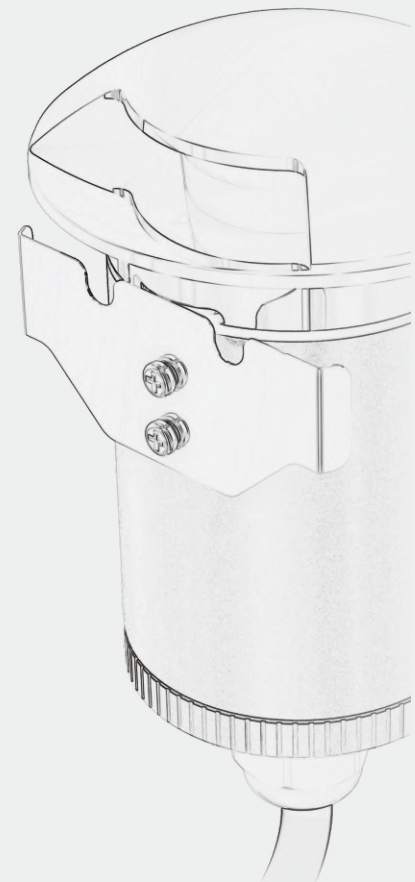


OTIS Series

EXTERIOR

Impact
LIGHTING SOLUTIONS



OTIS

IP68 design

Integral thermal management

High precision mechanism

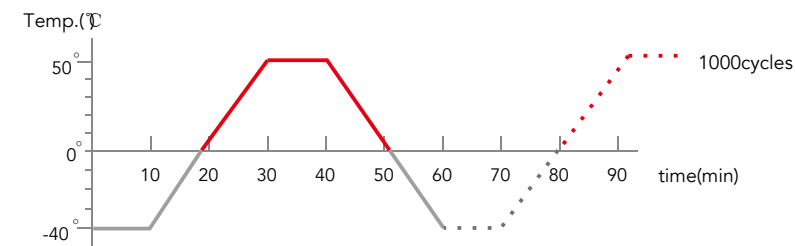
Exterior in-ground installation

Long Term Reliability

1. Power & Temperature Cycle/

Condition

Power: 5min on(Led operates at 500mA) , 5min off ,
Temperature: Ta = -40°C...50°C
Test time: 1000 cycles (procedure as below graph)



2. Power On& Temperature & Humidity Test /

Condition

Power: On (Led operates at 500mA) ; Temperature: Ta = 55°C, 85% R.H. ; Test time: 80hrs

3. Temperature & Humidity Storage /

Condition

Power: Off.
Temperature: Ta = 85°C, 85% R.H.
Test time: 1000hrs

4. IP Grade-Water Immersion test /IP

Condition

Power the luminaire (LED operating at 500mA) for 2 hours, then switch off. Immediately immerse the luminaire in water at a depth of 1.4 metres for 30 minutes.

5. Compression Test

Condition

The luminaire is subjected to a compressive force increasing at a rate of 5,000 N per minute, held at 20,000 N for one minute, and then the load is released.

- Patented IP68 optical design dissipates heat for optimal thermal performance and extended LED lifespan.
- Precision-machined housing with threaded fit provides **IP68** protection without glue or sealants, ensuring durability in extreme environments.
- Robust construction withstands up to 1,000 kg compression and complies with **IK10** impact protection standards.



OTIS - MICRO
EXTERIOR

IP68
[5m]

800 Kg

Input
12-24VDC

Top cover
Stainless Steel
316

CE



LED

Light Source: OSRAM LED module
Colour Temperatures: 2700K, 3000K, 400K
Colour Rendering Index: CRI ≥ 80, CRI ≥ 90
Colour Consistency: < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000 hours

OPTICAL

Illumination: Direct
Beam Angles: 25°, 40°, 60°

PHYSICAL

Top Cover: Stainless steel 316
Body: Anodised aluminium
Ingress Protection: IP68
Impact Rating: IK10

