longer than fluorescent tubes, consumes significantly less power, provides smooth consistent white light, and is not toxic to the environment.

By eliminating the need for tube replacement as with fluorescent fixtures, I-Panel saves you time and money.

Due to the design of the LED I-Panel, the light produced emits evenly across the entire panel surface to provide balanced illumination without glare. This can reduce eye strain and associated problems of eye fatigue.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>600x600 Panel Lamp</th>
<th>600x600 Grille Lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Light Source</td>
<td>1W High Power LED/56pcs</td>
<td>PHILIPS 14W T5 Tube/3pcs</td>
</tr>
<tr>
<td>Single Light Source’s Luminous Flux</td>
<td>70 lm</td>
<td>1260 lm</td>
</tr>
<tr>
<td>Whole Light Fixture’s Luminous Flux</td>
<td>2240 lm</td>
<td>1778 lm</td>
</tr>
<tr>
<td>Illumination under the Light 1.5M</td>
<td>380°-430 Lux</td>
<td>310°-320 Lux</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>6.7W</td>
<td>42W</td>
</tr>
<tr>
<td>Beam angle</td>
<td>95°</td>
<td>80°-85°</td>
</tr>
<tr>
<td>Lifespan</td>
<td>50,000 Hours</td>
<td>15,000-20,000 Hours</td>
</tr>
<tr>
<td>Environment Protecting Capability</td>
<td>Mercury free</td>
<td>Mercury Content</td>
</tr>
</tbody>
</table>

Remote Control

I-Panel with its state of the art white LED technology is unlike conventional fluorescent illumination in that it is dimmable. I-Panel installs into existing and standard electrical system and can be dimmed via conventional AC dimmers. I-Panel Remote is an optional IP remote control that enables wireless dimming within a range of 10 meters from the fixture. Select 10 levels of light comfort with the I-Panel remote.

* Control Distance: 10 meters
* Data Interface: Infrared
* Power: 2 x 1.5V AAA DC Batteries
* Carrier Wave Frequency: 38Hz
* Dimensions: 130X44.5X5X20mm
**LED LED I-Panel Applications (24W, 48W)**

**OLE-WSL-011**

- **Light Source**: White LED, 56x1W
- **Power Consumption**: 67W
- **Voltage Input**: 100~240V/AC
- **Luminous Flux**: 2240lm
- **CT**: 6000K
- **Warm white**: 3000K~4000K
- **Pure white**: 5500K~7500K
- **Cold white**: 8000K~10000K

**OLE K0033**

- **Light Source**: White LED, 24x1W
- **Power Consumption**: 29W
- **Voltage Input**: 100~240V/AC
- **Luminous Flux**: 960lm
- **CT**: 6000K
- **Warm white**: 3000K~4000K
- **Pure white**: 5500K~7500K
- **Cold white**: 8000K~10000K

**OLE K0104**

- **Light Source**: LED, 56x3W
- **Power Consumption**: 67W
- **Voltage Input**: 100~240V/AC
- **Luminous Flux**: 2240lm
- **CT**: 6000K
- **Warm white**: 3000K~4000K
- **Pure white**: 5500K~7500K
- **Cold white**: 8000K~10000K

**OLE K0114**

- **Light Source**: LED, 48x3W
- **Power Consumption**: 58W
- **Voltage Input**: 100~240V/AC
- **Luminous Flux**: 2340lm
- **CT**: 6000K
- **Warm white**: 3000K~4000K
- **Pure white**: 5500K~7500K
- **Cold white**: 8000K~10000K

**LED Lighting Series**

- **600*600 High Power LED I-Panel**
  - **Luminous Flux**: 1200cd
  - **CT**: 6000K
  - **Color Temperature**: 3000K~4000K
  - **Pure white**: 5500K~7500K
  - **Cold white**: 8000K~10000K

