

LED
STREET LIGHT

ORCA



TOGETHER, FOR A BRIGHTER FUTURE



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Orca Series

The Orca Series street light excels with a remarkable 180 lm/W high luminaries efficacy and user-friendly maintenance design. With a power range from 30 to 200W in 5 sizes, it effortlessly caters to diverse lighting needs, making it a cost-effective solution for various projects, shortens the payback time, and provides a better return on investment.

Features & Benefits

1. Cost-effective with high luminaire efficacy of up to 180 lm/W
2. Wide power ranging from 30 to 200W, with 5 sizes available
3. Excellent photometric performance with diverse lenses available
4. Die-cast aluminum housing, robust and durable
5. Excellent thermal management design ensures better performance
6. Future-proof and smart-ready with NEMA interface alternative
7. Bubble level for easy installation, more user-friendly

Application



Up to 180lm/W luminous efficacy

Deliver energy-efficient, high-quality light while enhancing safety and visibility

Easy and safe maintenance

Access the driver compartment from below with two screws*, and the cover won't fall off due to its hinged design



*Thumb screws are available

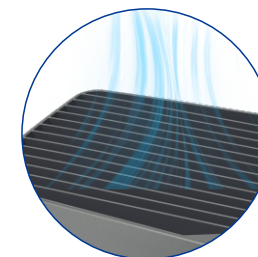


Compatible with NEMA interface

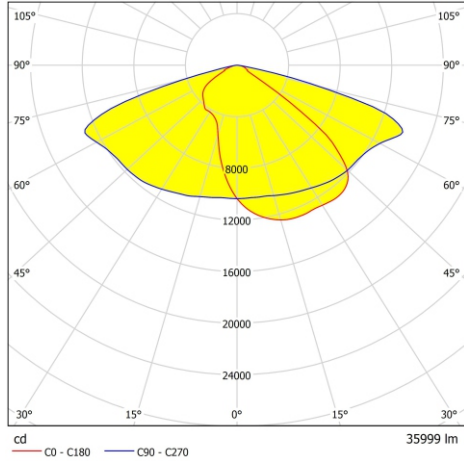
Smart-ready for enhanced capability and versatility

Optimized thermal design

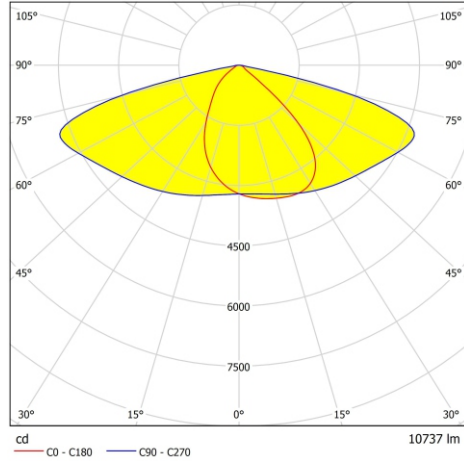
With airflow through heat sink



Light Distributions



Type II M (UNI-1020-12/13)



Type II M (UNI-1020-11/10)

5050 Light Source

Power (W)	LED QTY (pcs)	Light Distribution	4000K Ra70@Ta=25°C		3000K Ra70@Ta=25°C	
			Luminaire Efficiency	Luminous Flux	Luminaire Efficiency	Luminous Flux
30	34	UNI-1020-10	180lm/W	5400 lm	160lm/W	4800 lm
60	52	UNI-1020-11		10800 lm		9600 lm
100	52	UNI-1020-11		18000 lm		16000 lm
150	102	UNI-1020-12		27000 lm		24000 lm
200	132	UNI-1020-13		36000 lm		32000 lm

The luminaire efficacies are the typical values. ±7% tolerance is reserved.

Parameters



Product Model	Micro UNI-STD5-1	Mini UNI-STD5-2	Mini Plus UNI-STD5-3	Midi UNI-STD5-4	Maxi UNI-STD5-5
Input Voltage	AC100-277V 50/60Hz				
Power	30W	60W	100W	150W	200W
Luminous Efficacy(Tq=25°)	180lm/W				
Luminous Flux	5400lm	10800lm	18000lm	27000lm	36000lm
CCT	3000/4000/5000K				
CRI	70				
Housing Materials	Die-casting aluminum+ PC				
IP Rating	IP66				
Light Distribution	T2S, T2M, T3M				
Pole Diameter	Φ33mm - Φ60mm				
Luminaire Dimension(mm)	440x176x92	502x202x95	550x222x97.5	619x243x100	689x263x99
Packing Dimension(mm)	500x235x200	565x260x200	620x280x200	690x305x200	760x320x200
Net Weight(kg)	2.8±0.2	3.2±0.2	3.5±0.2	4.3±0.2	4.9±0.2
Gross Weight(kg)	3.48±0.2	4.0±0.2	4.6±0.2	5.3±0.2	6.0±0.2

Note: The tolerance of Luminous Flux is ±7%

Controller



NEMA Control

Features

- With PWM and 0-10V dimming interfaces
- With the data acquisition of parameters like current, voltage, power and power factor
- With reporting the analysis of power consumption and energy saving
- With monitoring and detecting the status of LED luminaire
- Automatic faulty reporting function
- With surge protection function
- IP65 rated

Communication Interface	Communication Method	Communication Distance	Dimming Signal
NEMA	LoRa / ZigBee NB / 4G LTE	LoRa: 1000M; ZigBee: 200M NB: ∞; 4G LTE: ∞	PWM 0-10v