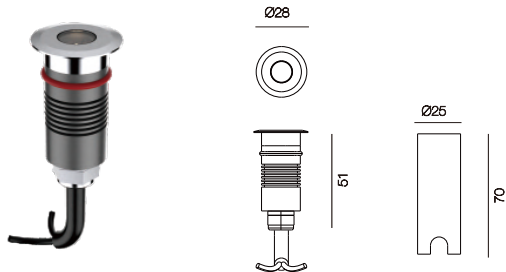
FEATURES



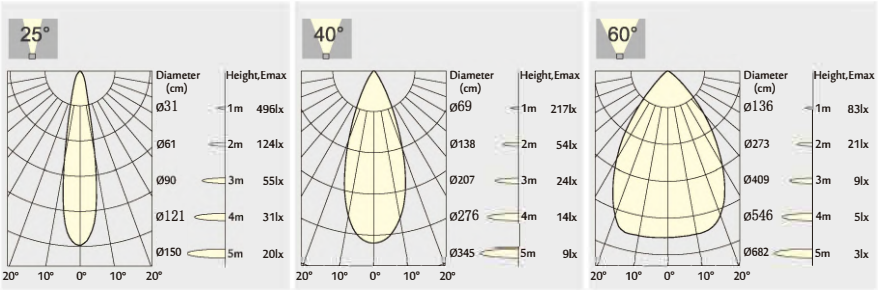
Body: Anodized Aluminium
Glass: tempered glass

- A perfect marker light for in-ground or outdoor applications.
- IP68-rated design with integrated thermal management ensures long-lasting performance.
- High-precision machining guarantees a secure mechanical fit and extended lifespan.
- Tempered glass lens supports up to 800 kg of "drive-over" load capacity.
- Highly reliable and maintenance-free.
- Very low surface temperature - the lens can be safely touched without risk of injury.
- Also suitable for indoor applications such as bathrooms, kitchens, and bars, where safe contact with the lens may occur.

DISTRIBUTION TYPE



1.5W 100 lm-110 lm



Order Information

Code	Lumen output	Input Voltage	LED Power	System Power	CRI	CCT	BEAM
OTIS-MICRO-3-25	100 lm	12-24 V	1W	1.5W	83	3000K	25°
OTIS-MICRO-4-25	110 lm	12-24 V	1W	1.5W	83	4000K	25°
OTIS-MICRO-3-40	100 lm	12-24 V	1W	1.5W	83	3000K	40°
OTIS-MICRO-4-40	110 lm	12-24 V	1W	1.5W	83	4000K	40°
OTIS-MICRO-3-60	100 lm	12-24 V	1W	1.5W	83	3000K	60°
OTIS-MICRO-4-60	110 lm	12-24 V	1W	1.5W	83	4000K	60°

OTIS - NANO

EXTERIOR

IP68
[5m]

800 Kg

Input
12-24VDC

Top cover
Stainless Steel
316

CE



LED

Light Source: OSRAM LED module
Colour Temperatures: 2700K, 3000K, 400K
Colour Rendering Index: CRI ≥ 80, CRI ≥ 90
Colour Consistency: < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50,000 hours

OPTICAL

Illumination: Direct
Beam Angles: 25°, 40°, 60°

PHYSICAL

Top Cover: Stainless steel 316
Body: Anodised aluminium
Ingress Protection: IP68
Impact Rating: IK10

