

## LED FLOODLIGHTS 10W – 200W

**DIECAST ALUMINIUM, SUPER SLIM & ASA ANTI CORROSIVE SERIES**  
THE *ULTIMATE* CHOICE FOR LED FLOODLIGHTS IN THE UK

Issue: July 2013



Available from all good wholesalers

## LED FLOODLIGHTS

One Electrical Ltd offer an LED floodlight for every application; carrying extensive stocks of a variety of IP65 rated fittings ranging from 10W up to 200W, all with high lumen output performance. Higher wattage fittings are also available to bespoke order according to customer requirements. The ONE LED range also includes IP54 PIR sensor versions of the 10W and 30W floodlights. All the floodlights have a long life expectancy of 50,000 hours and are supplied with a 2 year warranty. The LED floodlights are an ideal alternative to halogen, SON and metal halide floodlights, offering up to 90% savings on energy consumption. They illuminate to full capacity instantly, are flicker free, operate with low heat output and are free from mercury and other hazardous substances.

## PRICE

We are determined to ensure our products are the most competitive in the market. Prices are exclusively available to electrical wholesalers, where our products can be purchased from.

## QUALITY

Our LED floodlights have a life expectancy of 50,000 hours. They are supplied with a comprehensive 2 year warranty, and extended warranties are available.

## APPROVALS

All our products are fully certificated by accredited test houses and comply with current CE, RoHS, & EMC requirements. Independent UK and random batch testing is also carried out on all products.

## TECHNOLOGY

Supplied with a quality LED driver & the latest Epistar brand LED chips, our floodlights offer excellent lumens output & energy efficiency. We can supply with other brands of LED & drivers, see OEM below.

## OEM

We can manufacture & supply to specific requirements to include other brands of chips & drivers. A selection of those available are shown opposite.



# LED Floodlights

## Diecast Aluminium Series

### 10W

<b>CODE</b>	OE-10WLEDFLOOD	<b>LED</b>	Epistar COB
<b>WATTAGE</b>	10W	<b>REFLECTOR</b>	Polished Aluminium
<b>LUMENS</b>	900lm	<b>INPUT VOLTAGE</b>	85-240V AC 50/60Hz
<b>LUMINOUS EFFICIENCY</b>	90lm/W	<b>COLOUR TEMP</b>	6000K
<b>IP RATING</b>	IP65	<b>CRI</b>	>80
<b>BEAM ANGLE</b>	120°	<b>SIZE</b>	86 x 114 x 83mm
<b>CABLE</b>	1m 3-core pre-wired with IP65 cable gland	<b>ALTERNATIVE TO</b>	150W Halogen
		<b>ENERGY SAVING</b>	90%



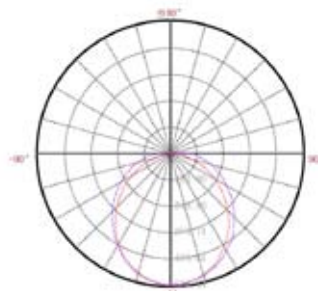
### 10W with PIR Sensor

<b>CODE</b>	OE-10WLEDFLOODPIR	<b>LED</b>	Epistar COB
<b>WATTAGE</b>	10W	<b>REFLECTOR</b>	Polished Aluminium
<b>LUMENS</b>	900lm	<b>INPUT VOLTAGE</b>	85-240V AC 50/60Hz
<b>LUMINOUS EFFICIENCY</b>	90lm/W	<b>COLOUR TEMP</b>	6000K
<b>IP RATING</b>	IP54	<b>CRI</b>	>80
<b>BEAM ANGLE</b>	120°	<b>SIZE</b>	86 x 114 x 83mm
<b>CABLE</b>	1m 3-core pre-wired with IP65 cable gland	<b>ALTERNATIVE TO</b>	150W Halogen
		<b>ENERGY SAVING</b>	90%

