



# For top performance and sustainability

## MASTER LEDspot ExpertColor MV

MASTER LEDspot ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. They offer superior lighting that has a customized spectrum, high CRI, and deep dimming feature. What's more the innovative, trimless lens design will also suit almost any interior decor with its clean and neat look. In addition, with MASTER LEDspot ExpertColor you can take advantage of the full ExpertColor family, which also includes LEDspot MR16, LEDspot AR111 and LEDspot PAR lamps. MASTER LEDspot ExpertColor delivers huge energy savings and minimizes maintenance costs without any compromise on light quality and lifetime, enabling residential and business owners to achieve a return on their investment within a short time period.

### Benefits

- Create a warm and comfortable ambience with MASTER LED GU10
- Hassle-free retrofit solution for greater energy efficiency and sustainability
- Interior decor, furnishings and fabrics look great

### Features

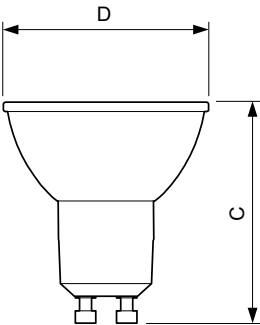
- Customized color spectrum replicates halogen light color
- Best-in-class color realization CRI97, R9>85
- Retrofittable with main-voltage GU10 halogen lamps
- Deep and smooth dimming with broad transformer compatibility

### Application

- Hospitality
- Retail
- Residential

MASTER LEDspot ExpertColor MV

Dimensional drawing



| Product                                  | D     | C     |
|------------------------------------------|-------|-------|
| MAS LED ExpertColor 3.9-35W GU10 927 25D | 50 mm | 54 mm |
| MAS LED ExpertColor 3.9-35W GU10 927 36D | 50 mm | 54 mm |
| MAS LED ExpertColor 3.9-35W GU10 930 25D | 50 mm | 54 mm |
| MAS LED ExpertColor 3.9-35W GU10 930 36D | 50 mm | 54 mm |
| MAS LED ExpertColor 3.9-35W GU10 940 25D | 50 mm | 54 mm |
| MAS LED ExpertColor 3.9-35W GU10 940 36D | 50 mm | 54 mm |
| MAS LED ExpertColor 5.5-50W GU10 927 25D | 50 mm | 54 mm |
| MAS LED ExpertColor 5.5-50W GU10 927 36D | 50 mm | 54 mm |
| MAS LED ExpertColor 5.5-50W GU10 930 25D | 50 mm | 54 mm |
| MAS LED ExpertColor 5.5-50W GU10 930 36D | 50 mm | 54 mm |
| MAS LED ExpertColor 5.5-50W GU10 940 25D | 50 mm | 54 mm |
| MAS LED ExpertColor 5.5-50W GU10 940 36D | 50 mm | 54 mm |

| General Information                   |                            |
|---------------------------------------|----------------------------|
| Cap-Base                              | GU10                       |
| Switching Cycle                       | 50,000                     |
| Nominal lifetime                      | 40,000 hour(s)             |
| Light Technical                       |                            |
| Color rendering index (CRI)           | 97                         |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                       |
| Operating and Electrical              |                            |
| Input Frequency                       | 50 to 60 Hz                |
| Line Frequency                        | 50 to 60 Hz                |
| Starting Time (Nom)                   | 0.5 s                      |
| Temperature                           |                            |
| T-Case Maximum (Nom)                  | 80 °C                      |
| Controls and Dimming                  |                            |
| Dimmable                              | Only with specific dimmers |
| Mechanical and Housing                |                            |
| Bulb Shape                            | PAR16                      |

Light Technical (1/2)