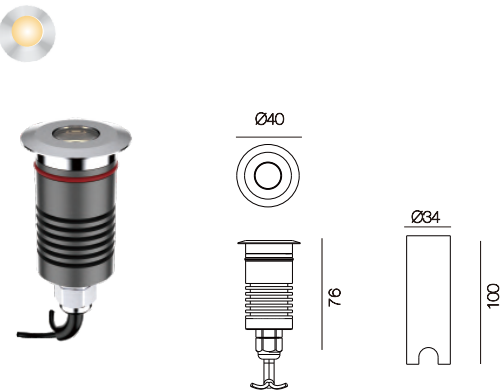
FEATURES



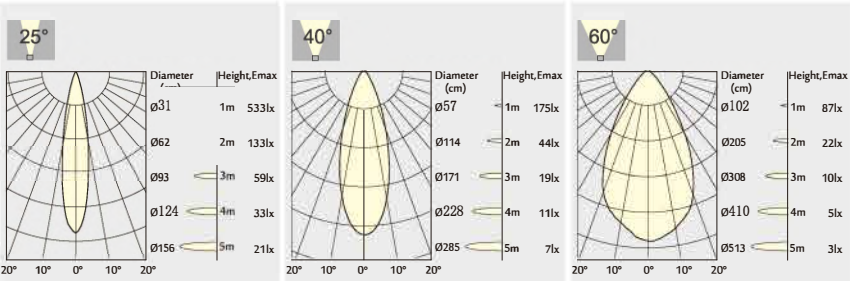
Body: Anodized Aluminium
Glass: tempered glass

- A perfect marker light for in-ground or outdoor applications.
- IP68-rated design with integrated thermal management ensures long-lasting performance.
- High-precision machining guarantees a secure mechanical fit and extended lifespan.
- Tempered glass lens supports up to 800 kg of "drive-over" load capacity.
- Highly reliable and maintenance-free.
- Very low surface temperature - the lens can be safely touched without risk of injury.
- Also suitable for indoor applications such as bathrooms, kitchens, and bars, where safe contact with the lens may occur.

DISTRIBUTION TYPE



3W 150 lm-160 lm



Order Information

Code	Lumen output	Input Voltage	LED Power	System Power	CRI	CCT	BEAM
OTIS-NANO-3-25	150 lm	12-24 V	1.6W	3W	83	3000K	25°
OTIS-NANO-4-25	160 lm	12-24 V	1.6W	3W	83	4000K	25°
OTIS-NANO-3-40	150 lm	12-24 V	1.6W	3W	83	3000K	40°
OTIS-NANO-4-40	160 lm	12-24 V	1.6W	3W	83	4000K	40°
OTIS-NANO-3-60	150 lm	12-24 V	1.6W	3W	83	3000K	60°
OTIS-NANO-4-60	160 lm	12-24 V	1.6W	3W	83	4000K	60°

OTIS - MINI
EXTERIOR

IP68
[5m]

800 Kg

Input
12-24VDC

Top cover
Stainless Steel
316

CE



LED

Light Source: OSRAM LED module
Colour Temperatures: 2700K, 3000K, 400K
Colour Rendering Index: CRI ≥ 80, CRI ≥ 90
Colour Consistency: < 3-Step MacA dam

ESTIMATED LED LIFETIME

L80 / 50,000 hours

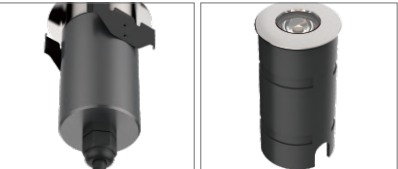
OPTICAL

Illumination: Direct
Beam Angles: 30°, 45°

PHYSICAL

Top Cover: Stainless steel 316
Body: Anodised aluminium
Ingress Protection: IP68
Impact Rating: IK10

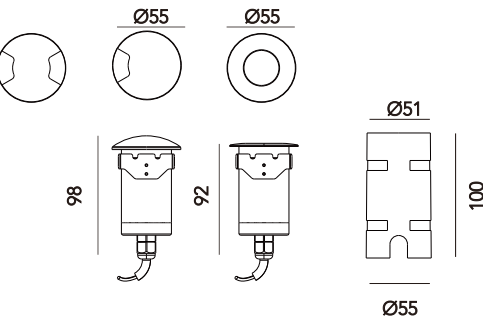
FEATURES



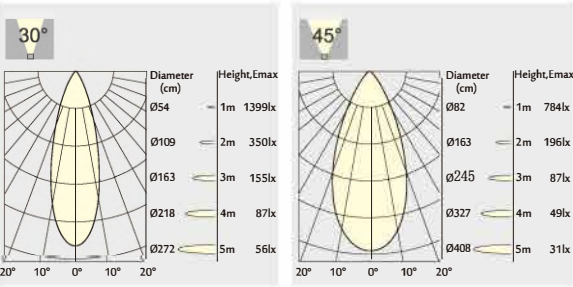
Body: Anodized Aluminium
Glass: tempered glass

