

L1102

Explosion-proof Light with IP camera



Net Weight: 5.5 kg (10.1 lb)



Protection

- Class I, Division 2, Group A, B, C and D

Standards

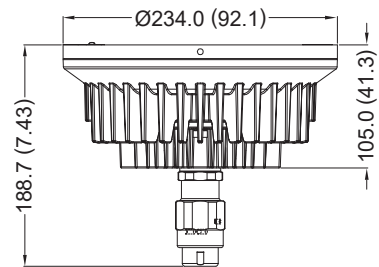
- UL 844
- UL 1598 Luminaires
- UL 8750
- CSA C22.2 No 137-M1981

Light Features

- UL certified Explosion proof LED Lighting with IP Camera
- The best surveillance product for hazardous and wet location

Technical Data

Rated Voltage (±10%)	120V / 277V / 480V AC		
Watts (±10%)	46W / 66W (Include Camera 6W)		
Amps for lighting	40W 120V: 0.33A, 277V: 0.14A, 480V: 0.08A 60W 120V: 0.50A, 277V: 0.22A, 480V: 0.13A		
Color of LED Light	3000K (Warm White) / 5000K (Cool White)		
Ambient Temperature	-40°C ~ +40°C, T4		
Power Factor	cos ≥ 0.9, cos ≥ 0.87 (480V)		
CRI	Cool White ≥ 70 / Warm White ≥ 80		
Lumen (±10%)	COB	40W	60W
	3000K	3778lm	5605lm
	5000K	4181lm	6173lm
Beam Angle	X-110° / Y-110°		
Frequency	50 / 60 Hz		
Degree of Protection	IP67 / NEMA 6		
Material	<ul style="list-style-type: none"> • Housing: Aluminum alloy • Screws: Stainless Steel 		
LED Service Life	60,000 hrs		
Entrance Thread	1 × NPT 3/4"		
Resolution	2 Mega Pixels , Full HD 1080P		
1080p HD	1920 × 1080		
720p HD	1280 × 720		
Video Compression	H.264 High / Main Profile Motion JPG		
PoE	IEEE 802.3af		
Digital Zoom	Yes		
PC Requirement	<ul style="list-style-type: none"> • CPU: Intel i3 or above • OS: Windows 7, Windows 8, Windows 10 • RAM: 4 GB or above, Dedicated graphics card 		



Dimension in Millimeters (inches)





Applicable Area

- Oil Refinery Complex
- Petrochemical Complex
- Painting Facility
- Transporting Nature Gas
- Transproting Liquefied
- Petroleum Gas
- Offshore Platform (Oil and Natural Gas)

Model Code

THT	2L	A	66W	C	4	9	C	1102
Brand, THT=Top Hi-Tech Co, Ltd.	Category of product, 2L=LED lightings use COB LED module	Current of LED module, A=AC	Wattage (includ camera 6W), 46W=46W, 66W=66W	CCTV	Temperature class of product, 4=T4	Voltage, 6=120V, 9=277V, C=480V	C.C.T., C=Cool White, W=Warm White	Model Name, 1102= Model L1102

Purchase Guide

Installation Procedure	Specifications	Area	POE/NVR Model selection
 <p>L1102</p> <p>1</p>  <p>POE Power over Ethernet (Required Equipment)</p>	<p>2 mega pixels 30 meters infrared IP67, 24/7 surveillance Digital zoom</p>	<p>Class I, Division 2</p>	<p>POE</p> <p>Choose 1 from 4</p> <ul style="list-style-type: none"> Model: PMH-POE570WAT Maximum output power 70W Number of camera ports: 4 Model: PS3108C Maximum output power 130W Number of camera ports: 8 Model: PS3188C Maximum output power 250W Number of camera ports: 16 Model: PS3268C Maximum output power 370W Number of camera ports: 24
<p>2</p>  <p>NVR Network Video Recorder (Required Equipment)</p>	<p>Receiving and filing the POE video data and connect NVR host through internet for monitoring when mouse and screen monitor are connected. Remote monitoring available with the interface of Windows/IOS/Android.</p>	<p>Placed in an explosion-proof control box or non hazardous area.</p>	
<p>3</p>  <p>Client device (Optional equipment)</p>	<p>Connect to Lilin's NAV Management system with your own device to:</p> <ol style="list-style-type: none"> Live play Recording Playback 	<p>Placed in an explosion-proof control box or non hazardous area.</p>	<p>NVR</p> <p>Choose 1 from 3</p> <ul style="list-style-type: none"> Model: NVR3216 Input Channel: 1~16 CH Installable Hard Disks: 2pcs 3.5" Maximum capacity support: 8TB × 2pcs Model: NVR3416 Input Channel: 1~16 CH Installable Hard Disks: 4pcs 3.5" Maximum capacity support: 8TB × 4pcs Model: NVR5832 Input Channel: 1~32 CH Installable Hard Disks: 8pcs 3.5" Maximum capacity support: 8TB × 8pcs Support eSATA external hard disk: 2 Port External hard disk maximum capacity: 16TB × 2