| Order Code | Full Product Name                           | Beam Angle (Nom) | Correlated Color Temperature (Nom) | Color Code | Luminous Flux |
|------------|---------------------------------------------|------------------|------------------------------------|------------|---------------|
| 70749400   | MASTER LED ExpertColor 3.9-35W GU10 927 25D | 25 degree(s)     | 2700 K                             | 927        | 265 lm        |
| 70751700   | MASTER LED ExpertColor 3.9-35W GU10 930 25D | 25 degree(s)     | 3000 K                             | 930        | 280 lm        |
| 70753100   | MASTER LED ExpertColor 3.9-35W GU10 940 25D | 25 degree(s)     | 4000 K                             | 940        | 300 lm        |
| 70755500   | MASTER LED ExpertColor 3.9-35W GU10 927 36D | 36 degree(s)     | 2700 K                             | 927        | 265 lm        |
| 70757900   | MASTER LED ExpertColor 3.9-35W GU10 930 36D | 36 degree(s)     | 3000 K                             | 930        | 280 lm        |
| 70759300   | MASTER LED ExpertColor 3.9-35W GU10 940 36D | 36 degree(s)     | 4000 K                             | 940        | 300 lm        |
| 70761600   | MASTER LED ExpertColor 5.5-50W GU10 927 25D | 25 degree(s)     | 2700 K                             | 927        | 355 lm        |
| 70763000   | MASTER LED ExpertColor 5.5-50W GU10 930 25D | 25 degree(s)     | 3000 K                             | 930        | 375 lm        |
| 70765400   | MASTER LED ExpertColor 5.5-50W GU10 940 25D | 25 degree(s)     | 4000 K                             | 940        | 400 lm        |
| 70767800   | MASTER LED ExpertColor 5.5-50W GU10 927 36D | 36 degree(s)     | 2700 K                             | 927        | 355 lm        |
| 70769200   | MASTER LED ExpertColor 5.5-50W GU10 930 36D | 36 degree(s)     | 3000 K                             | 930        | 375 lm        |
| 70771500   | MASTER LED ExpertColor 5.5-50W GU10 940 36D | 36 degree(s)     | 4000 K                             | 940        | 400 lm        |

Light Technical (2/2)

| Order Code | Full Product Name                           | Luminous Intensity (Nom) |
|------------|---------------------------------------------|--------------------------|
| 70749400   | MASTER LED ExpertColor 3.9-35W GU10 927 25D | 700 cd                   |
| 70751700   | MASTER LED ExpertColor 3.9-35W GU10 930 25D | 750 cd                   |
| 70753100   | MASTER LED ExpertColor 3.9-35W GU10 940 25D | 800 cd                   |

| Order Code | Full Product Name                           | Luminous Intensity (Nom) |
|------------|---------------------------------------------|--------------------------|
| 70755500   | MASTER LED ExpertColor 3.9-35W GU10 927 36D | 540 cd                   |
| 70757900   | MASTER LED ExpertColor 3.9-35W GU10 930 36D | 560 cd                   |
| 70759300   | MASTER LED ExpertColor 3.9-35W GU10 940 36D | 600 cd                   |

MASTER LEDspot ExpertColor MV

| Order Code | Full Product Name                           | Luminous Intensity (Nom) |
|------------|---------------------------------------------|--------------------------|
| 70761600   | MASTER LED ExpertColor 5.5-50W GU10 927 25D | 1,000 cd                 |
| 70763000   | MASTER LED ExpertColor 5.5-50W GU10 930 25D | 1,000 cd                 |
| 70765400   | MASTER LED ExpertColor 5.5-50W GU10 940 25D | 1,050 cd                 |

| Order Code | Full Product Name                           | Luminous Intensity (Nom) |
|------------|---------------------------------------------|--------------------------|
| 70767800   | MASTER LED ExpertColor 5.5-50W GU10 927 36D | 800 cd                   |
| 70769200   | MASTER LED ExpertColor 5.5-50W GU10 930 36D | 800 cd                   |
| 70771500   | MASTER LED ExpertColor 5.5-50W GU10 940 36D | 800 cd                   |

Operating and Electrical

| Order Code | Full Product Name                           | Power Consumption | Wattage Equivalent |
|------------|---------------------------------------------|-------------------|--------------------|
| 70749400   | MASTER LED ExpertColor 3.9-35W GU10 927 25D | 3.9 W             | 35 W               |
| 70751700   | MASTER LED ExpertColor 3.9-35W GU10 930 25D | 3.9 W             | 35 W               |
| 70753100   | MASTER LED ExpertColor 3.9-35W GU10 940 25D | 3.9 W             | 35 W               |
| 70755500   | MASTER LED ExpertColor 3.9-35W GU10 927 36D | 3.9 W             | 35 W               |
| 70757900   | MASTER LED ExpertColor 3.9-35W GU10 930 36D | 3.9 W             | 35 W               |
| 70759300   | MASTER LED ExpertColor 3.9-35W GU10 940 36D | 3.9 W             | 35 W               |