- **300*1200 High Power LED I-Panel**
  - **Luminous Flux**: 1200cd
  - **CT**: 6000K
  - **Color Temperature**: 3000K~4000K
  - **Pure white**: 5500K~7500K
  - **Cold white**: 8000K~10000K

- **300 High Power LED I-Panel**
  - **Luminous Flux**: 1200cd
  - **CT**: 6000K
  - **Color Temperature**: 3000K~4000K
  - **Pure white**: 5500K~7500K
  - **Cold white**: 8000K~10000K

- **1200 High Power LED I-Panel**
  - **Luminous Flux**: 1200cd
  - **CT**: 6000K
  - **Color Temperature**: 3000K~4000K
  - **Pure white**: 5500K~7500K
  - **Cold white**: 8000K~10000K
15 LED Recessed Downlight

- **Light Source**: LED, 15x1W
- **Beam Angle**: 15° / 30° / 45° / 60°
- **Lumen**: 1500
- **Material**: Aluminium
- **Operating Current**: 350mA
- **Input Voltage**: 100~240V
- **Warm white**: 3000K~4000K
- **Pure white**: 5500K~7500K
- **Cold white**: 8000K~10000K
## LED Ceiling Light Applications

### OLE SMR-TH-032 (High power)
- **Beam Angle:** 30° / 45° / 60°
- **Specifications**
<table>
<thead>
<tr>
<th>Model Number</th>
<th>Working Voltage</th>
<th>Light Color</th>
<th>Lamp Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLE SMR-TH-032</td>
<td>DC24V/AC110-230V</td>
<td>R/G/B/W/Y/7colors</td>
<td>9 x 1W</td>
</tr>
</tbody>
</table>

### OLE SMR-TH-033 (High power)
- **Beam Angle:** 30° / 45° / 60°
- **Specifications**
<table>
<thead>
<tr>
<th>Model Number</th>
<th>Working Voltage</th>
<th>Light Color</th>
<th>Lamp Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLE SMR-TH-033</td>
<td>DC24V/AC110-230V</td>
<td>R/G/B/W/Y/7colors</td>
<td>12 x 1W</td>
</tr>
</tbody>
</table>

### OLE SMR-TH-034 (High power)
- **Beam Angle:** 30° / 45° / 60°
- **Specifications**
<table>
<thead>
<tr>
<th>Model Number</th>
<th>Working Voltage</th>
<th>Light Color</th>
<th>Lamp Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLE SMR-TH-034</td>
<td>DC24V/AC110-230V</td>
<td>R/G/B/W/Y/7colors</td>
<td>15 x 1W</td>
</tr>
</tbody>
</table>

### OLE SMR-TH-035 (High power)
- **Beam Angle:** 30° / 45° / 60°
- **Specifications**
<table>
<thead>
<tr>
<th>Model Number</th>
<th>Working Voltage</th>
<th>Light Color</th>
<th>Lamp Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLE SMR-TH-035</td>
<td>DC24V/AC110-230V</td>
<td>R/G/B/W/Y/7colors</td>
<td>18 x 1W</td>
</tr>
</tbody>
</table>

### OLE SMR-TH-036 (High power)
- **Beam Angle:** 30° / 45° / 60°
- **Specifications**
<table>
<thead>
<tr>
<th>Model Number</th>
<th>Working Voltage</th>
<th>Light Color</th>
<th>Lamp Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLE SMR-TH-036</td>
<td>DC24V/AC110-230V</td>
<td>R/G/B/W/Y/7colors</td>
<td>20 x 1W</td>
</tr>
</tbody>
</table>
LED (3 Years Warranty)
LED Cabinet Light application

Feature:
1. High Brightness SMT LED.
2. Long life span up to 50,000hrs.
3. Environment Friendly, RoHS Compliance

