

# EXIR40F fixed IR illuminator - UL range

Hazardous location,  
fixed camera station



## Overview

The Oxalis EXIR40F is an explosion protected, IR nano-stack LED technology, infrared illuminator for use with fixed camera stations, for use in hazardous areas in onshore, offshore, marine and heavy industrial environments.

The illuminator is designed for longevity in harsh environments with minimal maintenance.

## Features

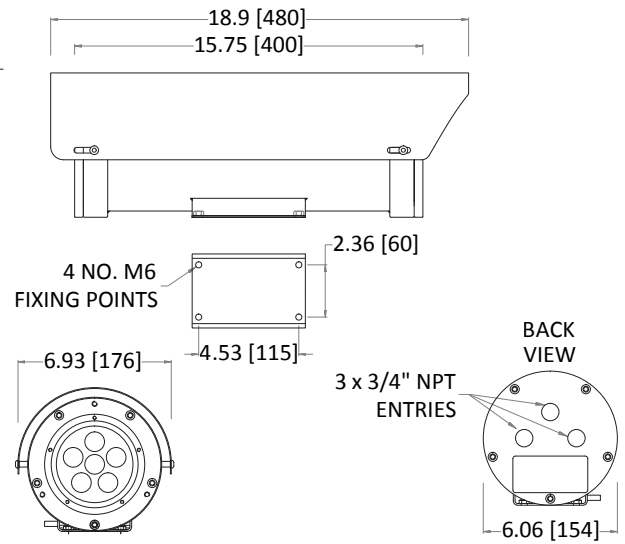
- Class 1 Division 1 and Zone 1 certified
- Electro-polished 316L stainless steel on all welded assemblies
- Pole or wall mounting options (see separate datasheets)
- Supply voltage options 24 VAC
- Operating temperature from -58°F to +158°F\*
- IP66/67 (IP68)

\*Model dependent

## Certifications

UL C1/D1	Class I, Division 1, Groups B, C, D, T4A Class II, Division 1, Groups E, F, G IP67 Class 1 Zone 1 A Ex d IIC T4
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## General arrangement drawing (all dimensions in inches)



## Specifications

<b>Certification part number</b>	Housing options OXALIS-UL1410-00-IR, 1410-10-IR, 1410-04-IR, 2410-04-IR
<b>Features</b>	
<b>Sun shield</b>	Standard stainless steel 316L mirror finish
<b>Range</b>	Up to 100m depending on associated camera technology
<b>Beam angle</b>	12°
<b>Wavelength</b>	850nm
<b>Control</b>	Autosensing ambient light sensor or logic input
<b>Electrical</b>	
<b>Supply voltage options</b>	24 VAC
<b>Power consumption</b>	13W maximum
<b>Electrical connections</b>	Terminal block for power
<b>Cable entry</b>	3 x 3/4" NPT in rear flange
<b>Mechanical</b>	
<b>Body material</b>	Electro-polished 316L stainless steel on all welded assemblies
<b>Fixings material</b>	A4 stainless steel
<b>Camera station window</b>	Toughened glass
<b>Mounting options</b>	Pole or wall (see separate datasheets)
<b>Operating temperature</b>	From -58°F to +158°F (model dependent)
<b>Weight (lb)</b>	Up to 20lb depending on configuration
<b>Ingress protection rating</b>	IP66/67 (IP68 1.5m for 24h the same as the other fixed housings)