| Order Code | Full Product Name                           | Power Consumption | Wattage Equivalent |
|------------|---------------------------------------------|-------------------|--------------------|
| 70761600   | MASTER LED ExpertColor 5.5-50W GU10 927 25D | 5.5 W             | 50 W               |
| 70763000   | MASTER LED ExpertColor 5.5-50W GU10 930 25D | 5.5 W             | 50 W               |
| 70765400   | MASTER LED ExpertColor 5.5-50W GU10 940 25D | 5.5 W             | 50 W               |
| 70767800   | MASTER LED ExpertColor 5.5-50W GU10 927 36D | 5.5 W             | 50 W               |
| 70769200   | MASTER LED ExpertColor 5.5-50W GU10 930 36D | 5.5 W             | 50 W               |
| 70771500   | MASTER LED ExpertColor 5.5-50W GU10 940 36D | 5.5 W             | 50 W               |

Mechanical and Housing

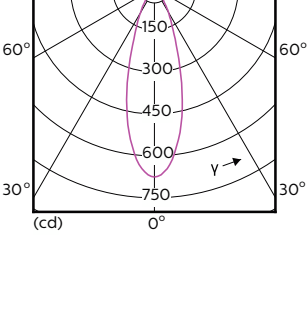
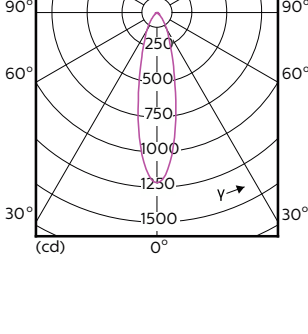
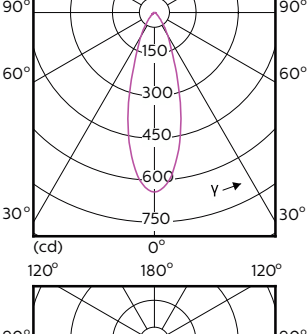
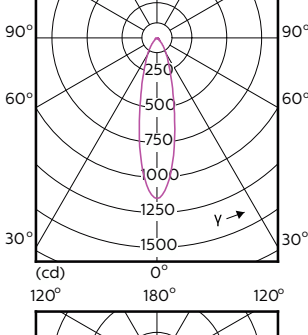
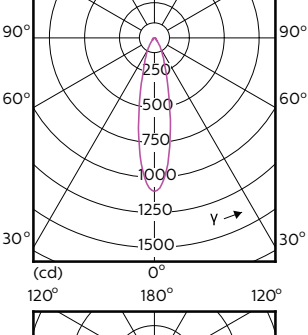
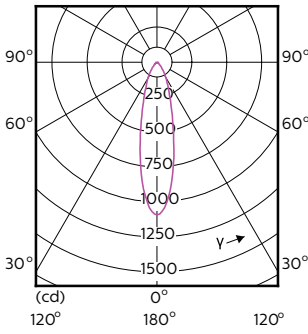
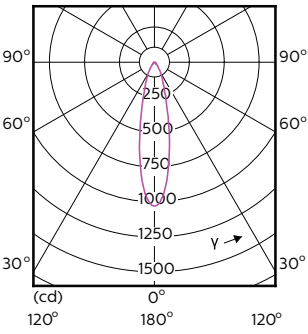
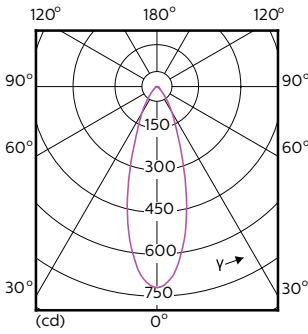
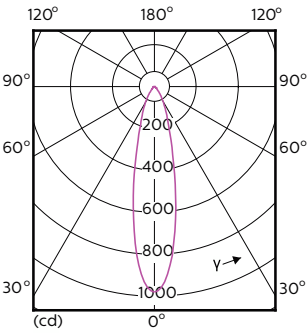
| Order Code | Full Product Name                           | Bulb Finish |
|------------|---------------------------------------------|-------------|
| 70749400   | MASTER LED ExpertColor 3.9-35W GU10 927 25D | -           |
| 70751700   | MASTER LED ExpertColor 3.9-35W GU10 930 25D | -           |
| 70753100   | MASTER LED ExpertColor 3.9-35W GU10 940 25D | -           |
| 70755500   | MASTER LED ExpertColor 3.9-35W GU10 927 36D | -           |
| 70757900   | MASTER LED ExpertColor 3.9-35W GU10 930 36D | -           |
| 70759300   | MASTER LED ExpertColor 3.9-35W GU10 940 36D | Clear       |

