

LED CHIPS

LED DRIVER

80w

**CITIZEN**  
Micro HumanTech

**MW**  
MEAN WELL

IP66

5000K  
COOL  
WHITE

3 OR 5  
YEAR  
WARRANTY

ZONE  
1, 21

ZONE  
2, 22



IECEX

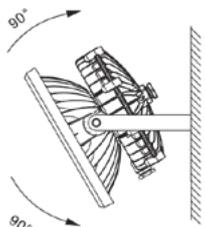
ATEX

LM79  
LM84

IP  
66

Ta  
40/55

Ta  
-40



The Leven is a luminaire specialised for use in areas with demanding temperature and particle requirements.

It can be installed in environments with flammable gas, steam or dust. For example; petrochemical or pharmaceutical plants.

The Leven can be mounted at a low height in environments with traditionally corrosive moisture content; such as offshore drilling platforms.

The windward surface area is only 30% of a traditional lamp, making the Leven suitable for high altitude and high wind areas.

The adjustable locking device means minimised vibration, no welding required and ease of access for repairs.



Wattage (w)	80
Lumens (lm)	8900
Luminaire Efficacy	110
Colour Temp (K)	5000
CRI	70 (80 optional)
IP Rating	66
Dimensions (mm)	Ø300x202
Beam Angle (°)	100
Mount height (m)	8 - 12
UK Warranty (yrs)	3 std. / 5 ext.

**DIVISIONS**

Ex db IIC T3/T4 Gb

Ex tb IIIC T195°C /T130°C Db

**STANDARDS**

<b>EN 55015</b>	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
<b>EN 60079-0</b>	Explosive atmospheres – Part 0: Equipment – General requirements
<b>EN 60079-1</b>	Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures 'd'
<b>EN 60598-1</b>	Luminaires - General requirements
<b>EN 60598-2-5</b>	Luminaires - Floodlights
<b>EN 61000-3-2</b>	Electromagnetic compatibility (EMC) - Part 3-2: Limits - for harmonic current emissions
<b>EN 61000-3-3</b>	Electromagnetic compatibility (EMC) - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
<b>EN 61547:2009</b>	Equipment for general lighting purposes.
<b>2002/96/EC</b>	Waste Electrical & Electronic Equipment (WEEE)
<b>2011/65/EU</b>	Restriction of the use of certain Hazardous Substances in EEE (RoHS)