Hawkey (Dia 31mm x 32.5mm(H))
Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>HLR1-CW</th>
<th>HLR1-NW</th>
<th>HLR1-WW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Cool White</td>
<td>Neutral White</td>
<td>Warm White</td>
</tr>
<tr>
<td>Voltage (typ.)</td>
<td>3.0-4.0 Vdc</td>
<td>3.0-4.0 Vdc</td>
<td>3.0-4.0 Vdc</td>
</tr>
<tr>
<td>Current (max.)</td>
<td>700 mA</td>
<td>700 mA</td>
<td>700 mA</td>
</tr>
<tr>
<td>Power (typ.)</td>
<td>2.8 W</td>
<td>2.8 W</td>
<td>2.8 W</td>
</tr>
<tr>
<td>Number of LEDs</td>
<td>1 pcs</td>
<td>1 pcs</td>
<td>1 pcs</td>
</tr>
<tr>
<td>Wavelength (typ.)</td>
<td>6500K</td>
<td>4000K</td>
<td>3500K</td>
</tr>
<tr>
<td>Brightness (typ.)</td>
<td>160 lm</td>
<td>160 lm</td>
<td>95 lm</td>
</tr>
<tr>
<td>Beam angle</td>
<td>50°</td>
<td>50°</td>
<td>50°</td>
</tr>
</tbody>
</table>

Coin Light (Dia 64mm x 15.5mm(H))
Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>CR45-3-SW</th>
<th>CR45-3-SF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Cool White</td>
<td>Warm White</td>
</tr>
<tr>
<td>Voltage (typ.)</td>
<td>12 Vdc</td>
<td>12 Vdc</td>
</tr>
<tr>
<td>Current (max.)</td>
<td>150 mA</td>
<td>150 mA</td>
</tr>
<tr>
<td>Power (typ.)</td>
<td>1.8 W</td>
<td>1.8 W</td>
</tr>
<tr>
<td>Number of LEDs</td>
<td>3 pcs</td>
<td>3 pcs</td>
</tr>
<tr>
<td>Wavelength (typ.)</td>
<td>6500K</td>
<td>3500K</td>
</tr>
<tr>
<td>Brightness (typ.)</td>
<td>75 lm</td>
<td>60 lm</td>
</tr>
<tr>
<td>Beam angle</td>
<td>120°</td>
<td>120°</td>
</tr>
</tbody>
</table>

Size | Dia 31mm x 32.5mm(H) |
Weight | 45 grams |
Casing Material | Aluminium |
Operating Temp. | -30 ~ 50° C |
Hole Opening | Dia 29 ~ 30mm |

Size | Dia 64mm x 15.5mm(H) |
Weight | 65 grams |
Casing Material | Aluminium |
Operating Temp. | -30 ~ 50° C |
Hole Opening | Dia 54 ~ 58mm |
LED Ceiling Light Applications (IP21)

**LUXPOINT™ MINI 2" LED**
- Body: Pressure die-casting aluminium.
- Beam angle: 30° & 60°
- IP: Optical compartment IP21
- Ambient operating temperature: -30°C - +50°C
- Input: 120-240V

**Specifications**

<table>
<thead>
<tr>
<th>Product (3000K/4000K)</th>
<th>Beam Angle</th>
<th>cd</th>
<th>Life Time L70</th>
<th>Power (W)</th>
<th>Input V/I</th>
</tr>
</thead>
<tbody>
<tr>
<td>LUXPOINT MINI 30°</td>
<td>30°</td>
<td>2450 cd</td>
<td>30000</td>
<td>15</td>
<td>700mA</td>
</tr>
<tr>
<td>LUXPOINT MINI 60°</td>
<td>60°</td>
<td>640 cd</td>
<td>30000</td>
<td>15</td>
<td>700mA</td>
</tr>
<tr>
<td>Decostar 44870WVF</td>
<td>38°</td>
<td>1640 cd</td>
<td>200</td>
<td>50</td>
<td>12VAC</td>
</tr>
<tr>
<td>Decostar 42870WVF</td>
<td>68°</td>
<td>590 cd</td>
<td>200</td>
<td>50</td>
<td>12VAC</td>
</tr>
</tbody>
</table>
LED Ceiling Light Applications (IP21)