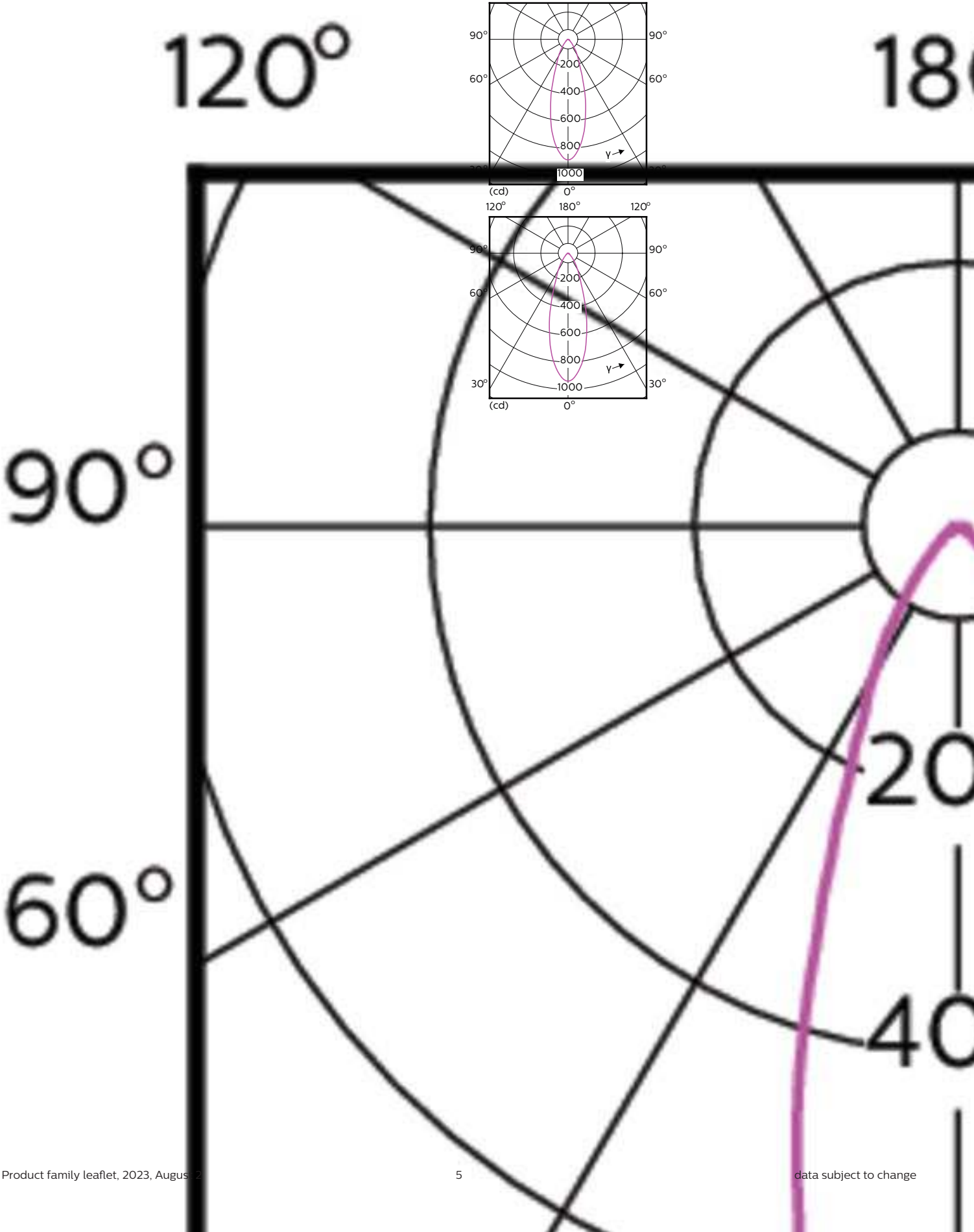
| Order Code | Full Product Name                           | Bulb Finish |
|------------|---------------------------------------------|-------------|
| 70761600   | MASTER LED ExpertColor 5.5-50W GU10 927 25D | Clear       |
| 70763000   | MASTER LED ExpertColor 5.5-50W GU10 930 25D | Clear       |
| 70765400   | MASTER LED ExpertColor 5.5-50W GU10 940 25D | -           |
| 70767800   | MASTER LED ExpertColor 5.5-50W GU10 927 36D | -           |
| 70769200   | MASTER LED ExpertColor 5.5-50W GU10 930 36D | -           |
| 70771500   | MASTER LED ExpertColor 5.5-50W GU10 940 36D | -           |

