



# Bring out the beauty in merchandise with brighter, high performance lighting

## MASTER LEDspot PAR High Lumen

Philips High Lumen PAR30L integrates a leading COB LED light source and a compact high efficiency driver into a traditional CDM PAR30L form-factor. It brings out the beauty in merchandise with brighter, high performance lighting. Additionally, the lamp features an over temperature protection (OTP) to ensure a long operating life time.

### Benefits

- Lower initial investment for LED CDM replacement PAR30
- Up to 43% energy saving compared to standard CDM lamps
- High efficiency solution >100lm/W

### Features

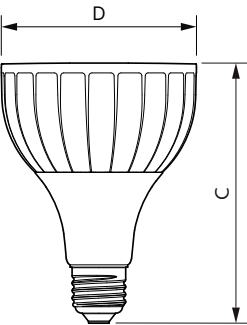
- Easy retrofit to CDM PAR30L lamps with E27 base
- Emits virtually no heat and will not fade colors
- Lifetime of 25,000 hours
- UV- and IR-free light
- Free of mercury and hazardous materials – RoHS Compliant

### Application

- Shops, hotels, restaurants, museums

MASTER LEDspot PAR High Lumen

Dimensional drawing



| Product                                | D       | C      |
|----------------------------------------|---------|--------|
| Master LED PAR30L 20W 15D 830          | 95.5 mm | 129 mm |
| Master LED PAR30L 20W 15D 830 CN       | 95.5 mm | 129 mm |
| Master LED PAR30L 20W 15D 840 CN       | 95.5 mm | 129 mm |
| Master LED PAR30L 20W 30D 830          | 95.5 mm | 129 mm |
| Master LED PAR30L 20W 30D 830 CN       | 95.5 mm | 129 mm |
| Master LED PAR30L 20W 30D 840          | 95.5 mm | 129 mm |
| Master LED PAR30L 20W 30D 840 CN       | 95.5 mm | 129 mm |
| Master LED PAR30L 28W 15D 830 100-277V | 95.5 mm | 129 mm |
| Master LED PAR30L 28W 30D 830 100-277V | 95.5 mm | 129 mm |
| Master LED PAR30L 32W 15D 830 CN       | 95.5 mm | 129 mm |
| Master LED PAR30L 32W 15D 840 CN       | 95.5 mm | 129 mm |
| Master LED PAR30L 32W 15D 860 CN       | 95.5 mm | 129 mm |
| Master LED PAR30L 32W 30D 830          | 95.5 mm | 129 mm |
| Master LED PAR30L 32W 30D 830 220V     |         |        |
| Master LED PAR30L 32W 30D 830 CN       | 95.5 mm | 129 mm |
| Master LED PAR30L 32W 30D 840          | 95.5 mm | 129 mm |
| Master LED PAR30L 32W 30D 840 220V     |         |        |
| Master LED PAR30L 32W 30D 840 CN       | 95.5 mm | 129 mm |
| Master LED PAR30L 32W 30D 857          | 95.5 mm | 129 mm |
| Master LED PAR30L 32W 30D 860 CN       | 95.5 mm | 129 mm |
| Master LED PAR30L 40W 30D 830 CN       | 95.5 mm | 129 mm |
| Master LED PAR30L 40W 30D 840 CN       | 95.5 mm | 129 mm |

| General Information                   |                |
|---------------------------------------|----------------|
| Cap-Base                              | E27            |
| Switching Cycle                       | 50,000         |
| Nominal lifetime                      | 25,000 hour(s) |
| Light Technical                       |                |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %           |
| Operating and Electrical              |                |
| Input Frequency                       | 50 to 60 Hz    |
| Starting Time (Nom)                   | 0.5 s          |
| Controls and Dimming                  |                |
| Dimmable                              | No             |
| Mechanical and Housing                |                |
| Bulb Shape                            | PAR30L         |

Light Technical (1/2)

