



# Product Description

## PAR38

Pressed-glass 121 mm diameter reflector lamps of high luminous intensity

### Benefits

- Produces the same useful light as conventional PAR lamps at 20% lower energy

### Features

- Spot versions have a stippled front reflector producing a narrow, homogeneous beam
- Flood versions have a front refractor composed of prismatic elements

### Application

- Can be used indoors and outdoors, or wherever blown-bulb reflector lamps would be too vulnerable
- Indoors: shops, window displays, homes, hotels, restaurants, theatres, museums, exhibitions and buildings
- Outdoors: floodlighting, advertising signs, buildings, statues, podiums, sports grounds, parks and gardens
- Can be installed outdoors without any protection, provided they are used in a watertight lampholder
- For outdoor use, a heat-resistant rubber ring must be fitted between the lamp and the lampholder

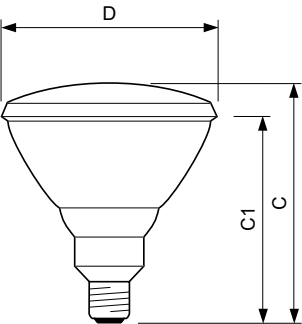
PAR38

Versions



LPPR IPAR38-E E27 E2751 SP

Dimensional drawing



| General Information      |               |
|--------------------------|---------------|
| Rated Lifetime (Hours)   | 2.000 hour(s) |
| Nominal lifetime         | 2.000 hour(s) |
| Operating Position       | UNIVERSAL     |
| Operating and Electrical |               |
| Starting Time (Nom)      | 0.0 s         |
| Mechanical and Housing   |               |
| Bulb Shape               | PAR38         |

General Information

| Order Code   | Full Product Name                        | Switching |       |
|--------------|------------------------------------------|-----------|-------|
|              |                                          | Cap-Base  | Cycle |
| 923822334481 | PAR38 120W E27 115V SP 1CT/12            | E27/51    | -     |
| 923810020511 | PAR38 120W E27 24V SP 10D 1CT/12         | E27       | 8,000 |
| 923810244214 | PAR38 80W E27 230V PAR38 Spot 12D 1CT/12 | E27       | 8,000 |
| 923810544296 | PAR38 80W E27 230V PAR38 FL 30D 1CT/12   | E27       | 8,000 |

| Product                                  | D      | C (max) | C1     |
|------------------------------------------|--------|---------|--------|
| PAR38 120W E27 115V SP 1CT/12            | 121 mm | 134 mm  |        |
| PAR38 120W E27 240V FL 1CT/6             | 121 mm | 137 mm  | 123 mm |
| PAR38 120W E27 24V SP 10D 1CT/12         | 123 mm | 137 mm  | 123 mm |
| PAR38 120W E27/51 220-240V PAR38 12D 1CT | 121 mm | 137 mm  | 123 mm |
| PAR38 120W E27/51 220-240V PAR38 30D 1CT | 121 mm | 137 mm  | 123 mm |
| PAR38 80W E27 230V PAR38 FL 30D 1CT/12   | 123 mm | 137 mm  |        |
| PAR38 80W E27 230V PAR38 Spot 12D 1CT/12 | 123 mm | 137 mm  |        |

| Order Code   | Full Product Name                        | Switching |       |
|--------------|------------------------------------------|-----------|-------|
|              |                                          | Cap-Base  | Cycle |
| 923815343301 | PAR38 120W E27/51 220-240V PAR38 12D 1CT | E27/51    | -     |
| 923815643301 | PAR38 120W E27/51 220-240V PAR38 30D 1CT | E27/51    | -     |
| 923815645594 | PAR38 120W E27 240V FL 1CT/6             | E27/51    | -     |