Approval and Application

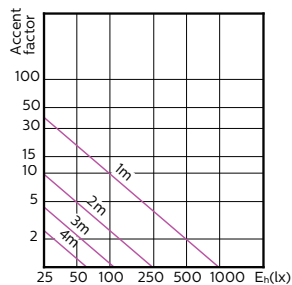
| Order Code | Full Product Name                           | Energy Consumption kWh/1000 h |
|------------|---------------------------------------------|-------------------------------|
| 70749400   | MASTER LED ExpertColor 3.9-35W GU10 927 25D | 4 kWh                         |
| 70751700   | MASTER LED ExpertColor 3.9-35W GU10 930 25D | 4 kWh                         |
| 70753100   | MASTER LED ExpertColor 3.9-35W GU10 940 25D | 4 kWh                         |
| 70755500   | MASTER LED ExpertColor 3.9-35W GU10 927 36D | 4 kWh                         |
| 70757900   | MASTER LED ExpertColor 3.9-35W GU10 930 36D | 4 kWh                         |
| 70759300   | MASTER LED ExpertColor 3.9-35W GU10 940 36D | 4 kWh                         |
| 70761600   | MASTER LED ExpertColor 5.5-50W GU10 927 25D | 6 kWh                         |

| Order Code | Full Product Name                           | Energy Consumption kWh/1000 h |
|------------|---------------------------------------------|-------------------------------|
| 70763000   | MASTER LED ExpertColor 5.5-50W GU10 930 25D | 6 kWh                         |
| 70765400   | MASTER LED ExpertColor 5.5-50W GU10 940 25D | 6 kWh                         |
| 70767800   | MASTER LED ExpertColor 5.5-50W GU10 927 36D | 6 kWh                         |
| 70769200   | MASTER LED ExpertColor 5.5-50W GU10 930 36D | 6 kWh                         |
| 70771500   | MASTER LED ExpertColor 5.5-50W GU10 940 36D | 6 kWh                         |

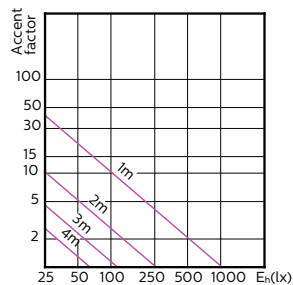




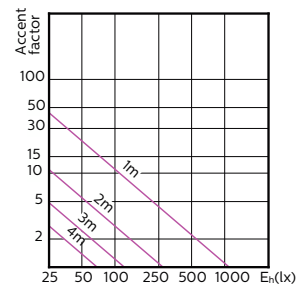
## Accent Diagrams



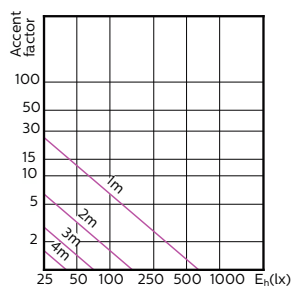
**Accent Diagram - MAS LED ExpertColor**  
**3.9-35W GU10 927 25D**



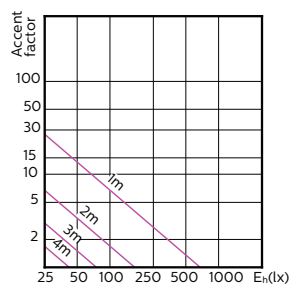
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 25D