| Order Code   | Full Product Name                | Beam Angle (Nom) | Correlated Color  | Color rendering index (CRI) | Color Code |
|--------------|----------------------------------|------------------|-------------------|-----------------------------|------------|
|              |                                  |                  | Temperature (Nom) |                             |            |
| 929001353808 | Master LED PAR30L 20W 15D 830    | 15 degree(s)     | 3000 K            | 82                          | 830        |
| 929001353810 | Master LED PAR30L 20W 15D 830 CN | 15 degree(s)     | 3000 K            | 82                          | 830        |
| 929001353910 | Master LED PAR30L 20W 15D 840 CN | 15 degree(s)     | 4000 K            | 82                          | 840        |
| 929001354008 | Master LED PAR30L 20W 30D 830    | 30 degree(s)     | 3000 K            | 82                          | 830        |
| 929001354010 | Master LED PAR30L 20W 30D 830 CN | 30 degree(s)     | 3000 K            | 82                          | 830        |
| 929001354108 | Master LED PAR30L 20W 30D 840    | 30 degree(s)     | 4000 K            | 82                          | 840        |
| 929001354110 | Master LED PAR30L 20W 30D 840 CN | 30 degree(s)     | 4000 K            | 82                          | 840        |
| 929001354310 | Master LED PAR30L 32W 15D 830 CN | 15 degree(s)     | 3000 K            | 82                          | 830        |
| 929001354410 | Master LED PAR30L 32W 15D 840 CN | 15 degree(s)     | 4000 K            | 82                          | 840        |
| 929001354510 | Master LED PAR30L 32W 15D 860 CN | 15 degree(s)     | 6000 K            | 82                          | 860        |

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| Order Code   | Full Product Name                      | Beam Angle<br>(Nom) | Correlated Color     | Color                    | Color<br>Code |
|--------------|----------------------------------------|---------------------|----------------------|--------------------------|---------------|
|              |                                        |                     | Temperature<br>(Nom) | rendering<br>index (CRI) |               |
| 929001354708 | Master LED PAR30L 32W 30D 830          | 30 degree(s)        | 3000 K               | 82                       | 830           |
| 929001354710 | Master LED PAR30L 32W 30D 830 CN       | 30 degree(s)        | 3000 K               | 82                       | 830           |
| 929001354722 | Master LED PAR30L 32W 30D 830 220V     | 30 degree(s)        | 3000 K               | 80                       | 830           |
| 929001354808 | Master LED PAR30L 32W 30D 840          | 30 degree(s)        | 4000 K               | 82                       | 840           |
| 929001354810 | Master LED PAR30L 32W 30D 840 CN       | 30 degree(s)        | 4000 K               | 82                       | 840           |
| 929001354822 | Master LED PAR30L 32W 30D 840 220V     | 30 degree(s)        | 4000 K               | 80                       | 840           |
| 929001354908 | Master LED PAR30L 32W 30D 857          | 30 degree(s)        | 5700 K               | 82                       | 857           |
| 929001354910 | Master LED PAR30L 32W 30D 860 CN       | 30 degree(s)        | 6000 K               | 82                       | 860           |
| 929001374810 | Master LED PAR30L 40W 30D 830 CN       | 30 degree(s)        | 3000 K               | 82                       | 830           |
| 929001374910 | Master LED PAR30L 40W 30D 840 CN       | 30 degree(s)        | 4000 K               | 82                       | 840           |
| 929001941912 | Master LED PAR30L 28W 15D 830 100-277V | 15 degree(s)        | 3000 K               | 80                       | 830           |
| 929001942012 | Master LED PAR30L 28W 30D 830 100-277V | 30 degree(s)        | 3000 K               | 80                       | 830           |

Light Technical (2/2)

| Order Code   | Full Product Name                | Luminous      |                 |
|--------------|----------------------------------|---------------|-----------------|
|              |                                  | Luminous Flux | Intensity (Nom) |
| 929001353808 | Master LED PAR30L 20W 15D 830    | 1,800 lm      | 18,000 cd       |
| 929001353810 | Master LED PAR30L 20W 15D 830 CN | 1,800 lm      | 18,000 cd       |
| 929001353910 | Master LED PAR30L 20W 15D 840 CN | 1,850 lm      | -               |
| 929001354008 | Master LED PAR30L 20W 30D 830    | 1,800 lm      | 5,400 cd        |
| 929001354010 | Master LED PAR30L 20W 30D 830 CN | 1,800 lm      | 5,400 cd        |
| 929001354108 | Master LED PAR30L 20W 30D 840    | 1,850 lm      | -               |
| 929001354110 | Master LED PAR30L 20W 30D 840 CN | 1,850 lm      | -               |
| 929001354310 | Master LED PAR30L 32W 15D 830 CN | 3,000 lm      | -               |
| 929001354410 | Master LED PAR30L 32W 15D 840 CN | 3,000 lm      | -               |
| 929001354510 | Master LED PAR30L 32W 15D 860 CN | 3,000 lm      | -               |
| 929001354708 | Master LED PAR30L 32W 30D 830    | 3,000 lm      | -               |
| 929001354710 | Master LED PAR30L 32W 30D 830 CN | 3,000 lm      | -               |