LUXPOINT™ MIDI 6” LED
- Body: Pressure die-casting aluminium.
- Lens: Anti-glare diffuser uniform light distribution
- IP: Optical compartment IP21
- Ambient operating temperature: -30°C - +50°C
- Input: 120-240V

Specifications

<table>
<thead>
<tr>
<th>Product (3000K/4000K)</th>
<th>Beam Angle</th>
<th>Lumen</th>
<th>Life Time L70</th>
<th>Power [W]</th>
</tr>
</thead>
<tbody>
<tr>
<td>LUXPOINT MID W6F-630-L8O</td>
<td>80°</td>
<td>750</td>
<td>35000</td>
<td>20</td>
</tr>
<tr>
<td>DJULUX Downlight Cover type</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2XOulux D 18W) 3000K</td>
<td>68°</td>
<td>900</td>
<td>10000</td>
<td>36</td>
</tr>
<tr>
<td>LUXPOINT MID W6F-840-L8O</td>
<td>80°</td>
<td>800</td>
<td>35000</td>
<td>20</td>
</tr>
<tr>
<td>DJULUX Downlight Cover type</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2XOulux D 18W) 4000K</td>
<td>68°</td>
<td>800</td>
<td>10000</td>
<td>36</td>
</tr>
</tbody>
</table>

LUXPOINT MIDI take less power, but it provides the same illuminance level (Lux) than the traditional 2x18W CFL downlight.

LUXPOINT MIDI - Lux Comparison

<table>
<thead>
<tr>
<th>9 Luminaires</th>
<th>E_av</th>
<th>E_max</th>
<th>U_e</th>
</tr>
</thead>
<tbody>
<tr>
<td>LUXPOINT MIDI</td>
<td>151</td>
<td>179</td>
<td>0.7</td>
</tr>
<tr>
<td>2X18W CFL downlight (w/glass cover)</td>
<td>153</td>
<td>180</td>
<td>0.69</td>
</tr>
</tbody>
</table>
LED
Custom Outdoor LED Strip Applications

Material and characteristic
- Material: Aluminium alloy housing and clear Raisin cover
- Color: Red, yellow, green, white
- Power for 1PC LED: 1W/350mA / 42V
- Lens: 15° / 45° / 60° / 120°
- IP grade: IP68
- Working environment temperature: -25°C~50°C
- Effects: Steady color / RGB
- Lifetime: 50000hrs

Specifications

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Custom Outdoor LED Strip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>DC12</td>
</tr>
<tr>
<td>Power</td>
<td>0.6W / 1.1W / 1.4W / 3.8W</td>
</tr>
<tr>
<td>Color</td>
<td>Single Color/ Full color</td>
</tr>
<tr>
<td>Control/Power Supply</td>
<td>Constant Power Supply / DMX512Protocol</td>
</tr>
<tr>
<td></td>
<td>240V / 12V / 24V</td>
</tr>
</tbody>
</table>

OLE LED Strip
LED

LED Vivid Wash

Specifications

<table>
<thead>
<tr>
<th>Item No.</th>
<th>LW-320x130-WP-UB-240V-4W-3L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing</td>
<td>Aluminium alloy</td>
</tr>
<tr>
<td>Light Source</td>
<td>12LED 1W red</td>
</tr>
<tr>
<td></td>
<td>12LED 1W green</td>
</tr>
<tr>
<td></td>
<td>12LED 1W blue</td>
</tr>
<tr>
<td>Rating voltage</td>
<td>AC90-264V</td>
</tr>
<tr>
<td>Rating power</td>
<td>36Watts</td>
</tr>
<tr>
<td>Weight</td>
<td>3.9kg</td>
</tr>
<tr>
<td>Control available</td>
<td>DMX512 console</td>
</tr>
<tr>
<td>Lighting projection</td>
<td>20 meter</td>
</tr>
<tr>
<td>distance</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-20°C ~ +40°C</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP65</td>
</tr>
</tbody>
</table>