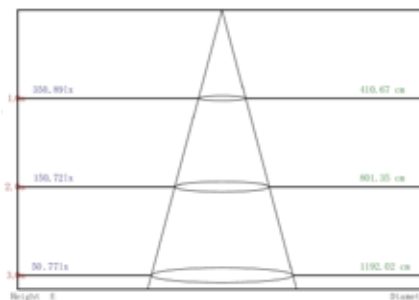


### 10W Photometric Data

ILLUMINATION INTENSITY CHART



LIGHT DISTRIBUTION CHART



# LED Floodlights

## Diecast Aluminium Series

### 30W

CODE	OE-30WLEDFLOOD	LED	Epistar COB
WATTAGE	30W	REFLECTOR	Polished Aluminium
LUMENS	2700lm	INPUT VOLTAGE	85-240V AC 50/60Hz
LUMINOUS EFFICIENCY	90lm/W	COLOUR TEMP	6000K
IP RATING	IP65	CRI	>80
BEAM ANGLE	120°	SIZE	200 x 226 x 127mm
CABLE	1m 3-core pre-wire with IP65 cable gland	ALTERNATIVE TO	500W Halogen/70W Metal Halide
		ENERGY SAVING	90%



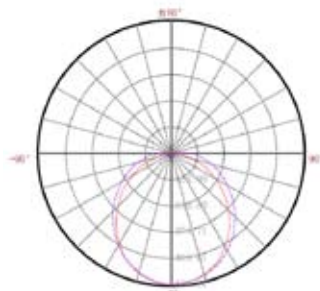
### 30W with PIR Sensor

CODE	OE-30WLEDFLOOD-PIR	LED	Epistar COB
WATTAGE	30W	REFLECTOR	Polished Aluminium
LUMENS	2700lm	INPUT VOLTAGE	85-240V AC 50/60Hz
LUMINOUS EFFICIENCY	90lm/W	COLOUR TEMP	6000K
IP RATING	IP54	CRI	>80
BEAM ANGLE	120°	SIZE	200 x 226 x 127mm
CABLE	1m 3-core pre-wired with IP65 cable gland	ALTERNATIVE TO	500W Halogen/70W Metal Halide
		ENERGY SAVING	90%

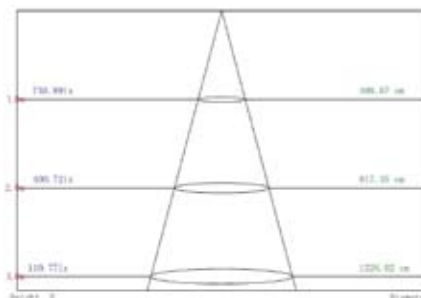


### 30W Photometric Data

ILLUMINATION INTENSITY CHART



LIGHT DISTRIBUTION CHART



# LED Floodlights

## Diecast Aluminium Series

### 50W

<b>CODE</b>	OE-50WLEDFLOOD	<b>LED</b>	Epistar COB
<b>WATTAGE</b>	50W	<b>REFLECTOR</b>	Polished Aluminium
<b>LUMENS</b>	4500lm	<b>INPUT VOLTAGE</b>	85-240V AC 50/60Hz
<b>LUMINOUS EFFICIENCY</b>	90lm/W	<b>COLOUR TEMP</b>	6000K
<b>IP RATING</b>	IP65	<b>CRI</b>	>80
<b>BEAM ANGLE</b>	120°	<b>SIZE</b>	310 x360 x 110mm
<b>CABLE</b>	1m 3-core pre-wired with IP65 cable gland	<b>ALTERNATIVE TO ENERGY SAVING</b>	150W SON / Metal Halide 70%



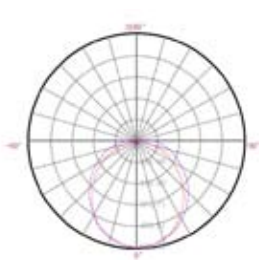
### 80W

<b>CODE</b>	OE-80WLEDFLOOD	<b>LED</b>	Epistar COB
<b>WATTAGE</b>	80W	<b>REFLECTOR</b>	Polished Aluminium
<b>LUMENS</b>	7200lm	<b>INPUT VOLTAGE</b>	85-240V AC 50/60Hz
<b>LUMINOUS EFFICIENCY</b>	90lm/W	<b>COLOUR TEMP</b>	6000K
<b>IP RATING</b>	IP65	<b>CRI</b>	>80
<b>BEAM ANGLE</b>	120°	<b>SIZE</b>	310 x360 x 110mm
<b>CABLE</b>	1m 3-core pre-wired with IP65 cable gland	<b>ALTERNATIVE TO ENERGY SAVING</b>	250W SON / Metal Halide 70%

