



# Orient LED Conveyor Light

## Technical Specifications

OSCVL-30W

OSCVL-62W

OSCVL-36W

OSCVL-70W

OSCVL-42W



### Designed for

Conveyors, Walkways, Stairwells, Stackers/Reclaimers  
Pedestrian Access Ways, Tunnels



## Product Structure

- High efficiency 165lm/w which means lower power bills.
- Designed to provide the most energy-efficient way of illuminating industrial conveyors and walkways, capable of delivering the required minimum of 40 lux with an average of 80 lux when spaced as far as 15m apart with a typical installation height of 3.0m. Raising the bar of performance and efficiency for industrial conveyor and walkway lighting.
- ADC12 high-density die-cast aluminium housing with robust arc-shaped design which sheds water and dust. The unibody shape is designed to eliminate dust or bugs getting inside the lamp which ensures longer lifespan of the LED Chips. Streamlined profile facilitates self-cleaning with its backward design. The robust casing construction is both lightweight and versatile with the flexibility to fit a range of industrial spigot mounting sizes. Can also fit vertical and horizontal mounting to suit the application.
- It is also available with a solid-state integral emergency module which performs its own constant operational readiness tests, ensuring emergency readiness when ever needed.
- 5 years warranty



**165Lm/W**

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ADC12 high-density die-cast aluminium housing, and robust unibody arc-shaped design which provides waterproofing and also prevents the accumulation of debris. Arc-shaped design will self clean via rain and wind.



Suitable for both Horizontal and Vertical Installations



*Horizontal Mounting*



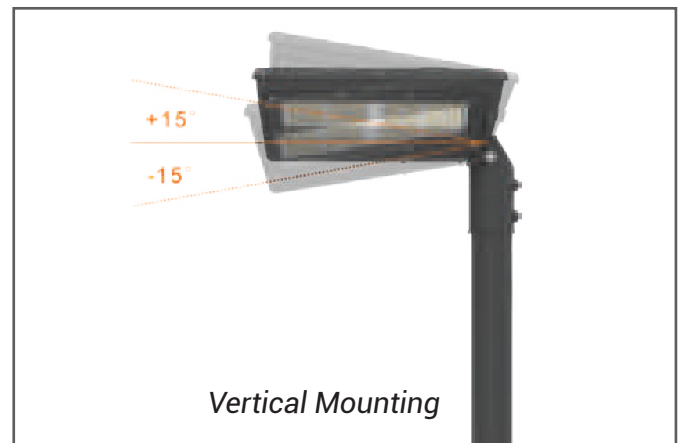
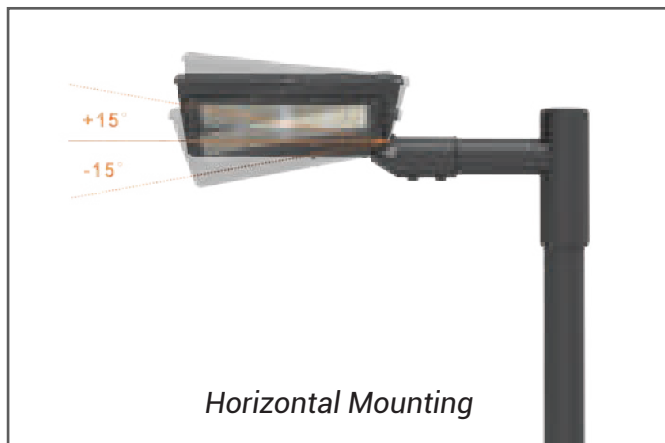
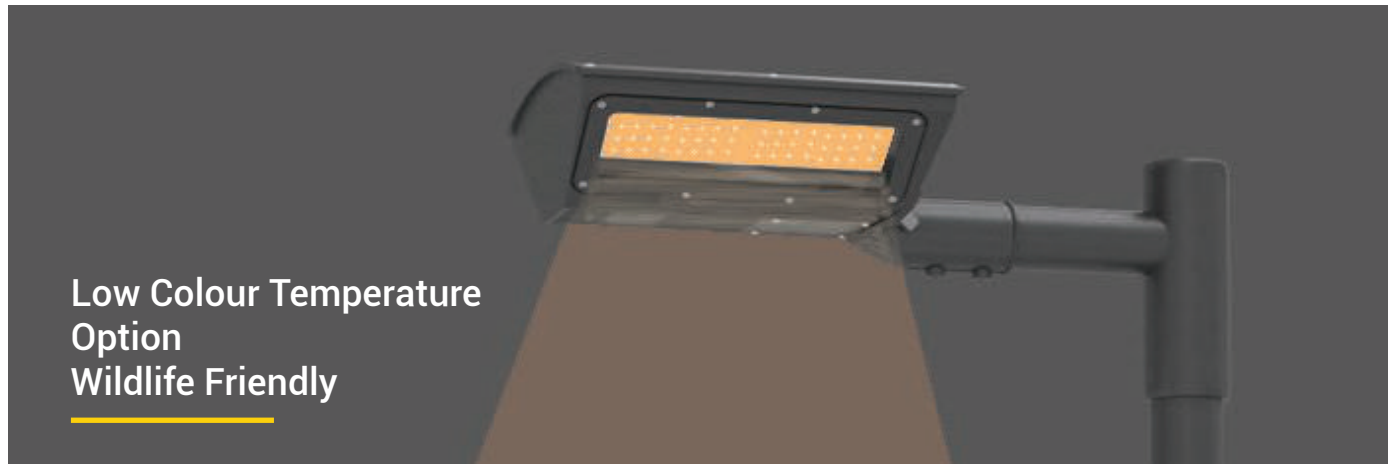
*Vertical Mounting*