- A perfect marker light for in-ground or outdoor applications.
- IP68-rated design with integrated thermal management ensures long-lasting performance.
- High-precision machining guarantees a secure mechanical fit and extended lifespan.
- Tempered glass lens supports up to 800 kg of "drive-over" load capacity.
- Highly reliable and maintenance-free.
- Very low surface temperature - the lens can be safely touched without risk of injury.
- Also suitable for indoor applications such as bathrooms, kitchens, and bars, where safe contact with the lens may occur.

DISTRIBUTION TYPE



5.5W 500 lm-550 lm



Order Information

Code	Module output	Input Voltage	LED Power	System Power	CRI	CCT	BEAM
OTIS-MINI-3-30	500 lm	24 V	5W	5.5 W	83	3000K	30°
OTIS-MINI-4-30	550 lm	24 V	5W	5.5 W	83	4000K	30°
OTIS-MINI-3-45	500 lm	24 V	5W	5.5 W	83	3000K	45°
OTIS-MINI-4-45	550 lm	24 V	5W	5.5 W	83	4000K	45°
OTIS-MINI-3-30-V1	500 lm	24 V	5W	5.5 W	83	3000K	30°
OTIS-MINI-4-30-V1	550 lm	24 V	5W	5.5 W	83	4000K	30°
OTIS-MINI-3-45-V1	500 lm	24 V	5W	5.5 W	83	3000K	45°
OTIS-MINI-4-45-V1	550 lm	24 V	5W	5.5 W	83	4000K	45°
OTIS-MINI-3-30-V2	500 lm	24 V	5W	5.5 W	83	3000K	30°
OTIS-MINI-4-30-V2	550 lm	24 V	5W	5.5 W	83	4000K	30°
OTIS-MINI-3-45-V2	500 lm	24 V	5W	5.5 W	83	3000K	45°
OTIS-MINI-4-45-V2	550 lm	24 V	5W	5.5 W	83	4000K	45°

OTIS - MAXI

EXTERIOR

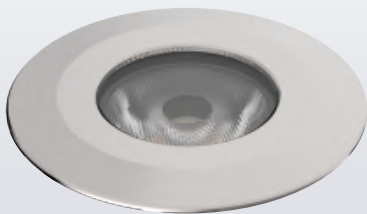
IP68
[5m]

800 Kg

Input
12-24VDC

Top cover
Stainless Steel
316

CE



LED

Light Source: OSRAM LED module
Colour Temperatures: 2700K, 3000K, 400K
Colour Rendering Index: CRI ≥ 80, CRI ≥ 90
Colour Consistency: < 3-Step MacA dam

ESTIMATED LED LIFETIME

L80 / 50,000 hours

OPTICAL

Illumination: Direct
Beam Angles: 20°, 30°, 50°

PHYSICAL

Top Cover: Stainless steel 316
Body: Anodised aluminium
Ingress Protection: IP68
Impact Rating: IK10