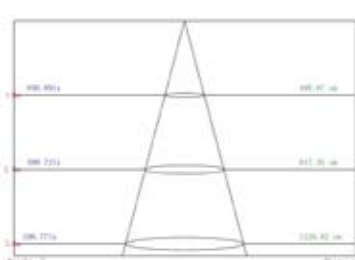


#### 50W Photometric Data

ILLUMINATION INTENSITY CHART

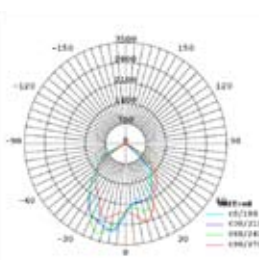


LIGHT DISTRIBUTION CHART

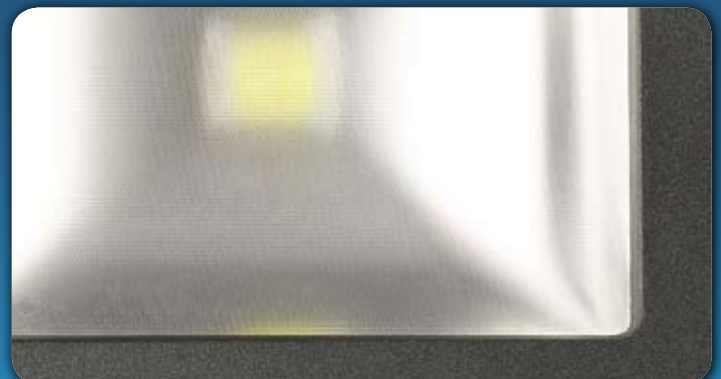
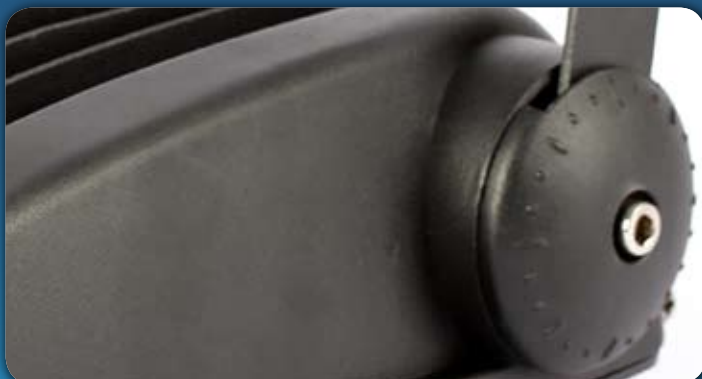
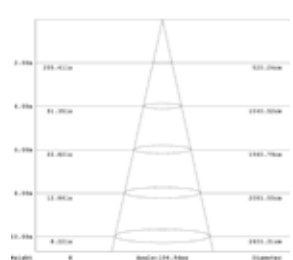


#### 80W Photometric Data

ILLUMINATION INTENSITY CHART



LIGHT DISTRIBUTION CHART



# LED Floodlights

## Diecast Aluminium Series

### 100W

<b>CODE</b>	OE-100WLEDFLOOD	<b>LED</b>	Epistar COB
<b>WATTAGE</b>	100W	<b>REFLECTOR</b>	Polished Aluminium
<b>LUMENS</b>	9000lm	<b>INPUT VOLTAGE</b>	85-240V AC 50/60Hz
<b>LUMINOUS EFFICIENCY</b>	90lm/W	<b>COLOUR TEMP</b>	6000K
<b>IP RATING</b>	IP65	<b>CRI</b>	>80
<b>BEAM ANGLE</b>	120°	<b>SIZE</b>	370 x 290 x 114mm
<b>CABLE</b>	1m 3-core pre-wired with IP65 cable gland	<b>ALTERNATIVE TO ENERGY SAVING</b>	300W Metal Halide 70%