| Order Code   | Full Product Name                      | Luminous      |                 |
|--------------|----------------------------------------|---------------|-----------------|
|              |                                        | Luminous Flux | Intensity (Nom) |
| 929001354722 | Master LED PAR30L 32W 30D 830 220V     | 3,000 lm      | 11,000 cd       |
| 929001354808 | Master LED PAR30L 32W 30D 840          | 3,000 lm      | -               |
| 929001354810 | Master LED PAR30L 32W 30D 840 CN       | 3,000 lm      | -               |
| 929001354822 | Master LED PAR30L 32W 30D 840 220V     | 3,000 lm      | 12,000 cd       |
| 929001354908 | Master LED PAR30L 32W 30D 857          | 3,000 lm      | -               |
| 929001354910 | Master LED PAR30L 32W 30D 860 CN       | 3,000 lm      | -               |
| 929001374810 | Master LED PAR30L 40W 30D 830 CN       | 4,500 lm      | 13,500 cd       |
| 929001374910 | Master LED PAR30L 40W 30D 840 CN       | 4,600 lm      | 14,000 cd       |
| 929001941912 | Master LED PAR30L 28W 15D 830 100-277V | 3,000 lm      | 27,000 cd       |
| 929001942012 | Master LED PAR30L 28W 30D 830 100-277V | 3,000 lm      | 9,600 cd        |

Operating and Electrical

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| Order Code   | Full Product Name                | Line Frequency | Power       | Wattage    |
|--------------|----------------------------------|----------------|-------------|------------|
|              |                                  |                | Consumption | Equivalent |
| 929001353808 | Master LED PAR30L 20W 15D 830    | 50 to 60 Hz    | 20 W        | 35 W       |
| 929001353810 | Master LED PAR30L 20W 15D 830 CN | 50 to 60 Hz    | 20 W        | 35 W       |
| 929001353910 | Master LED PAR30L 20W 15D 840 CN | 50 to 60 Hz    | 20 W        | 35 W       |
| 929001354008 | Master LED PAR30L 20W 30D 830    | 50 to 60 Hz    | 20 W        | 35 W       |
| 929001354010 | Master LED PAR30L 20W 30D 830 CN | 50 to 60 Hz    | 20 W        | 35 W       |
| 929001354108 | Master LED PAR30L 20W 30D 840    | 50 to 60 Hz    | 20 W        | 35 W       |
| 929001354110 | Master LED PAR30L 20W 30D 840 CN | 50 to 60 Hz    | 20 W        | 35 W       |
| 929001354310 | Master LED PAR30L 32W 15D 830 CN | 50 to 60 Hz    | 32 W        | 50 W       |
| 929001354410 | Master LED PAR30L 32W 15D 840 CN | 50 to 60 Hz    | 32 W        | 50 W       |
| 929001354510 | Master LED PAR30L 32W 15D 860 CN | 50 to 60 Hz    | 32 W        | 50 W       |
| 929001354708 | Master LED PAR30L 32W 30D 830    | 50 to 60 Hz    | 32 W        | 50 W       |
| 929001354710 | Master LED PAR30L 32W 30D 830 CN | 50 to 60 Hz    | 32 W        | 50 W       |

| Order Code   | Full Product Name                      | Line Frequency | Power       | Wattage    |
|--------------|----------------------------------------|----------------|-------------|------------|
|              |                                        |                | Consumption | Equivalent |
| 929001354722 | Master LED PAR30L 32W 30D 830 220V     | -              | 32 W        | 50 W       |
| 929001354808 | Master LED PAR30L 32W 30D 840          | 50 to 60 Hz    | 32 W        | 50 W       |
| 929001354810 | Master LED PAR30L 32W 30D 840 CN       | 50 to 60 Hz    | 32 W        | 50 W       |
| 929001354822 | Master LED PAR30L 32W 30D 840 220V     | -              | 32 W        | 50 W       |
| 929001354908 | Master LED PAR30L 32W 30D 857          | 50 to 60 Hz    | 32 W        | 50 W       |
| 929001354910 | Master LED PAR30L 32W 30D 860 CN       | 50 to 60 Hz    | 32 W        | 50 W       |
| 929001374810 | Master LED PAR30L 40W 30D 830 CN       | 50 to 60 Hz    | 40 W        | 70 W       |
| 929001374910 | Master LED PAR30L 40W 30D 840 CN       | 50 to 60 Hz    | 40 W        | 70 W       |
| 929001941912 | Master LED PAR30L 28W 15D 830 100-277V | 50 to 60 Hz    | 28 W        | 50 W       |
| 929001942012 | Master LED PAR30L 28W 30D 830 100-277V | 50 to 60 Hz    | 28 W        | 50 W       |

