



**ECO  
LIGHT**  
INDUSTRIAL LED

**200W  
INDUSTRIAL  
LED LIGHT**

**LEDIL27-200AC • LEDIL29-200AC**

The 200W Industrial High Bay is the most powerful High Bay LED light in the range. It provides excellent value, extremely durable, high quality lighting.

There are two beam angles available: the wide angle light is used in high roof industrial plants, while the narrow angle is used for tower lighting.

**FEATURES**

- Uniform light distribution
- Dimmable
- Multiple beam angles
- Instant start up
- Lower lens temperature, reduces dust build up

**TECHNICAL SPECIFICATIONS**

<b>Stock Code</b>	<b>LEDIL2X-200AC</b>
Total Power	220W
LED Power	200W
Lumens	20,000lm
LED Lumen Output	100lm/W
Fixture Lumen Output	80-92lm/W
LED Chip Brand	Epistar / LM80 Citizen
LED Lighting Efficiency	100-110lm/W
Colour Temperature	5700K
Colour Rendering Index	>70
IP Rating	IP65
Life Span	>50,000 hours
Operating Temperature	-30°C to +45°C
Maximum Surface Temperature at 25°C Ambient	<60°C
Weight	17kg
Dimensions	529mm Dia x 319mm
Dimmable	Available
Power Factor	>0.95
Input Voltage Rating	AC: 85~265V
Powder Coating Colour	Black / White
Powder Coating Min Thickness	0.03mm
Housing Material	Aluminium
Housing Properties	102
Fastening Material	316 Stainless Steel
Power Cable	3m power and dimming cable

NOTE: 24V DV powered options available on special order  
Not available with Polycarbonate lens.

SDOC is available on our website



CAT NO.	Beam Angle (Degrees)	Colour Temperature	LED Power
LEDIL27-200AC	100°	5700K	200W
LEDIL28-200AC*	65°	5700K	200W
LEDIL29-200AC	40°	5700K	200W

\*LEDIL28-200 available on special request

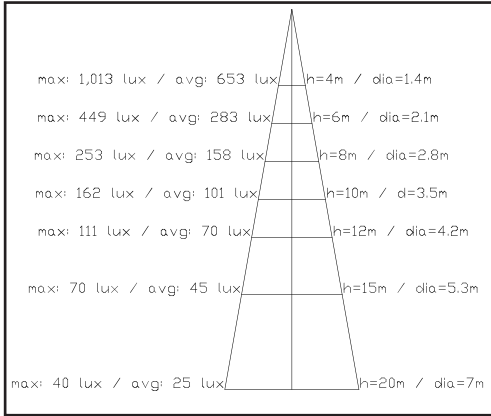
\*\*2700K Warm white available on special request



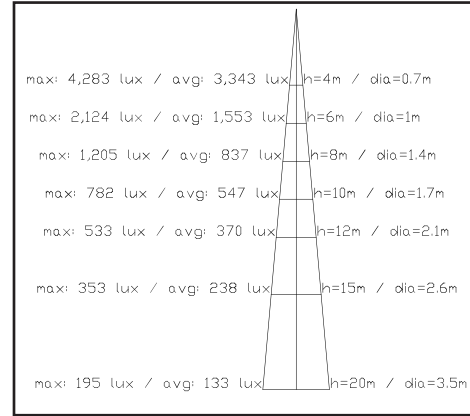
[www.ecolight.co.nz](http://www.ecolight.co.nz)