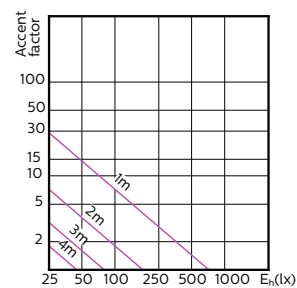
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 940 25D



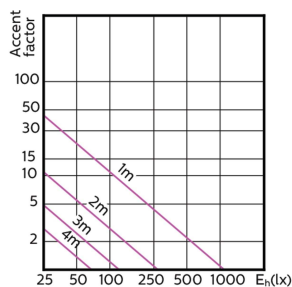
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 927 36D



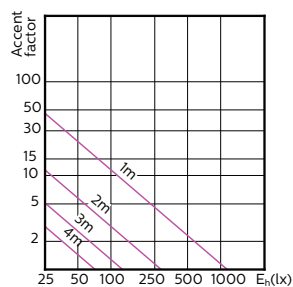
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 36D



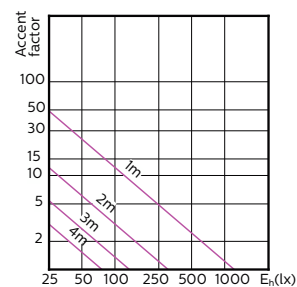
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 940 36D



**Accent Diagram - MAS LED ExpertColor**  
**5.5-50W GU10 927 25D**



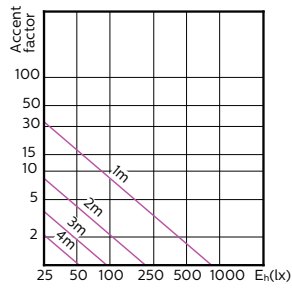
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 25D



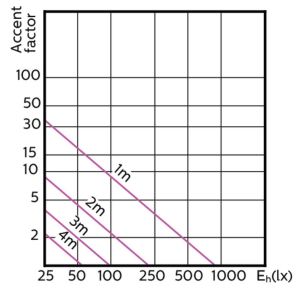
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 25D

# MASTER LEDspot ExpertColor MV

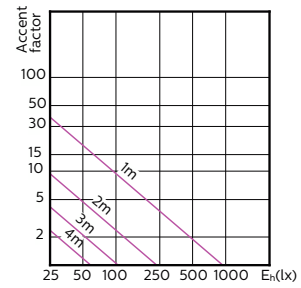
## Accent Diagrams



Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 927 36D

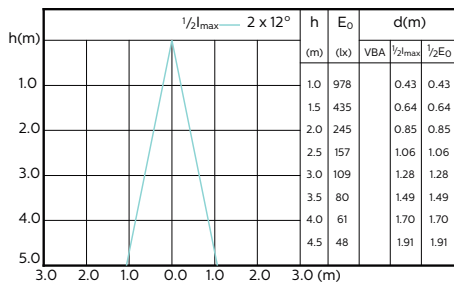


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 36D

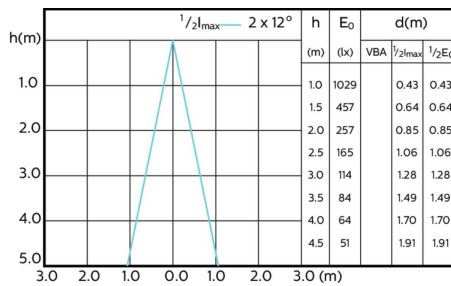


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 36D

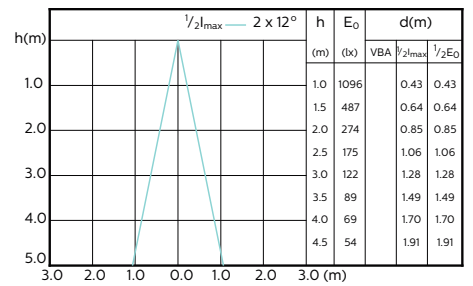
## Beam Diagrams



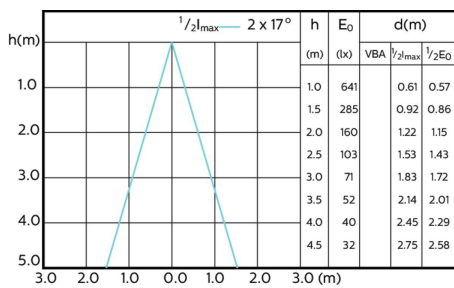
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 927 25D



