# EXIR40F fixed IR illuminator - UL range

Hazardous location, fixed camera station



**CROUSE-HINDS** 

### 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.

Theilluminator 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





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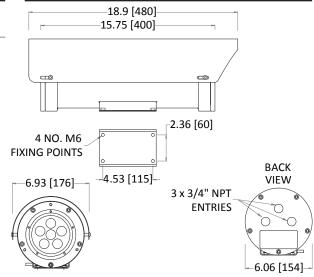
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#### UL C1/D1

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

#### General arrangement drawing (all dimensions in inches)



Specifications			
Certification part number	Housing options OXALIS-UL1410-00-IR, 1410-10-IR, 1410-04-IR, 2410-04-IR		
Features			
Sun shield	Standard stainless steel 316L mirror finish		
Range	Up to 100m depending on associated camera technology		
Beam angle	12°		
Wavelength	850nm		
Control	Autosensing ambient light sensor or logic input		
Electrical			
Supply voltage options	24 VAC		
Power consumption	13W maximum		
Electrical connections	Terminal block for power		
Cable entry	3 x ¾"NPT in rear flange		
Mechanical			
Body material	Electro-polished 316L stainless steel on all welded assemblies		
Fixings material	A4 stainless steel		
Camera station window	Toughened glass		
Mounting options	Pole or wall (see separate datasheets)		
Operating temperature	From -58°F to +158°F (model dependent)		
Weight (lb)	Up to 20lb depending on configuration		
Ingress protection rating	IP66/67 (IP68 1.5m for 24h the same as the other fixed housings)		