### 120W

<b>CODE</b>	OE-120WLEDFLOOD	<b>LED</b>	Epistar COB
<b>WATTAGE</b>	120W	<b>REFLECTOR</b>	Polished Aluminium
<b>LUMENS</b>	10,800lm	<b>INPUT VOLTAGE</b>	85-240V AC 50/60Hz
<b>LUMINOUS EFFICIENCY</b>	90lm/W	<b>COLOUR TEMP</b>	6000K
<b>IP RATING</b>	IP65	<b>CRI</b>	>80
<b>BEAM ANGLE</b>	120°	<b>SIZE</b>	390 x 250 x 120mm
<b>CABLE</b>	1m 3-core pre-wired with IP65 cable gland	<b>ALTERNATIVE TO ENERGY SAVING</b>	400W Metal Halide 70%



### 150W

<b>CODE</b>	OE-150WLEDFLOOD	<b>LED</b>	Epistar COB
<b>WATTAGE</b>	150W	<b>REFLECTOR</b>	Polished Aluminium
<b>LUMENS</b>	13,500lm	<b>INPUT VOLTAGE</b>	85-240V AC 50/60Hz
<b>LUMINOUS EFFICIENCY</b>	90lm/W	<b>COLOUR TEMP</b>	6000K
<b>IP RATING</b>	IP65	<b>CRI</b>	>80
<b>BEAM ANGLE</b>	120°	<b>SIZE</b>	390 x 250 x 120mm
<b>CABLE</b>	1m 3-core pre-wired with IP65 cable gland	<b>ALTERNATIVE TO ENERGY SAVING</b>	>400W Metal Halide 70%



# LED Floodlights

## ASA Series

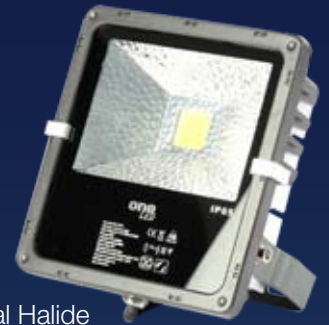
### 10W

CODE	OE-ASAFL10	LED	Epistar COB
WATTAGE	10W	REFLECTOR	Polished Aluminium
LUMENS	900lm	INPUT VOLTAGE	85-240V AC 50/60Hz
LUMINOUS EFFICIENCY	90lm/W	COLOUR TEMP	6000K
IP RATING	IP65	CRI	>80
BEAM ANGLE	120°	SIZE	179 x 133 x 57mm
CABLE	1m 3-core pre-wired with IP65 cable gland	ALTERNATIVE TO ENERGY SAVING	>150W Halogen 90%



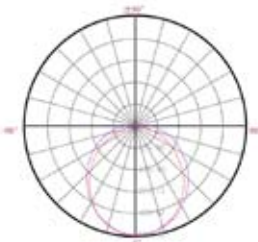
### 30W

CODE	OE-ASAFL30	LED	Epistar COB
WATTAGE	30W	REFLECTOR	Polished Aluminium
LUMENS	2700lm	INPUT VOLTAGE	85-240V AC 50/60Hz
LUMINOUS EFFICIENCY	90lm/W	COLOUR TEMP	6000K
IP RATING	IP65	CRI	>80
BEAM ANGLE	120°	SIZE	179 x 215 x 68mm
CABLE	1m 3-core pre-wired with IP65 cable gland	ALTERNATIVE TO ENERGY SAVING	>500W Halogen/70W Metal Halide 90%

