

UPTIRN

State of the art illuminator, which provides high reliability and excellent image quality. The UPTIRN lights the entire scene evenly, eliminating hotspots and underexposures, for unbeatable night-time images and secure surveillance of the area. The high efficiency heat sink body ensures maximum LED durability and protection against over-temperatures, whereas the front glass, made of special technopolymer, provides high infrared transmittance. The illuminators are protected against electrostatic discharges.



Technical data

General

Wavelengths: 850nm, 940nm, white light

Adjustable built-in twilight sensor for automatic activation and deactivation

LED SMD

Mechanical

Die cast aluminum body

Dimensions: 187×111×176mm (7.4×4.4×6.9in)

Unit weight: 1.5kg (3.3lb)

Electrical

Supply voltage/Current consumption:

- from 12Vdc a 24Vdc, 2.5A max
- 24Vac, 2.5A max, 50/60Hz

Environment

For indoors and outdoors installation

Operating temperature: from -40°C (-40°F) a +60°C (140°F)

Certifications

Electrical safety (CE): EN60950-1, IEC60950-1, EN62368-1, IEC62368-1

Electromagnetic compatibility (CE): EN50130-4, EN55032 (Class A), EN61000-6-4

Electromagnetic compatibility (North America): FCC part 15 (Class A), ICES-003 (Class A)

Outdoor installation (CE): EN60950-22, IEC60950-22

Photobiological safety (CE): EN62471, IEC62471

IP protection degree (EN60529): IP66, IP67

IK protection degree : IK10

UL certification (UL60950-1, CAN/CSA C22.2 No. 60950-1-07): cULus Listed

Level of protection Type (UL50E): 4X

Restriction of Hazardous Substances (RoHS), Directive 2011/65/EU

Waste Electrical and Electronic Equipment (WEEE), Directive 2012/19/EU

Part number

UPTIRN108A00	LED illuminator for ULISSE, 10°, 850nm, 24Vac - 12/24Vdc
UPTIRN308A00	LED illuminator for ULISSE, 30°, 850nm, 24Vac - 12/24Vdc
UPTIRN608A00	LED illuminator for ULISSE, 60°, 850nm, 24Vac - 12/24Vdc
UPTIRN109A00	LED illuminator for ULISSE, 10°, 940nm, 24Vac - 12/24Vdc
UPTIRN309A00	LED illuminator for ULISSE, 30°, 940nm, 24Vac - 12/24Vdc
UPTIRN609A00	LED illuminator for ULISSE, 60°, 940nm, 24Vac - 12/24Vdc
UPTIRN10WA00	LED illuminator for ULISSE, 10°, white light, 24Vac - 12/24Vdc
UPTIRN30WA00	LED illuminator for ULISSE, 30°, white light, 24Vac - 12/24Vdc
UPTIRN60WA00	LED illuminator for ULISSE, 60°, white light, 24Vac - 12/24Vdc

IRN - Beam pattern and achievable distances for one illuminator

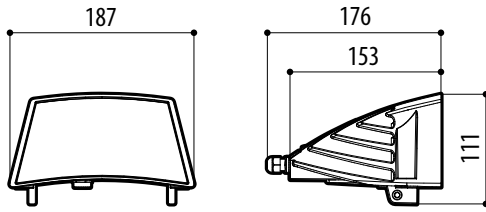
Horizontal and vertical beam patterns	Maximum distance		
	850nm	940nm	White light
10°	-	140m (460ft)	-
30°	130m (427ft)	80m (262ft)	120m (393ft) ¹
60°	80m (262ft)	60m (197ft)	90m (295ft) ¹

¹ Achievable distances with camera in Day mode (colour image)

The distances and the performance depend on the camera/lens used and on the environmental conditions.

Technical drawings

The indicated measurements are expressed in millimetres.



UPTIRN

Support

Learn more and find additional documentation at pelco.com or email support@pelco.com for specific product support.