LED Vivid Wash
LED
LED Buried Light Applications

1st Avenue, Penang

Specifications
Model | OLE YG-404S
Size | Ø 4.5 x 10cm
Wattage | 3 / 5W

Specifications
Model | OLE LG-100-24V-M
Size | Ø 15.9 x 10cm
Wattage | 2.88W

Specifications
Model | OLE 53022-85
Size | Ø 8.5 x 9cm
Wattage | 3 / 5W

Specifications
Model | OLE DS20022-150
Size | Ø 15 x 10cm
Wattage | 3 / 5 / 10W

Specifications
Model | OLE 52036-120
Size | Ø 12 x 7cm
Wattage | 3W

Specifications
Model | OLE 4212
Size | 4.5 x 3.5cm
Wattage | 3W

Specifications
Application | Indoor and outdoor areas, garden, landscape, fountain and pool areas, and others
Surface Cover | Polished stainless steel
Material | Polished stainless steel / die cast aluminium
Diffuser | 8-10mm toughened glass
IP Standard | IP68
Functions | Various color compounding-form as single color (red,yellow,green, blue and white) and double color
LED | Nexus / Oiram
Warranty | 3 years
### LED Stone Light Applications

**OLE W 55**
1W LED
1W (3000-6000k)
Polymersin
Operating temperature: -20°C - +70°C

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Material</th>
<th>Wattage</th>
<th>Protection IP</th>
<th>Color</th>
<th>Avg Lifespan(h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLE W 55</td>
<td>Polymersin</td>
<td>1W</td>
<td>67</td>
<td>R, G, B, Y</td>
<td>50000</td>
</tr>
</tbody>
</table>

**OLE W 75**
1W LED
1W (3000-6000k)
Polymersin
Operating temperature: -20°C - +70°C

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Material</th>
<th>Wattage</th>
<th>Protection IP</th>
<th>Color</th>
<th>Avg Lifespan(h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLE W 75</td>
<td>Polymersin</td>
<td>1W</td>
<td>67</td>
<td>R, G, B, Y</td>
<td>50000</td>
</tr>
</tbody>
</table>

**OLE SL 67**
1W LED
1W (3000-6000k)
Polymersin
Operating temperature: -20°C - +70°C

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Material</th>
<th>Wattage</th>
<th>Protection IP</th>
<th>Color</th>
<th>Avg Lifespan(h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLE SL 67</td>
<td>Polymersin</td>
<td>1W</td>
<td>67</td>
<td>R, G, B, Y</td>
<td>50000</td>
</tr>
</tbody>
</table>

**OLE SLP 95**
2W LED
2W (3000-6000k)
Polymersin
Operating temperature: -20°C - +70°C

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Material</th>
<th>Wattage</th>
<th>Protection IP</th>
<th>Color</th>
<th>Avg Lifespan(h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLE SLP 95</td>
<td>Polymersin</td>
<td>2W</td>
<td>67</td>
<td>R, G, B, Y</td>
<td>50000</td>
</tr>
</tbody>
</table>

**OLE W 201**
2W LED
1W (3000-6000k)
Polymersin
Operating temperature: -20°C - +70°C

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Material</th>
<th>Wattage</th>
<th>Protection IP</th>
<th>Color</th>
<th>Avg Lifespan(h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLE W 201</td>
<td>Polymersin</td>
<td>2W</td>
<td>67</td>
<td>R, G, B, Y</td>
<td>50000</td>
</tr>
</tbody>
</table>
Moonlight Globe Lights are shatterproof spheres from 300mm to 600mm in diameter that create an elegant ambience for interiors and landscapes.

Designed to stand up to commercial applications, Moonlight Globe Lights are also perfectly suited for applications using standard 120v power.