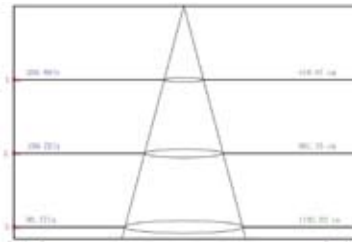


#### 10W Photometric Data

##### ILLUMINATION INTENSITY CHART

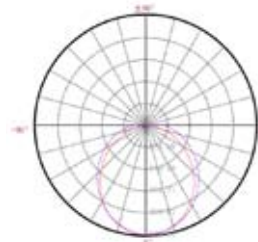


##### LIGHT DISTRIBUTION CHART

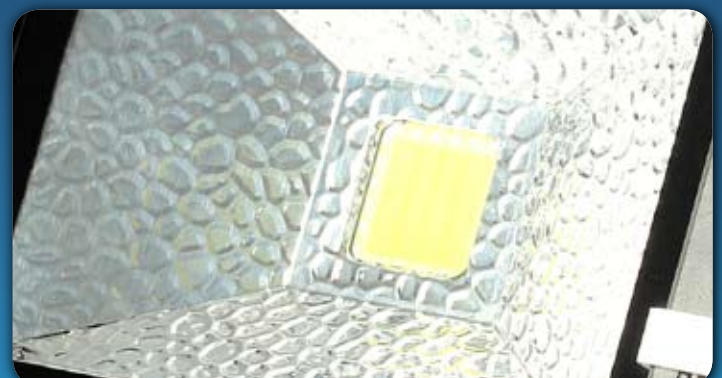
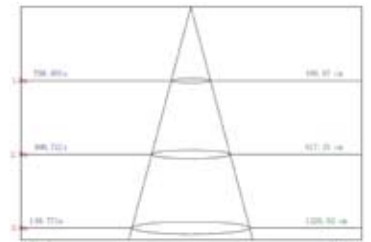


#### 30W Photometric Data

##### ILLUMINATION INTENSITY CHART



##### LIGHT DISTRIBUTION CHART

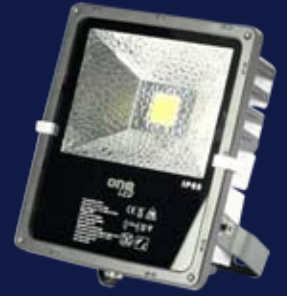


# LED Floodlights

## ASA Series

### 50W

<b>CODE</b>	OE-ASAFL50	<b>LED</b>	Epistar COB
<b>WATTAGE</b>	50W	<b>REFLECTOR</b>	Polished Aluminium
<b>LUMENS</b>	4500lm	<b>INPUT VOLTAGE</b>	85-240V AC 50/60Hz
<b>LUMINOUS EFFICIENCY</b>	90lm/W	<b>COLOUR TEMP</b>	6000K
<b>IP RATING</b>	IP65	<b>CRI</b>	>80
<b>BEAM ANGLE</b>	120°	<b>SIZE</b>	194 x 253 x 95mm
<b>CABLE</b>	1m 3-core pre-wired with IP65 cable gland	<b>ALTERNATIVE TO ENERGY SAVING</b>	>150W SON/Metal Halide 90%



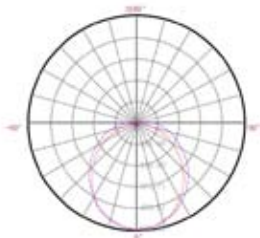
### 70W

<b>CODE</b>	OE-ASAFL70	<b>LED</b>	Epistar COB
<b>WATTAGE</b>	70W	<b>REFLECTOR</b>	Polished Aluminium
<b>LUMENS</b>	6300lm	<b>INPUT VOLTAGE</b>	85-240V AC 50/60Hz
<b>LUMINOUS EFFICIENCY</b>	90lm/W	<b>COLOUR TEMP</b>	6000K
<b>IP RATING</b>	IP65	<b>CRI</b>	>80
<b>BEAM ANGLE</b>	120°	<b>SIZE</b>	250 x 250 x 115mm
<b>CABLE</b>	1m 3-core pre-wired with IP65 cable gland	<b>ALTERNATIVE TO ENERGY SAVING</b>	>250W SON/Metal Halide 90%