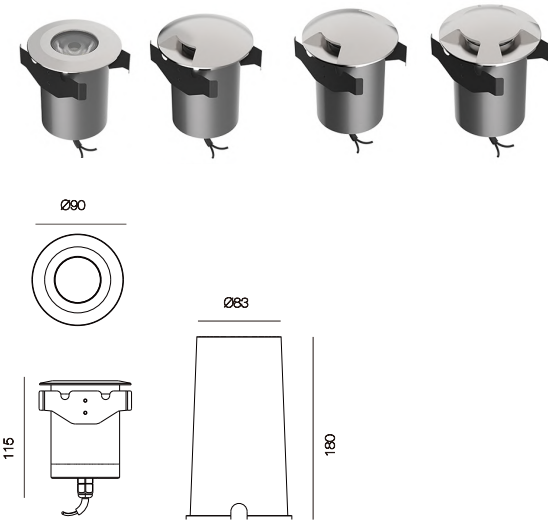
FEATURES



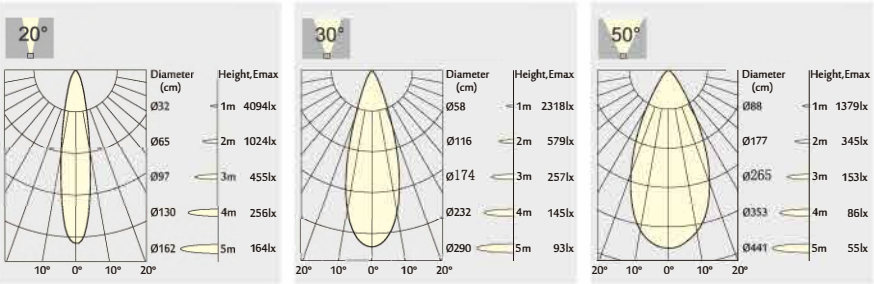
Body: Anodized Aluminium
Glass: tempered glass

- A perfect marker light for in-ground or outdoor applications.
- IP68-rated design with integrated thermal management ensures long-lasting performance.
- High-precision machining guarantees a secure mechanical fit and extended lifespan.
- Tempered glass lens supports up to 800 kg of "drive-over" load capacity.
- Highly reliable and maintenance-free.
- Very low surface temperature - the lens can be safely touched without risk of injury.
- Also suitable for indoor applications such as bathrooms, kitchens, and bars, where safe contact with the lens may occur.

DISTRIBUTION TYPE



10W 850 lm-900 lm



Order Information

Code	Module output	Input Voltage	LED Power	System Power	CRI	CCT	BEAM
OTIS-MAXI-3-20	850lm	24 V	9W	10W	83	3000K	20°
OTIS-MAXI-4-20	9 00lm	24 V	9W	10W	83	4000K	20°
OTIS-MAXI-3-30	850lm	24 V	9W	10W	83	3000K	30°
OTIS-MAXI-4-30	9 00lm	24 V	9W	10W	83	4000K	30°
OTIS-MAXI-3-50	850lm	24 V	9W	10W	83	3000K	50°
OTIS-MAXI-4-50	9 00lm	24 V	9W	10W	83	4000K	50°
OTIS-MAXI-3-20-V1	850lm	24 V	9W	10W	83	3000K	20°
OTIS-MAXI-4-20-V1	9 00lm	24 V	9W	10W	83	4000K	20°
OTIS-MAXI-3-30-V1	850lm	24 V	9W	10W	83	3000K	30°
OTIS-MAXI-4-30-V1	9 00lm	24 V	9W	10W	83	4000K	30°
OTIS-MAXI-3-50-V1	850lm	24 V	9W	10W	83	3000K	50°
OTIS-MAXI-4-50-V1	9 00lm	24 V	9W	10W	83	4000K	50°
OTIS-MAXI-3-20-V2	850lm	24 V	9W	10W	83	3000K	20°
OTIS-MAXI-4-20-V2	9 00lm	24 V	9W	10W	83	4000K	20°
OTIS-MAXI-3-30-V2	850lm	24 V	9W	10W	83	3000K	30°
OTIS-MAXI-4-30-V2	9 00lm	24 V	9W	10W	83	4000K	30°
OTIS-MAXI-3-50-V2	850lm	24 V	9W	10W	83	3000K	50°
OTIS-MAXI-4-50-V2	9 00lm	24 V	9W	10W	83	4000K	50°
OTIS-MAXI-2-20-V4	850lm	24 V	9W	10W	83	3000K	20°
OTIS-MAXI-4-20-V4	9 00lm	24 V	9W	10W	83	4000K	20°
OTIS-MAXI-3-30-V4	850lm	24 V	9W	10W	83	3000K	30°
OTIS-MAXI-4-30-V4	9 00lm	24 V	9W	10W	83	4000K	30°
OTIS-MAXI-3-50-V4	850lm	24 V	9W	10W	83	3000K	50°
OTIS-MAXI-4-50-V4	9 00lm	24 V	9W	10W	83	4000K	50°