Light Technical

# PAR38

|              |                                          | Beam         | Correlated  | Color     |          |
|--------------|------------------------------------------|--------------|-------------|-----------|----------|
|              | Full Product                             | Angle        | Color       | rendering |          |
| Order Code   | Name                                     | (Nom)        | Temperature | index     | Luminous |
|              |                                          | (Nom)        | (Nom)       | (CRI)     | Flux     |
| 923822334481 | PAR38 120W E27 115V SP 1CT/12            | 12 degree(s) | 2700 K      | -         | -        |
| 923810020511 | PAR38 120W E27 24V SP 10D 1CT/12         | 10 degree(s) | 2700 K      | 100       | -        |
| 923810244214 | PAR38 80W E27 230V PAR38 Spot 12D 1CT/12 | 12 degree(s) | 2700 K      | 100       | -        |
| 923810544296 | PAR38 80W E27 230V PAR38 FL 30D 1CT/12   | 30 degree(s) | 2700 K      | 100       | -        |

|              |                                          | Beam         | Correlated  | Color     |          |
|--------------|------------------------------------------|--------------|-------------|-----------|----------|
|              | Full Product                             | Angle        | Color       | rendering |          |
| Order Code   | Name                                     | (Nom)        | Temperature | index     | Luminous |
|              |                                          | (Nom)        | (Nom)       | (CRI)     | Flux     |
| 923815343301 | PAR38 120W E27/51 220-240V PAR38 12D 1CT | 12 degree(s) | -           | 100       | 1,150 lm |
| 923815643301 | PAR38 120W E27/51 220-240V PAR38 30D 1CT | 30 degree(s) | -           | 100       | 1,150 lm |
| 923815645594 | PAR38 120W E27 240V FL 1CT/6             | 30 degree(s) | -           | 100       | 1,150 lm |

## Operating and Electrical

|              |                                          | Warm-up              |               |                   |
|--------------|------------------------------------------|----------------------|---------------|-------------------|
|              | Full Product Name                        | time to 60% light    | Voltage (Nom) | Power Consumption |
| 923822334481 | PAR38 120W E27 115V SP 1CT/12            | -                    | 115 V         | 120 W             |
| 923810020511 | PAR38 120W E27 24V SP 10D 1CT/12         | instant full light s | 24 V          | 120.0 W           |
| 923810244214 | PAR38 80W E27 230V PAR38 Spot 12D 1CT/12 | instant full light s | 230 V         | 80.0 W            |
| 923810544296 | PAR38 80W E27 230V PAR38 FL 30D 1CT/12   | instant full light s | 230 V         | 80.0 W            |

|              |                                          | Warm-up           |               |                   |
|--------------|------------------------------------------|-------------------|---------------|-------------------|
| Order Code   | Full Product Name                        | time to 60% light | Voltage (Nom) | Power Consumption |
| 923815343301 | PAR38 120W E27/51 220-240V PAR38 12D 1CT | -                 | 220-240 V     | 120 W             |
| 923815643301 | PAR38 120W E27/51 220-240V PAR38 30D 1CT | -                 | 220-240 V     | 120 W             |
| 923815645594 | PAR38 120W E27 240V FL 1CT/6             | -                 | 220-240 V     | 120 W             |

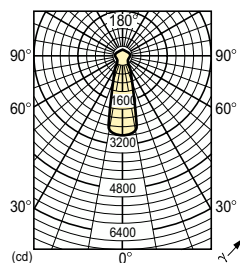
## Controls and Dimming

| Order Code   | Full Product Name                        | Dimmable |
|--------------|------------------------------------------|----------|
| 923822334481 | PAR38 120W E27 115V SP 1CT/12            | -        |
| 923810020511 | PAR38 120W E27 24V SP 10D 1CT/12         | Yes      |
| 923810244214 | PAR38 80W E27 230V PAR38 Spot 12D 1CT/12 | Yes      |
| 923810544296 | PAR38 80W E27 230V PAR38 FL 30D 1CT/12   | Yes      |

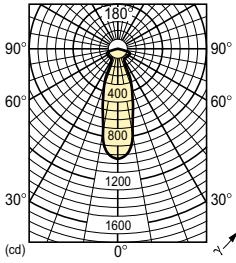
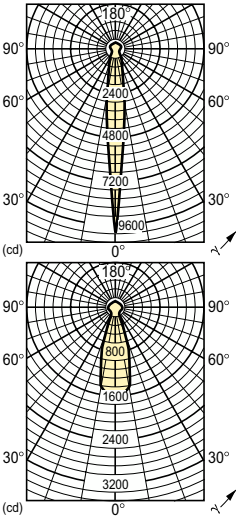
| Order Code   | Full Product Name                        | Dimmable |
|--------------|------------------------------------------|----------|
| 923815343301 | PAR38 120W E27/51 220-240V PAR38 12D 1CT | -        |
| 923815643301 | PAR38 120W E27/51 220-240V PAR38 30D 1CT | -        |
| 923815645594 | PAR38 120W E27 240V FL 1CT/6             | -        |