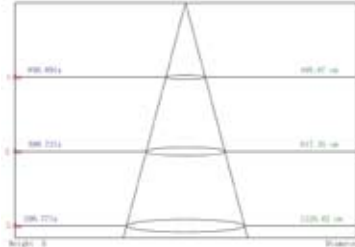


#### 50W Photometric Data

##### ILLUMINATION INTENSITY CHART

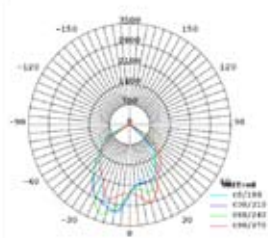


##### LIGHT DISTRIBUTION CHART

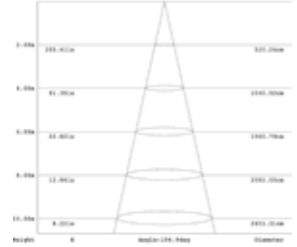


#### 70W Photometric Data

##### ILLUMINATION INTENSITY CHART



##### LIGHT DISTRIBUTION CHART





# LED Floodlights

## ASA Series

### 100W

<b>CODE</b>	OE-ASAFL100	<b>LED</b>	Epistar COB
<b>WATTAGE</b>	100W	<b>REFLECTOR</b>	Polished Aluminium
<b>LUMENS</b>	9000lm	<b>INPUT VOLTAGE</b>	85-240V AC 50/60Hz
<b>LUMINOUS EFFICIENCY</b>	90lm/W	<b>COLOUR TEMP</b>	6000K
<b>IP RATING</b>	IP65	<b>CRI</b>	>80
<b>BEAM ANGLE</b>	120°	<b>SIZE</b>	300 x 250 x 120mm
<b>CABLE</b>	1m 3-core pre-wired with IP65 cable gland	<b>ALTERNATIVE TO ENERGY SAVING</b>	>300W SON/Metal Halide 90%



### 200W

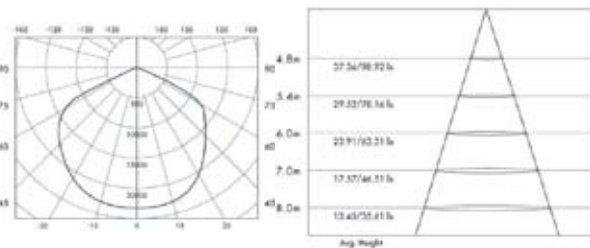
<b>CODE</b>	OE-ASAFL200	<b>LED</b>	Epistar COB
<b>WATTAGE</b>	200W	<b>REFLECTOR</b>	Polished Aluminium
<b>LUMENS</b>	18,000lm	<b>INPUT VOLTAGE</b>	85-240V AC 50/60Hz
<b>LUMINOUS EFFICIENCY</b>	90lm/W	<b>COLOUR TEMP</b>	6000K
<b>IP RATING</b>	IP65	<b>CRI</b>	>80
<b>BEAM ANGLE</b>	120°	<b>SIZE</b>	300 x 250 x 120mm
<b>CABLE</b>	1m 3-core pre-wired with IP65 cable gland	<b>ALTERNATIVE TO ENERGY SAVING</b>	>400W SON/Metal Halide 90%



#### 100W Photometric Data

ILLUMINATION INTENSITY CHART

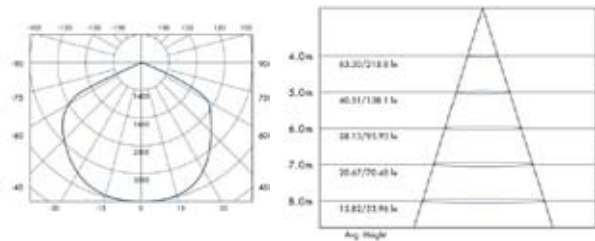
LIGHT DISTRIBUTION CHART



#### 200W Photometric Data

ILLUMINATION INTENSITY CHART

LIGHT DISTRIBUTION CHART



## Case Studies

### Application; Hotel

We are particularly pleased with the light output of our new LED lighting, and are looking forward to the substantial electricity cost savings we are going to enjoy. We are of course also delighted to play our part in reducing carbon emissions and helping the environment.

Eloic Montagnier, General Manager, The Mere Court Hotel



### Application; Archeological Site

The level of light given and the lack of heat meant that these are the perfect lamp for our use, we are currently working some 80 feet underground in damp chalk geology and it has always been a problem with the halogen type blowing after not many hours of use... Once again, congratulations on such a great product!!

Colin Lukacs-Winn, Military historian and researcher,



### Application; Numerous Military Barracks

One Electrical were the specified brand to be used for the nationwide project. Based on quality, stock availability and price, One LED were the preferred choice. Over a 6 month period One LED supplied in excess of 7,000 units across the locations, and this significant overhaul achieved the huge energy savings & carbon footprint reduction, the client had requested.



Full LED Product Range available, including;



Your nearest stockist is;

*Add company stamp here*

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