Moonlight’s versatile product line can accommodate every use you can imagine:
- Floating for use in a lake, pool or fountain
- Security and landscape lighting
- Portable as an indoor/outdoor lamp
- Suspended from a ceiling, tree top or roof eaves as a pendant light with or without sound
- Speaker Globes for indoor/outdoor light & sound in one unit
- Cordless battery operated for large scale events where hard wired power is impractical.

Moonlight Floating Globes are one of the most memorable products in our line. A completely spherical light that’s weighted to remain upright with electrical components safely sealed in an internal, watertight compartment. Operates by remote control. This globe will draw a crowd and create a memorable impact.
LED Moonlight

Moonlight Filter Color Chart
all colors are approximate

- 320 Dark Blue
- 420 Dark Green
- 611 Dark Orange
- 210 Medium Red
- 660 Light Topaz
- 310 Medium Blue
- 410 Medium Green
- 610 Light Orange
- 200 Light Red
- 120 Dark Yellow
- 300 Light Blue
- 400 Light Green
- 631 Dark Pink
- 621 Dark Rose
- 110 Medium Yellow
- 650 Dark Violet
- 641 Dark Turquoise
- 630 Light Pink
- 620 Light Rose
- 100 Light Yellow
- 651 Light Violet
- 640 Light Turquoise
- 220 Dark Red
- 661 Dark Topaz
- 010 White

Moonlight® CFL Bulbs are made to fit with Moonlight’s Filter System to provide a gorgeous, energy efficient light. AC and DC bulbs are available.

Place the filter ring over the bulb socket, screw in the CFI bulb then slide the filter over the bulb and twist-lock into place. Filters are quick and easy to change and can turn your standard white globe to any of 24 different colors when illuminated.

Moonlight Daylight Globe & Stone Globe Colors
all colors are approximate

- Light Granite
- Daylight Red
- Sandstone
- Daylight Red
- Daylight Red
- Daylight Yellow
- Terra-cotta
- Daylight Stone (assorted colors available)
- Daylight Green
- NeverDark® Yellow Glow in the Dark
# LED Fountain Lamp Applications

## Specifications

**Dia 119mm**
- **Item No.**: Fountain Lamp
- **Voltage**: DC12
- **Power**: 3W / 6W
- **Color**: Single Color/Full color
- **LED Qty.**: 3 / 6pcs (RGB)
- **Control/Power Supply**: Constant Power Supply / DMX512 Protocol

## Diagram

![Dia 119mm Diagram](image)

**Dia 74mm**
- **Item No.**: Fountain Lamp
- **Voltage**: DC12
- **Power**: 3W / 6W
- **Color**: Single Color/Full color
- **LED Qty.**: 3 / 6pcs (RGB)
- **Control/Power Supply**: Constant Power Supply / DMX512 Protocol

## Diagram

![Dia 74mm Diagram](image)

**Dia 168mm**
- **Item No.**: Fountain Lamp
- **Material**: Aluminium
- **Dimension**: Ø 168 x 68mm
- **Light Source**: 12pcs x 3W
- **Lighting Angle**: 25°
- **Color**: RGB
- **LED Power**: 12W
- **LED Chip**: EDISON LED
- **Input Voltage**: DC24V
- **Control Mode**: Internal Control AC Synchronous

## Diagram

![Dia 168mm Diagram](image)

**Dia 152mm**
- **Item No.**: Fountain Lamp
- **Material**: Aluminium
- **Dimension**: Ø 152 x 78mm
- **Light Source**: 12pcs x 3W
- **Lighting Angle**: 25°
- **Color**: RGB
- **LED Power**: 12W
- **LED Chip**: EDISON LED
- **Input Voltage**: DC24V
- **Control Mode**: Power Switch Control (Monochromy)

## Diagram

![Dia 152mm Diagram](image)
LED Facade Light Applications

OLE PAR30 LED 7W
OLE PAR30 LED 7W
OLE PAR38 LED 18W
(RGB/R/Y/B,G,W)