30 Degree Angled Body for Optimum Light Spread

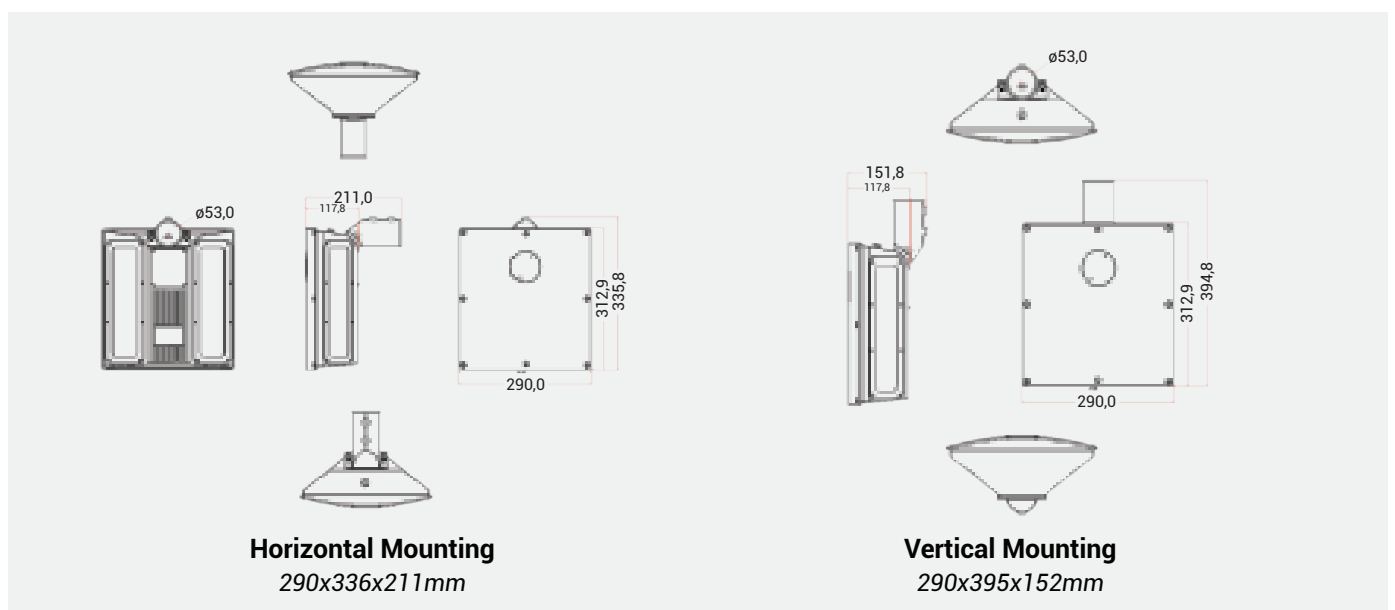


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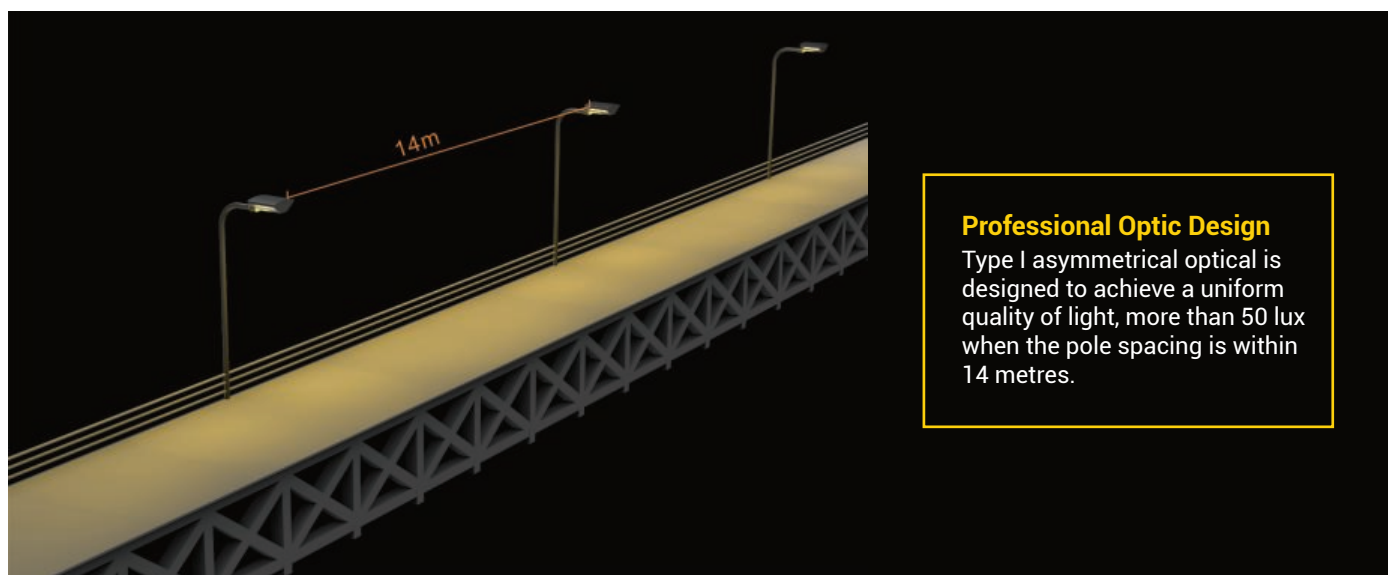
The inclination angle can be adjusted on-site for both post-top (0 to +15°) and side-entry (0 to -15°) configurations.



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Model No.	OSCVL-30W	OSCVL-36W	OSCVL-42W	OSCVL-62W	OSCVL-70W
Wattage	30W	36W	42W	62W	70W
Chips	lumileds 3030				
CCT/CRI	3000K~6000K/Ra70				
Efficacy	165Lm/w± 3%	162Lm/w± 3%	158Lm/w± 3%	155Lm/w± 3%	150Lm/w± 3%
Lumen	4,950Lm	5,832Lm	6,636Lm	9,610Lm	10,500Lm
Driver	Moso Driver				
Input Voltage	AC100-277V / DC12-24V				
IP/IK	IP66/IK08/10KV (20KV Optional)				
Optics	Customized Angle				
Certificate	ENEC / TUV / CE / SAA / CB / RoHS / LM79 / LM80 / IK08 / Salt Spay				
Dimension size	290x395x152mm (Vertical Mounting) / 290x336x211mm (Horizontal Mounting)				
Mounting Option	Side entry (φ32mm ~ 42mm)				
Operating Temp.	-30°C ~+50°C (Operating temp is -30~40°C for Emergency version)				
Weight(Net)	5.2kg				



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## Technical Specifications



### Calculation Summary 30W

Customized asymmetrical optical is designed to achieve a uniform quality of light, of more than 40 lux when the pole spacing is within 10 metres.

Mounting height: 3m				
Spacing	6m	8m	10m	12m
Ave	115 lux	86 lux	69 lux	57 lux
Min	75 lux	60 lux	45 lux	37 lux
Min/Ave	0.65	0.7	0.66	0.66

### Calculation Summary 36W

Customized optical angle asymmetrical optical is designed to achieve a uniform quality of light, more than 40 lux when pole spacing within 12 meters.

Mounting height: 3m			
Spacing	6m	8m	10m
Ave	135 lux	101 lux	81 lux
Min	88 lux	71 lux	53 lux
Min/Ave	0.65	0.7	0.66

Mounting height: 3m		
Spacing	12m	14m
Ave	67 lux	58 lux
Min	43 lux	37 lux
Min/Ave	0.65	0.64

# Orient LED Conveyor Light

## Technical Specifications

### Calculation Summary 42W

Customized asymmetrical optical is designed to achieve a uniform quality of light, of more than 40 lux when the pole spacing is within 15 metres.

