



# Specifications for Modulight LED 200W AC

## Features

- Fully designed and manufactured in South Africa
- No surge startup current
- High power factor
- Simple installation
- No electrolytic capacitors used in driver circuit
- Built in surge protection
- Built in thermal overload protection
- Optional optics available
  - Spot
  - HighBay
  - Low Bay
  - Rack Pack
  - Street Lighting
  - Flood Lights



## Specifications

### Electrical Specifications

Nominal Input Voltage:	190VAC - 260VAC
Power Input	192Watts
Power Factor	>0.97
Current @ 230VAC	0.88Amps
Current @ StartUp	0.88Amps
Output LED power	172Watts
Power Supply Efficiency	89%

### Protection

Energy (10/1000uS):	389J
Peak Surge Current @ 8/20µS:	8Ka
Thermal Overload Protection	Thermal cut out reset
EMC EMISSION	Compliance to EN55015, EN61000-3-2 Class C ( 60% load) ; EN61000-3-3
EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; EN61547, EN55024, light industry level(- surge 2KV), criteria A

### Operating conditions

Operating temperature (Ta):	-40°C to +50°C
IP Rating	IP67

### Light Performance

Lumens	21600 lumnes
CRI Index	75
LED Colour	Neutral White, 4700K , X = 0.31, Y = 0.32

### Construction

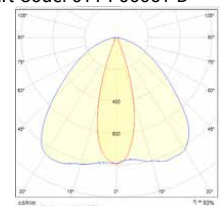
Materials	Aluminium 6063 T6, PMMA cover Brackets mild steel zinc plated
Length, Height, Width	639mm, 146mm, 243mm

## Photometric Data

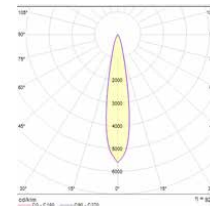
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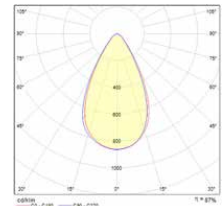
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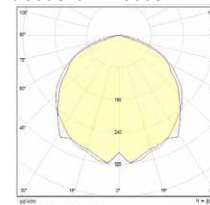
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Part Code: 0114-00051-C



Part Code: 0114-00051-E



Part Code: 0114-00051-A