**PHOTOMETRICS**

**BEAM ANGLE**

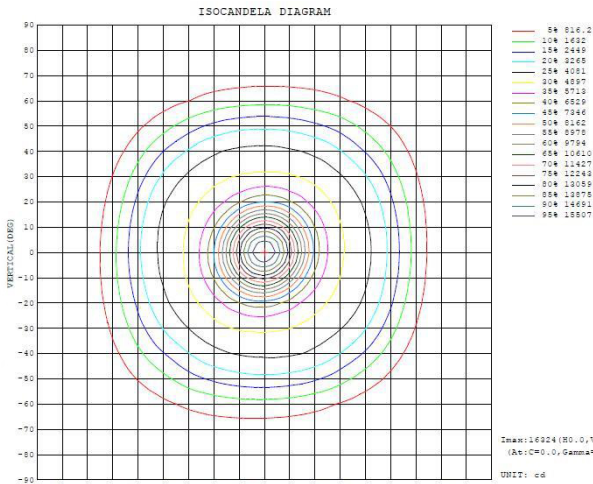


**LEDIL27-200AC**

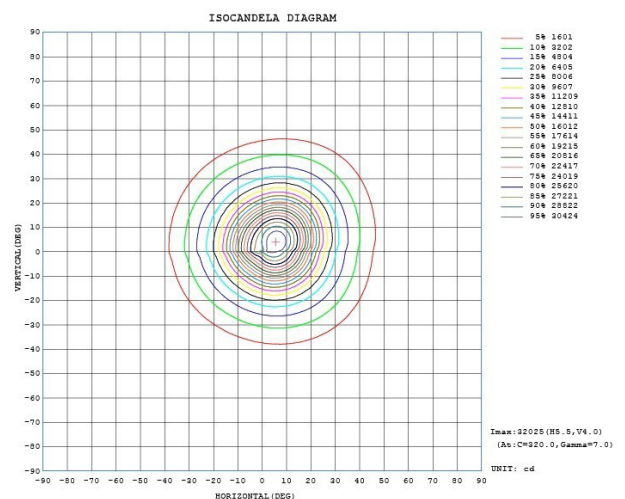


**LEDIL29-200AC**

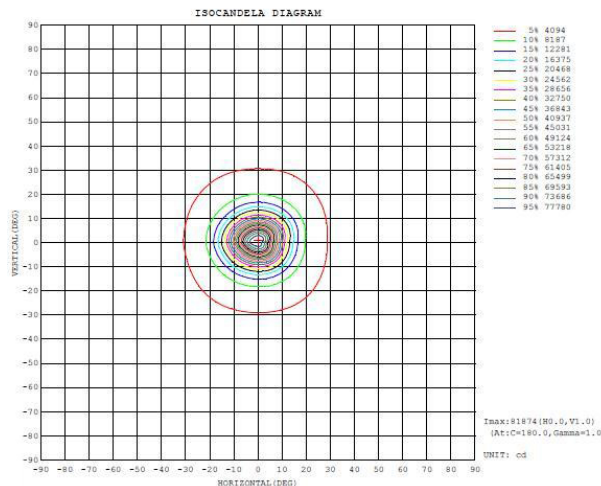
**ISOLUX PLOT**



**LEDIL27-200AC**



**LEDIL28-200AC**



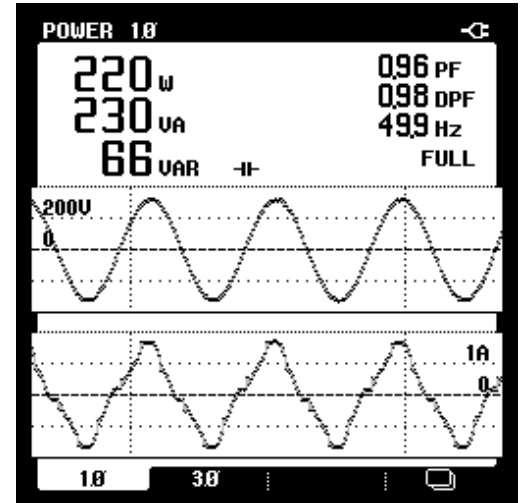
**LEDIL29-200AC**

20 Neilpark Drive  
 East Tamaki  
 Auckland.  
 NEW ZEALAND  
 phone: 64 9 272 5619

## INRUSH CURRENT

Two Stages:

1. Most severe and approximate at 12A peak current for no more than 8ms
2. Approx 900ms after 1st inrush peak with peak current of 3.8A for less than 8ms



## Dimming LED Lights

### Power [W]

LEDIL29-200AC	LEDIL27-200AC	LEDIL27-200ACWW
228	228	222
213	213	207
198	198	193
184	184	181
170	170	166
158	158	153
144	144	140
131	131	127
118	118	114
106	106	101
93	93	90

### Power [%]

LEDIL29-200AC	LEDIL27-200AC	LEDIL27-200ACWW
100%	100%	100%
93%	93%	93%
87%	87%	87%
81%	81%	82%
75%	75%	75%
69%	69%	69%
63%	63%	63%
57%	57%	57%
52%	52%	51%
46%	46%	45%
41%	41%	41%