Temperature

| Order Code   | Full Product Name                | T-Case Maximum (Nom) |
|--------------|----------------------------------|----------------------|
| 929001353808 | Master LED PAR30L 20W 15D 830    | 67 °C                |
| 929001353810 | Master LED PAR30L 20W 15D 830 CN | 67 °C                |
| 929001353910 | Master LED PAR30L 20W 15D 840 CN | 67 °C                |
| 929001354008 | Master LED PAR30L 20W 30D 830    | 67 °C                |
| 929001354010 | Master LED PAR30L 20W 30D 830 CN | 67 °C                |
| 929001354108 | Master LED PAR30L 20W 30D 840    | 67 °C                |
| 929001354110 | Master LED PAR30L 20W 30D 840 CN | 67 °C                |
| 929001354310 | Master LED PAR30L 32W 15D 830 CN | 79 °C                |
| 929001354410 | Master LED PAR30L 32W 15D 840 CN | 79 °C                |
| 929001354510 | Master LED PAR30L 32W 15D 860 CN | 79 °C                |
| 929001354708 | Master LED PAR30L 32W 30D 830    | 79 °C                |

| Order Code   | Full Product Name                      | T-Case Maximum (Nom) |
|--------------|----------------------------------------|----------------------|
| 929001354710 | Master LED PAR30L 32W 30D 830 CN       | 79 °C                |
| 929001354722 | Master LED PAR30L 32W 30D 830 220V     | 80 °C                |
| 929001354808 | Master LED PAR30L 32W 30D 840          | 79 °C                |
| 929001354810 | Master LED PAR30L 32W 30D 840 CN       | 79 °C                |
| 929001354822 | Master LED PAR30L 32W 30D 840 220V     | 80 °C                |
| 929001354908 | Master LED PAR30L 32W 30D 857          | 79 °C                |
| 929001354910 | Master LED PAR30L 32W 30D 860 CN       | 79 °C                |
| 929001374810 | Master LED PAR30L 40W 30D 830 CN       | 90 °C                |
| 929001374910 | Master LED PAR30L 40W 30D 840 CN       | 90 °C                |
| 929001941912 | Master LED PAR30L 28W 15D 830 100-277V | 80 °C                |
| 929001942012 | Master LED PAR30L 28W 30D 830 100-277V | 80 °C                |

Mechanical and Housing

| Order Code   | Full Product Name                | Bulb Finish |
|--------------|----------------------------------|-------------|
| 929001353808 | Master LED PAR30L 20W 15D 830    | -           |
| 929001353810 | Master LED PAR30L 20W 15D 830 CN | -           |
| 929001353910 | Master LED PAR30L 20W 15D 840 CN | -           |
| 929001354008 | Master LED PAR30L 20W 30D 830    | -           |
| 929001354010 | Master LED PAR30L 20W 30D 830 CN | -           |
| 929001354108 | Master LED PAR30L 20W 30D 840    | -           |
| 929001354110 | Master LED PAR30L 20W 30D 840 CN | -           |

| Order Code   | Full Product Name                  | Bulb Finish |
|--------------|------------------------------------|-------------|
| 929001354310 | Master LED PAR30L 32W 15D 830 CN   | -           |
| 929001354410 | Master LED PAR30L 32W 15D 840 CN   | -           |
| 929001354510 | Master LED PAR30L 32W 15D 860 CN   | -           |
| 929001354708 | Master LED PAR30L 32W 30D 830      | -           |
| 929001354710 | Master LED PAR30L 32W 30D 830 CN   | -           |
| 929001354722 | Master LED PAR30L 32W 30D 830 220V | Clear       |
| 929001354808 | Master LED PAR30L 32W 30D 840      | -           |