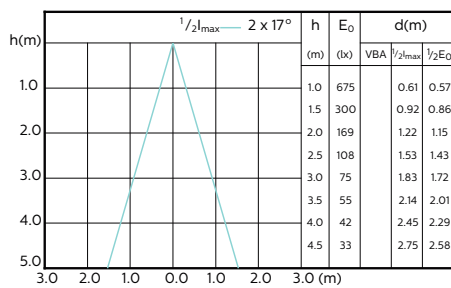
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 930 25D



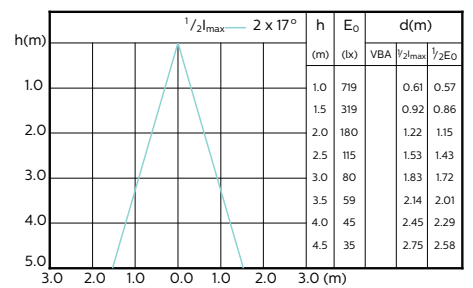
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 940 25D



Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 927 36D



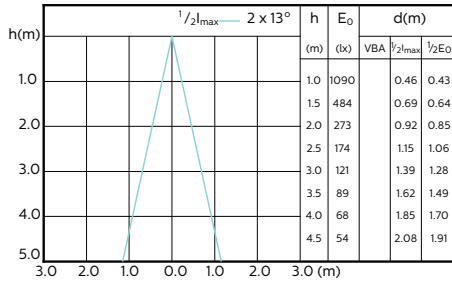
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 930 36D



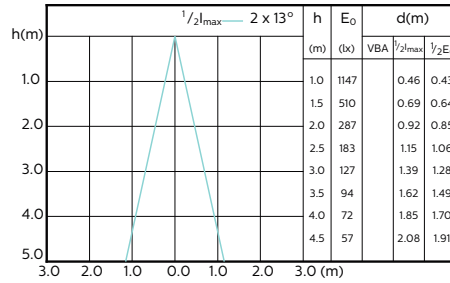
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 940 36D

# MASTER LEDspot ExpertColor MV

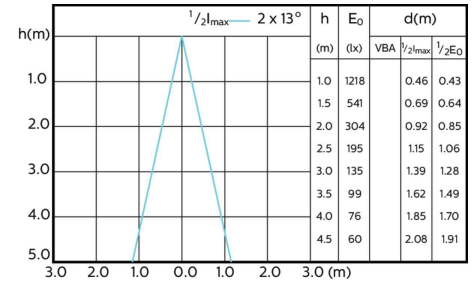
## Beam Diagrams



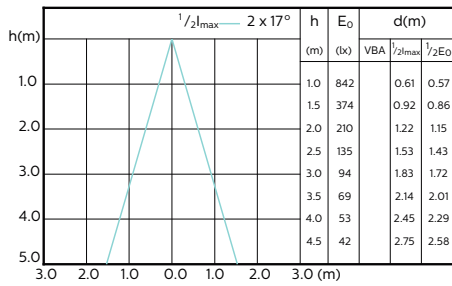
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 927 25D



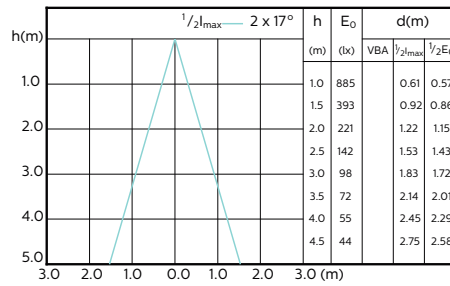
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 930 25D



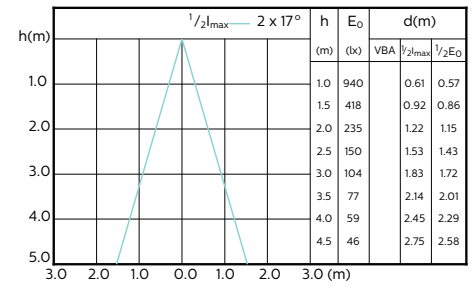
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 940 25D



Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 927 36D



Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 930 36D



Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 940 36D

