



# Floodlight CondorLED



## Applications:

- Lighting in oil and gas refineries, oil and gas drilling rigs, water, deep excavations, mining, loading and unloading platforms and docks, tunnels, lighting of general industrial transit areas with environments typical of classified areas where vapors, flammable gases, dust, fibers and flammable particles may be present.
- General outdoor and indoor areas with the presence of hazardous, corrosive chemicals.
- Locations requiring continuous light levels with extremely hot or cold ambient temperatures.
- Marine environment, wet locations and/or with maintenance for water jet washing.
- Classified and hazardous areas.

## LED Technology

- Cool white (5000 K, 70 CRI) and warm white (3000 K, 80 CRI)•
- Custom designed optics: 70°x140°, 60°, 90° and 120°.
- High quality LED matrix (IP67, RoHS, CE).
- 176lm/Watts.

## Body:

- Made of copper-free cast aluminium and subjected to an impurity removal process, applying two stages of electrostatic anti-corrosion powder coating.
- The first with epoxy-polyester paint, and the second with pure transparent polyester, achieving maximum adhesion and minimum thicknesses of 300 microns.
- Packing and sealing using industrial silicone resistant to high temperatures and deformations, which guarantees the tightness and preservation of the internal components.
- Reflector made of high reflectivity mirror-type anodized aluminium.

## Electrical components:

- Self-regulating 120-277VAC multivoltage drivers 120-277VAC\* rango de frecuencia 47-63Hz.
- Available 480VAC, 50VAC y 12VAC.
- 3 years warranty on electrical components.

\*They are supplied according to the client's needs.

# LXCLED

Class I, Div. 1 & 2, Groups A,B,C,D; Class I, Zone 1 & Zone 2; Class II, Groups E,F,G; Class III Type 4X,IK10, IP67



## Certifications and Compliances

### ATEX/CE (hazardous areas)

- II 2 G Ex ib IIC T6
- II 2 D Ex ib A21 T85 Db Tamb -40°C to +85°C

### IEC

- EN IEC 60079-0:2018/AC:2020-02, EN IEC 60079-7:2015/A1:2018
- EN 60079-11:2012, EN 60079-31:2014
- NMX-J-529-ANCE-2020; IP67.
- NMX-J-607-ANCE-2008, NMX-J-627-ANCE-2009, IK10

### NEC and CEC Standard equivalent:

- Clase I, Div.1 y 2, Grupos A,B,C,D;
- Clase I, Zona 1 y Zona 2; Clase II, Grupos E,F,G; Clase III Tipo 4X

### UL and CSA Standard equivalent:

- UL844; UL1598; UL1598A; UL8750
- CSA C22.2 No. 137

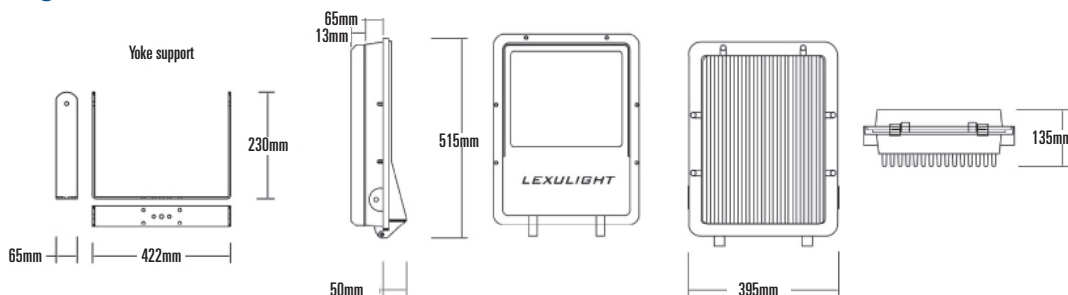


<b>UNV1</b>	100-277VAC 50/60Hz
<b>UNV48</b>	480VAC 50/60Hz
<b>UNV5</b>	50VAC 50/60Hz
<b>UNV12</b>	12VAC 50/60Hz

## Efficiency:

Model	Nominal-Lumens	Lumens per Watts	HID Equivalent
<b>LXCLED50</b>	8800	176 lm/w	70W-100W
<b>LXCLED100</b>	17600	176 lm/w	230W-250W
<b>LXCLED150</b>	26400	176 lm/w	310W-325W
<b>LXCLED200</b>	35200	176 lm/w	380W-400W

## Diagram



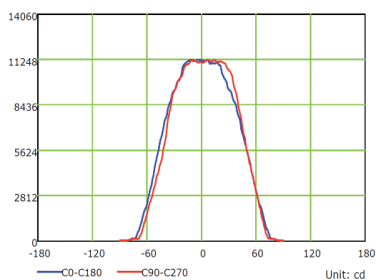
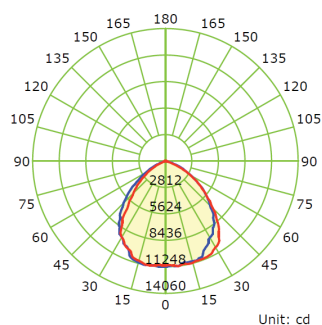
# Led Floodlight for Harsh and Hazardous Areas

Class I, Div. 2, Groups A,B,C,D; Class I, Zone 1 y Zone 2; Class II, Groups E,F,G; Class III  
Type 4X, IP67

## Weight and measurements

Model	Lbs.	Kgs.	Width		Height		Depth	
			mm.	In.	mm.	In.	mm.	In.
LXCLED50	30.42	13.8	395	15.5	515	20.2	135	5.31
LXCLED100	30.86	14.0	395	15.5	515	20.2	135	5.31
LXCLED150	31.52	14.3	395	15.5	515	20.2	135	5.31
LXCLED200	31.96	14.5	395	15.5	515	20.2	135	5.31

## Photometrics curves



## Ordering information

Part number sample

**LXCLED50CYC1/UNV1A7A**

# LXCLED50

# C

# Y

# C1

# /UNV1

# A7

# A

### Model

LXCLED50	50W
LXCLED100	100W
LXCLED150	150W
LXCLED200	200W

### Color Temperature

C	5000K, 70 CRI (Cool White)
W	3000K, 80 CRI (warm white)

### Estilo de Montaje

PM	Pole mount
Y	Yoke

### Connections

C1	1/2"
C2	3/4"

### Accesorios

Vacio	Ningun
A	Protección de Acero
B	Vidrio Blindado

### Optical distribution

A7	Distr. 70°x140°
A6	Distr. 60° patrón
A9	Distr. 90° patrón
A1	Distr. 120° patrón

### Voltage

UNV1	120-277VAC 50/60hz
UNV48	480VAC 50/60Hz
UNV5	50VAC 50/60Hz
UNV12	12VAC 50/60Hz