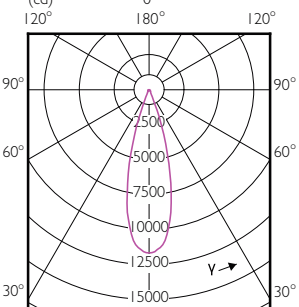
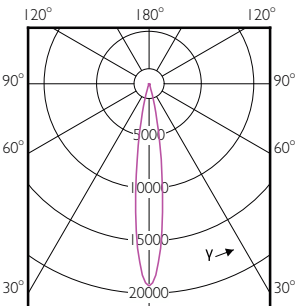
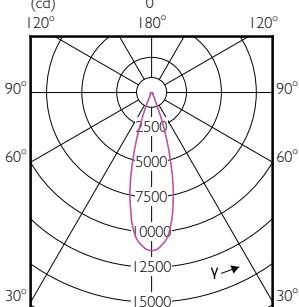
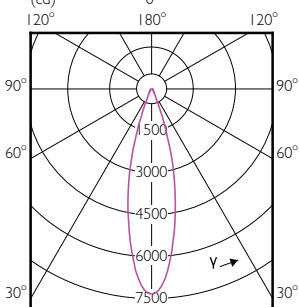
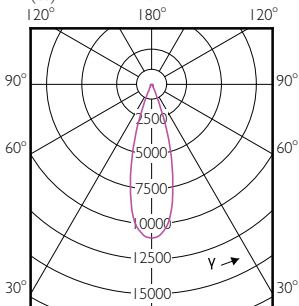
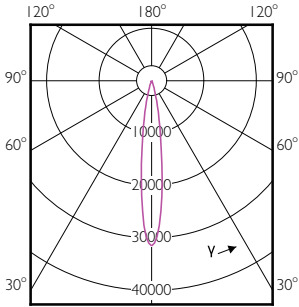
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| Order Code   | Full Product Name                  | Bulb Finish |
|--------------|------------------------------------|-------------|
| 929001354810 | Master LED PAR30L 32W 30D 840 CN   | -           |
| 929001354822 | Master LED PAR30L 32W 30D 840 220V | Clear       |
| 929001354908 | Master LED PAR30L 32W 30D 857      | -           |
| 929001354910 | Master LED PAR30L 32W 30D 860 CN   | -           |

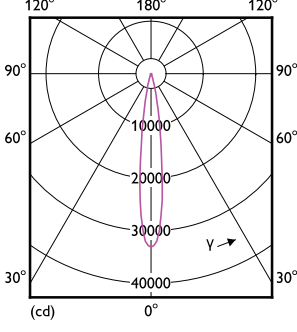
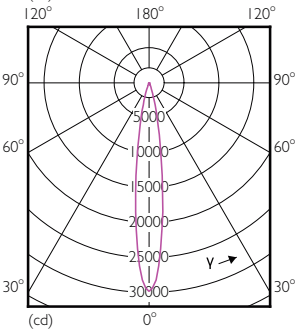
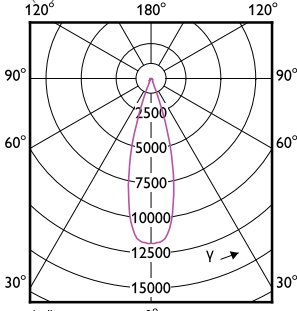
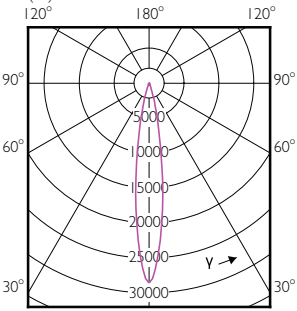
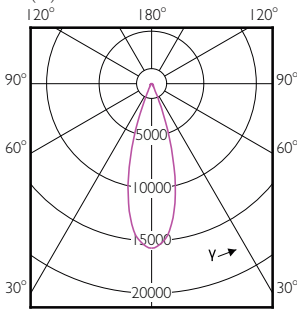
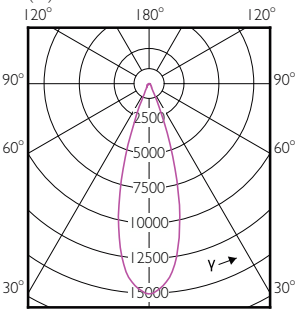
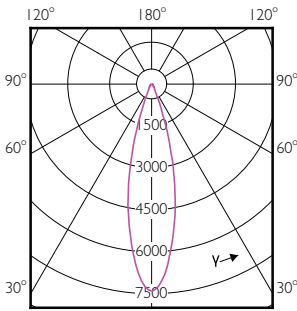
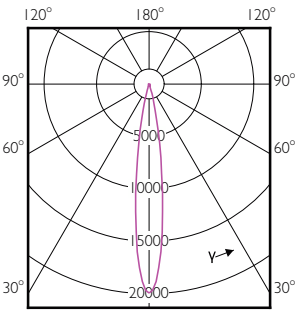
| Order Code   | Full Product Name                      | Bulb Finish |
|--------------|----------------------------------------|-------------|
| 929001374810 | Master LED PAR30L 40W 30D 830 CN       | -           |
| 929001374910 | Master LED PAR30L 40W 30D 840 CN       | -           |
| 929001941912 | Master LED PAR30L 28W 15D 830 100-277V | -           |
| 929001942012 | Master LED PAR30L 28W 30D 830 100-277V | -           |