Specifications
Model: OLE Dia 195
Material: Stainless Steel (304) Stretching
Dimension: Ø 195 x 180mm
Light Source: 18pcs x 1W
Lighting Angle: 25°
Color: RGB
LED Power: 18W
LED Chip: Edison LED
Input Voltage: DC24V
Control Mode: Internal Control AC Synchronous

Specifications
Model: OLE Dia 145
Material: Stainless Steel (304) Stretching
Dimension: Ø 145 x 100mm
Light Source: 9pcs x 1W
Lighting Angle: 25°
Color: Red/Green/Yellow/Blue/White
LED Power: 9W
LED Chip: Edison LED
Input Voltage: DC24V
Control Mode: (Homochromy)

Material Body: High quality aluminium alloy body & stainless steel
LED: High brightness LED
Diffuser: Toughened glass
IP Standard: IP54
Application: Landscape areas, fountain and pool areas, garden areas, indoor and outdoor areas.
LED Wall Embedded Light Series are designed to be outdoor ‘in wall’ mounted. The LED Wall Embedded Light Series is part of the WLED “white light LED” family and incorporates High Power 1-3Watt LED’s.

The fixture cover of the LED Wall Embedded Light Series is made of injected Die Cast Aluminium stainless steel and specially strip stain treated which produces an even grain appearance. The treated surface appears elegant, refined, and timeless. The housing is constructed of pure die-cast aluminium which is double powder coated for protection from the elements.

The LED Wall Embedded Light Series are designed for outdoor application for the illumination of exterior walkway, and pathways.

The LED Wall Embedded Light Series are IP65 rated and are manufactured to CE and UL standards.
OLE A13043

**Specification**

* Aluminium die-cast housing and frame, beautifully crafted and durable
* The housing is coated with outdoor used powder, smooth, acid and alkali resistant, aging resistant
* Opal PC diffuser
* Protection class: IP65
* Suitable places: Interior decoration, outdoor corridor, garden

<table>
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<tr>
<th>Model Number</th>
<th>Lamping</th>
<th>Wattage</th>
<th>Color</th>
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<tr>
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<td>LED</td>
<td>3 / SW</td>
<td>RGB R,Y,B,G,W</td>
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</table>

OLE A14043

**Specification**

* Aluminium die-cast housing, beautifully crafted and durable
* Stainless steel front cover, matt finish
* Plastic recessed housing can be included
* The housing is coated with outdoor used powder, smooth, acid and alkali resistant, aging resistant
* Glass diffuser, frosted or clear
* Protection class: IP65
* Suitable places: Interior decoration, outdoor corridor, garden

<table>
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<th>Color</th>
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<td>LED</td>
<td>3 / SW</td>
<td>RGB R,Y,B,G,W</td>
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</table>

OLE A14048S

**Specification**

* Aluminium die-cast housing, beautifully crafted and durable
* Stainless steel front cover, matt finish
* The housing is coated with outdoor used powder, smooth, acid and alkali resistant, aging resistant
* Glass diffuser, frosted or clear
* Seal with silicone rubber gasket
* Protection class: IP65
* Suitable places: Interior decoration, outdoor corridor, garden

<table>
<thead>
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<th>Model Number</th>
<th>Lamping</th>
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<th>Color</th>
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<td>3 / SW</td>
<td>RGB R,Y,B,G,W</td>
</tr>
</tbody>
</table>

OLE A14048L

**Specification**

* Aluminium die-cast housing, beautifully crafted and durable
* Stainless steel front cover, matt finish
* The housing is coated with outdoor used powder, smooth, acid and alkali resistant, aging resistant
* Glass diffuser, frosted or clear
* Seal with silicone rubber gasket
* Protection class: IP65
* Suitable places: Interior decoration, outdoor corridor, garden

<table>
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<tbody>
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