## Approval and Application

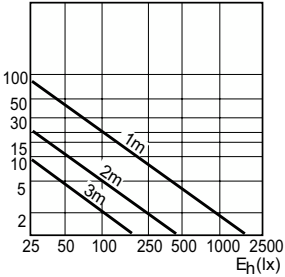
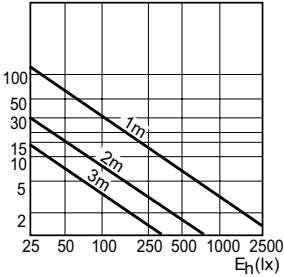
|              |                                          | Energy Consumption |
|--------------|------------------------------------------|--------------------|
| Order Code   | Full Product Name                        | kWh/1000 h         |
| 923822334481 | PAR38 120W E27 115V SP 1CT/12            | -                  |
| 923810020511 | PAR38 120W E27 24V SP 10D 1CT/12         | 127 kWh            |
| 923810244214 | PAR38 80W E27 230V PAR38 Spot 12D 1CT/12 | 80 kWh             |
| 923810544296 | PAR38 80W E27 230V PAR38 FL 30D 1CT/12   | 80 kWh             |
| 923815343301 | PAR38 120W E27/51 220-240V PAR38 12D 1CT | -                  |
| 923815643301 | PAR38 120W E27/51 220-240V PAR38 30D 1CT | -                  |
| 923815645594 | PAR38 120W E27 240V FL 1CT/6             | -                  |



PAR38



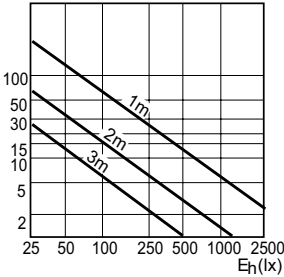
Accent Diagrams



Accent Diagram - PAR38 120W E27/51  
220-240V PAR38 30D 1CT

Accent Diagram - PAR38 120W E27/51  
220-240V PAR38 12D 1CT

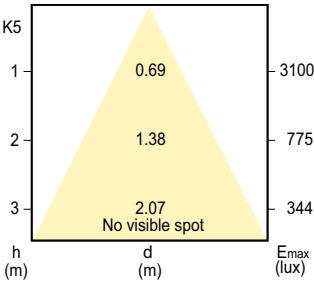
Accent Diagram - PAR38 80W E27 230V PAR38  
FL 30D 1CT/12



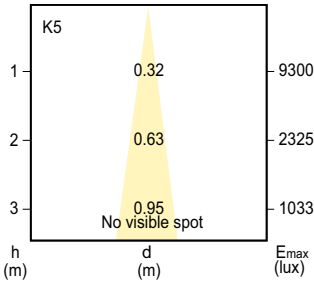
Accent Diagram - PAR38 80W E27 230V PAR38  
Spot 12D 1CT/12

PAR38

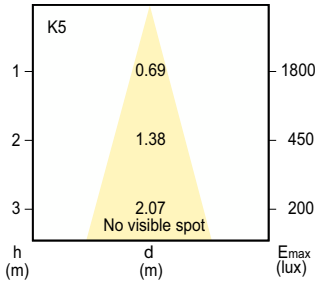
Beam Diagrams



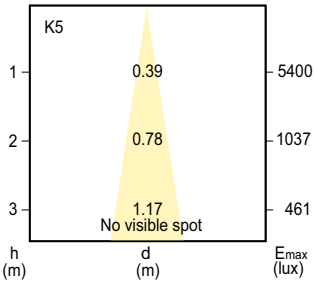
Beam diagram - PAR38 120W E27/51 220-240V  
PAR38 30D 1CT



Beam diagram - PAR38 120W E27/51 220-240V  
PAR38 12D 1CT



Beam diagram - PAR38 80W E27 230V PAR38  
FL 30D 1CT/12



Beam diagram - PAR38 80W E27 230V PAR38  
Spot 12D 1CT/12