Mounting height: 3m			
Spacing	6m	8m	10m
Ave	154 lux	155 lux	77 lux
Min	100 lux	81 lux	49 lux
Min/Ave	0.65	0.7	0.66

Mounting height: 3m			
Spacing	12m	14m	15m
Ave	67 lux	66 lux	61 lux
Min	43 lux	42 lux	40 lux
Min/Ave	0.65	0.64	0.65

### Calculation Summary 62W

Customized asymmetrical optical is designed to achieve a uniform quality of light, of more than 40 lux when the pole spacing is within 15 metres.

Mounting height: 3m			
Spacing	6m	8m	10m
Ave	222 lux	167 lux	134 lux
Min	145 lux	117 lux	88 lux
Min/Ave	0.65	0.7	0.66

Mounting height: 3m			
Spacing	12m	14m	15m
Ave	111 lux	96 lux	89 lux
Min	72 lux	61 lux	58 lux
Min/Ave	0.65	0.64	0.65

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### Calculation Summary 70W

Customized asymmetrical optical is designed to achieve a uniform quality of light, of more than 40 lux when the pole spacing is within 15 metres.

Mounting height: 3m			
Spacing	6m	8m	10m
Ave	243 lux	182 lux	146 lux
Min	158 lux	128 lux	96 lux
Min/Ave	0.65	0.7	0.66

Mounting height: 3m			
Spacing	12m	14m	15m
Ave	121 lux	104 lux	97 lux
Min	78 lux	67 lux	64 lux
Min/Ave	0.65	0.64	0.65

## Optional Intelligent Control Components

Daylight sensor, built-in emergency module, 0-10v dimmable and DC input for optional.



3pin/5pin/7pin NEMA Socket



Photocell Controller



Shorting Cap



20KV SPD option



12-24VDC



Internal  
Emergency  
Battery



External  
Emergency  
Battery

Emergency Battery 5W  
180minutes



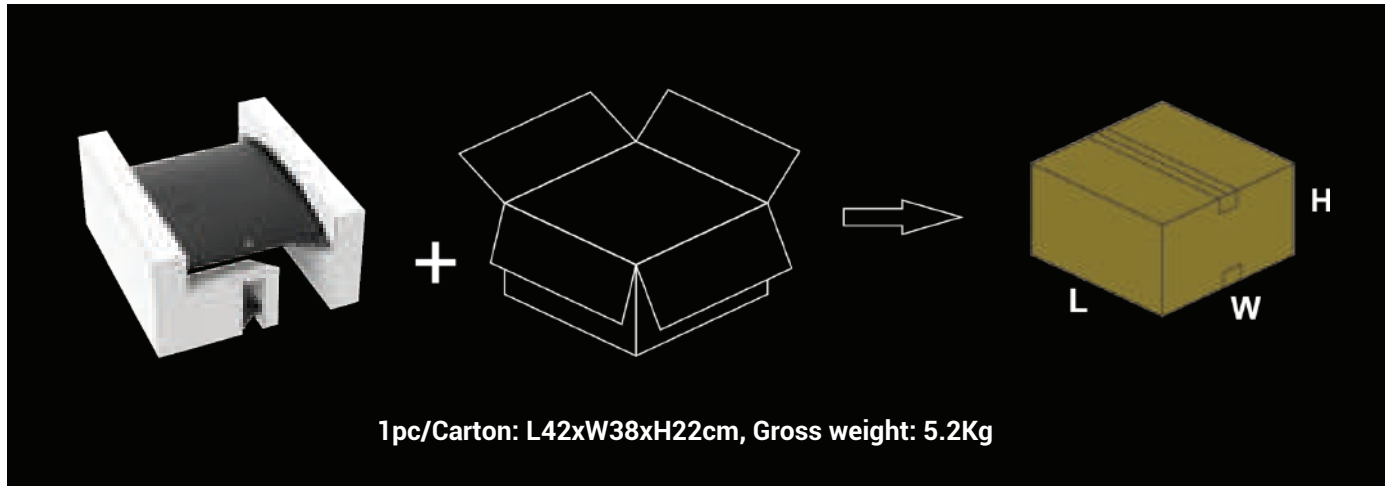
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### INSTALLATION & APPLICATIONS

The LED Conveyor Light is easy to install, and is the most energy efficient way of illuminating industrial conveyors and walkways.



## APPLICATIONS

- Industrial Conveyors
- General Area Lighting
- Walkways
- Stairwells