Approval and Application

| Order Code   | Full Product Name                      | Energy Consumption<br>kWh/1000 h |
|--------------|----------------------------------------|----------------------------------|
| 929001353808 | Master LED PAR30L 20W 15D 830          | 20 kWh                           |
| 929001353810 | Master LED PAR30L 20W 15D 830 CN       | 20 kWh                           |
| 929001353910 | Master LED PAR30L 20W 15D 840 CN       | 20 kWh                           |
| 929001354008 | Master LED PAR30L 20W 30D 830          | 20 kWh                           |
| 929001354010 | Master LED PAR30L 20W 30D 830 CN       | 20 kWh                           |
| 929001354108 | Master LED PAR30L 20W 30D 840          | 20 kWh                           |
| 929001354110 | Master LED PAR30L 20W 30D 840 CN       | 20 kWh                           |
| 929001354310 | Master LED PAR30L 32W 15D 830 CN       | 32 kWh                           |
| 929001354410 | Master LED PAR30L 32W 15D 840 CN       | 32 kWh                           |
| 929001354510 | Master LED PAR30L 32W 15D 860 CN       | 32 kWh                           |
| 929001354708 | Master LED PAR30L 32W 30D 830          | 32 kWh                           |
| 929001354710 | Master LED PAR30L 32W 30D 830 CN       | 32 kWh                           |
| 929001354722 | Master LED PAR30L 32W 30D 830 220V     | -                                |
| 929001354808 | Master LED PAR30L 32W 30D 840          | 32 kWh                           |
| 929001354810 | Master LED PAR30L 32W 30D 840 CN       | 32 kWh                           |
| 929001354822 | Master LED PAR30L 32W 30D 840 220V     | -                                |
| 929001354908 | Master LED PAR30L 32W 30D 857          | 32 kWh                           |
| 929001354910 | Master LED PAR30L 32W 30D 860 CN       | 32 kWh                           |
| 929001374810 | Master LED PAR30L 40W 30D 830 CN       | 40 kWh                           |
| 929001374910 | Master LED PAR30L 40W 30D 840 CN       | 40 kWh                           |
| 929001941912 | Master LED PAR30L 28W 15D 830 100-277V | -                                |
| 929001942012 | Master LED PAR30L 28W 30D 830 100-277V | -                                |

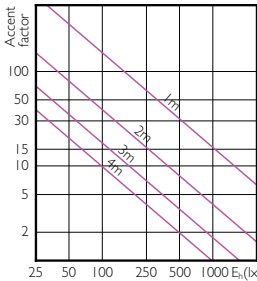


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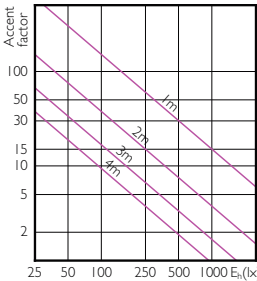


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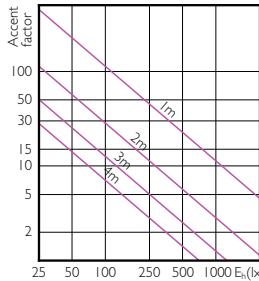
Accent Diagrams



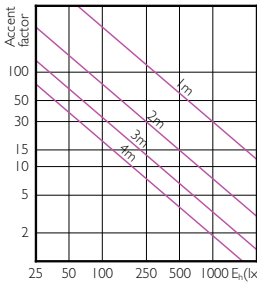
Accent Diagram - Master LED PAR30L 40W 30D 840 CN



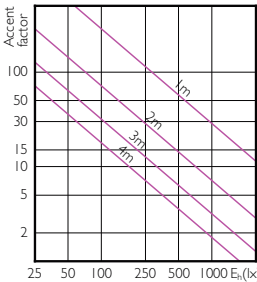
Accent Diagram - Master LED PAR30L 40W 30D 830 CN



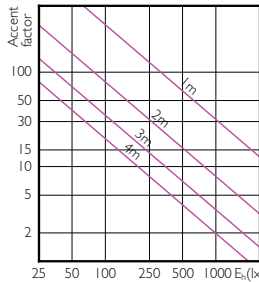
Accent Diagram - Master LED PAR30L 32W 30D 840 CN



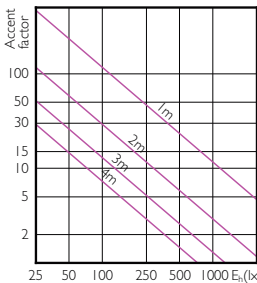
Accent Diagram - Master LED PAR30L 32W 15D 830 CN



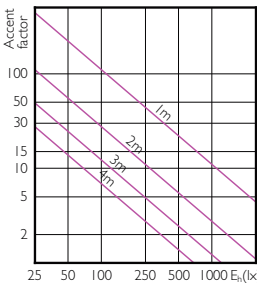
Accent Diagram - Master LED PAR30L 32W 15D 840 CN



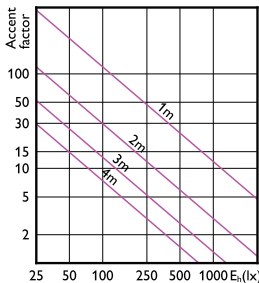
Accent Diagram - Master LED PAR30L 32W 15D 860 CN



Accent Diagram - Master LED PAR30L 32W 30D 830 220V



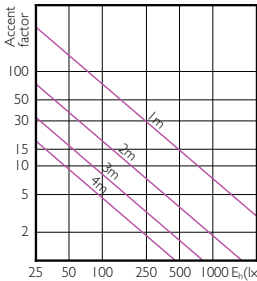
Accent Diagram - Master LED PAR30L 32W 30D 857



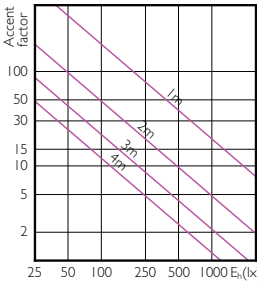
Accent Diagram - Master LED PAR30L 28W 30D 830 100-277V

MASTER LEDspot PAR High Lumen

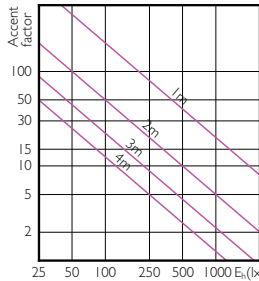
Accent Diagrams



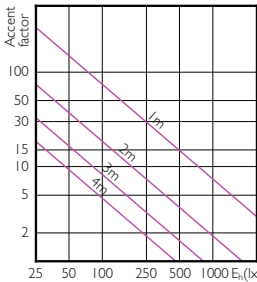
Accent Diagram - Master LED PAR30L 20W 30D 840 CN



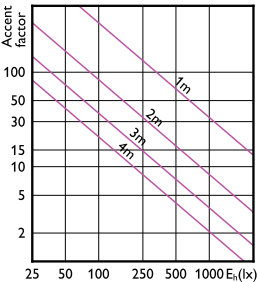
Accent Diagram - Master LED PAR30L 20W 15D 840 CN



Accent Diagram - Master LED PAR30L 20W 15D 830

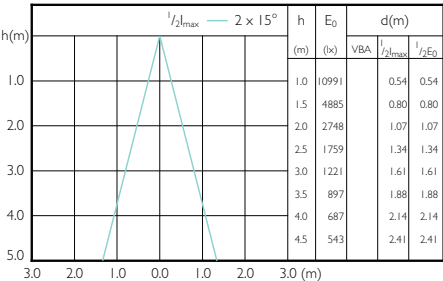


Accent Diagram - Master LED PAR30L 20W 30D 830



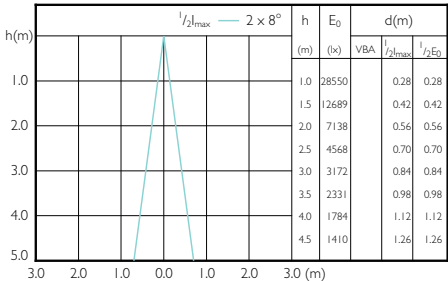
Accent Diagram - Master LED PAR30L 28W 15D 830 100-277V

Beam Diagrams



Beam diagram - Master LED PAR30L 32W 15D 830 CN

Beam diagram - Master LED PAR30L 32W 30D 857

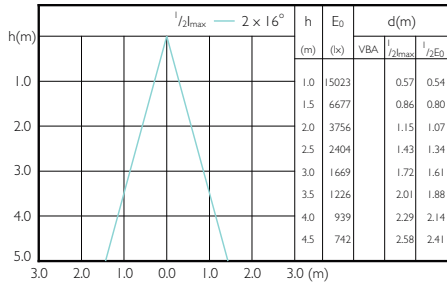


Beam diagram - Master LED PAR30L 32W 15D 840 CN

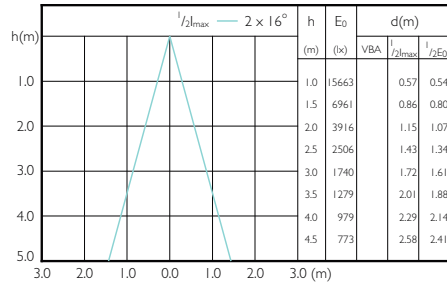


# MASTER LEDspot PAR High Lumen

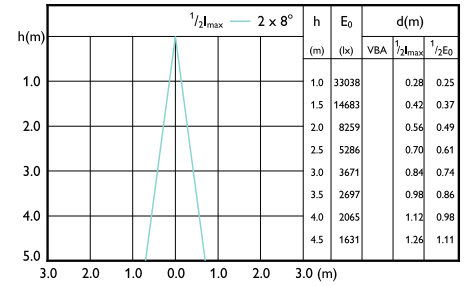
## Beam Diagrams



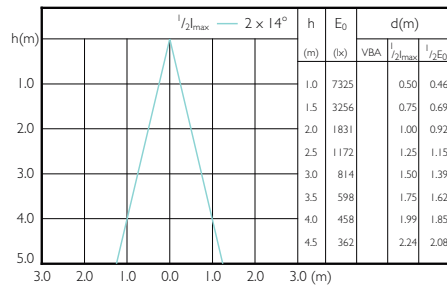
Beam diagram - Master LED PAR30L 40W 30D 830 CN



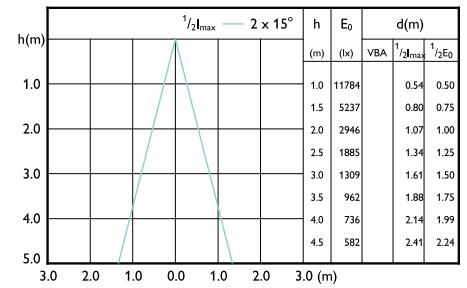
Beam diagram - Master LED PAR30L 40W 30D 840 CN



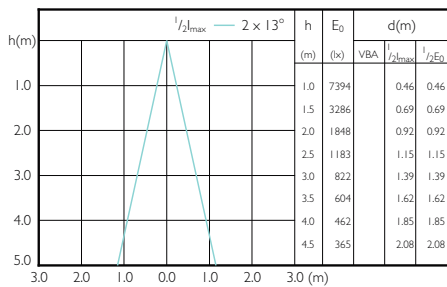
Beam diagram - Master LED PAR30L 28W 15D 830 100-277V



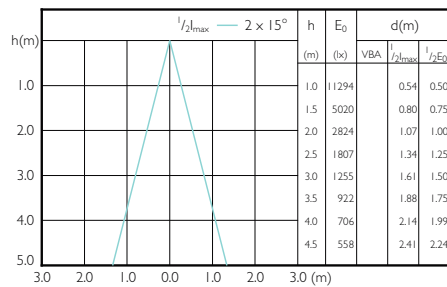
Beam diagram - Master LED PAR30L 20W 15D 840 CN



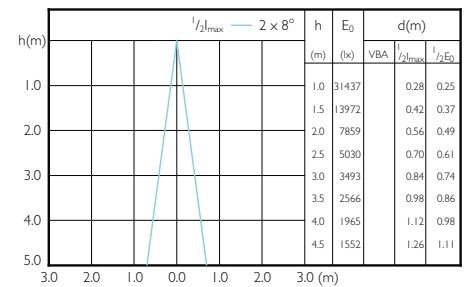
Beam diagram - Master LED PAR30L 28W 30D 830 100-277V



Beam diagram - Master LED PAR30L 20W 30D 830



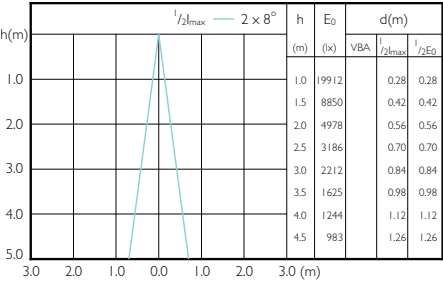
Beam diagram - Master LED PAR30L 32W 30D 840 CN



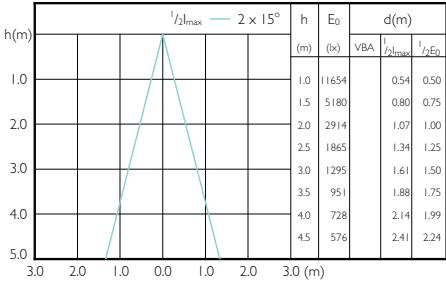
Beam diagram - Master LED PAR30L 32W 15D 860 CN

MASTER LEDspot PAR High Lumen

Beam Diagrams



Beam diagram - Master LED PAR30L 20W 15D 830



Beam diagram - Master LED PAR30L 32W 30D 830 220V

