



# Perfekt Lichtqualität mit Ra97, perfekte Lebensdauer und perfektes Dimmen kombiniert!

## MASTER LEDspot GU10 ExpertColor

Der beste und schönste LEDspot für den Profi: . Der MASTER LEDspot ExpertColor ist ideal für den 24/7 Betrieb dank seiner langen Nutzlebensdauer von 40.000 Stunden geeignet. Der MASTER LEDspot ExpertColor schafft zudem ein warmes und komfortables Ambiente im Gastgewerbe, Eigenheim und Restaurant. Es erreicht dieses Ambiente durch ein angepasstes Farbspektrum ,welches dem von Halogen ähnlich ist, einen hohem Farbwiedergabeindex sowie leistungsstarker Dimmfunktion. Das Ergebnis? Ein wundervolles Beleuchtungserlebnis. Darüber hinaus ist das innovative Linsendesign ohne Einfassung durch ihr sauberes und klares Aussehen für nahezu jede Inneneinrichtung geeignet.

### Vorteile

- Expert Color – die beste LED Farbwiedergabe aller Zeiten mit Ra 97
- Höchste Lebensdauer mit 40.000 Stunden – ideal geeignet für den 24/7 Dauerbetrieb
- Perfect Dim – die besten Dimmeigenschaften aller Zeiten - dimmbar bis auf weniger als 5% Lichtstrom

# MASTER LEDspot GU10 ExpertColor

## Merkmale

- Einzigartiges Farbspektrum – ahmt das Lichtspektrum einer Halogenlampe nach!
- Design mit wunderschöner V-förmiger Linse
- Klassische Optik im Glas-Retro-Design wie ein Halogenreflektor
- Tiefes und sanftes Dimmen
- 40.000 Stunden Nutzlebensdauer

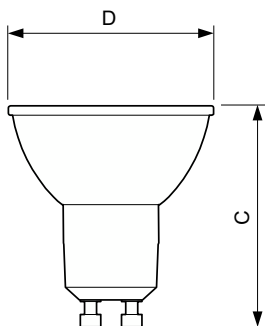
## Anwendung

- Anwendungsbereiche: 24/ Betrieb, Hotels, Restaurants, Museen, Flure
- Gastgewerbe: Hotelzimmer, Flure, Lobbys, Empfangsbereiche, Restaurants, Bars, Cafés
- Zuhause: Küche, Wohnzimmer, Schlafzimmer, Flure
- Einzelhandel: Ausstellungen, Vitrinenschränke, Geschäfte, Umkleieräume

## Hinweise

- Nicht für Gleichspannung geeignet
- Nicht für elektronische Schalter geeignet
- Max. 80% Luftfeuchtigkeit
- Min. 10 mm Luftraum beim Deckeneinbau zur Gewährleistung der konstanten Wärmeableitung

## Abmessungsskizzen



| 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 |

MASTER LEDspot GU10 ExpertColor

| Allgemeine Informationen                          |                         |
|---------------------------------------------------|-------------------------|
| Sockel                                            | GU10                    |
| Schaltzyklus                                      | 50.000                  |
| Nennlebensdauer                                   | 40.000 Stunde(n)        |
| Lichttechnische Daten                             |                         |
| Farbwiedergabeindex (CRI)                         | 97                      |
| Restlichtstrom am Ende der Nennlebensdauer (Nom.) | 70 %                    |
| Betrieb und Elektrik                              |                         |
| Eingangsfrequenz                                  | 50 bis 60 Hz            |
| Netzfrequenz                                      | 50 to 60 Hz             |
| Startzeit (Nom)                                   | 0,5 s                   |
| Temperatur                                        |                         |
| Gehäusetemperatur (Nom)                           | 80 °C                   |
| Lichtregelung und Dimmen                          |                         |
| Dimmbar                                           | Nur mit Spezial-Dimmern |
| Mechanik und Gehäuse                              |                         |
| Kolbenform                                        | PAR16                   |

Lichttechnische Daten (1/2)

| Order Code | Full Product Name                           | Ausstrahlungswinkel (Nom) | Ähnlichste           | Farbcode | Lichtstrom |
|------------|---------------------------------------------|---------------------------|----------------------|----------|------------|
|            |                                             |                           | Farbtemperatur (Nom) |          |            |
| 70749400   | MASTER LED ExpertColor 3.9-35W GU10 927 25D | 25 Grad                   | 2700 K               | 927      | 265 lm     |
| 70751700   | MASTER LED ExpertColor 3.9-35W GU10 930 25D | 25 Grad                   | 3000 K               | 930      | 280 lm     |
| 70753100   | MASTER LED ExpertColor 3.9-35W GU10 940 25D | 25 Grad                   | 4000 K               | 940      | 300 lm     |
| 70755500   | MASTER LED ExpertColor 3.9-35W GU10 927 36D | 36 Grad                   | 2700 K               | 927      | 265 lm     |
| 70757900   | MASTER LED ExpertColor 3.9-35W GU10 930 36D | 36 Grad                   | 3000 K               | 930      | 280 lm     |
| 70759300   | MASTER LED ExpertColor 3.9-35W GU10 940 36D | 36 Grad                   | 4000 K               | 940      | 300 lm     |
| 70761600   | MASTER LED ExpertColor 5.5-50W GU10 927 25D | 25 Grad                   | 2700 K               | 927      | 355 lm     |
| 70763000   | MASTER LED ExpertColor 5.5-50W GU10 930 25D | 25 Grad                   | 3000 K               | 930      | 375 lm     |
| 70765400   | MASTER LED ExpertColor 5.5-50W GU10 940 25D | 25 Grad                   | 4000 K               | 940      | 400 lm     |
| 70767800   | MASTER LED ExpertColor 5.5-50W GU10 927 36D | 36 Grad                   | 2700 K               | 927      | 355 lm     |
| 70769200   | MASTER LED ExpertColor 5.5-50W GU10 930 36D | 36 Grad                   | 3000 K               | 930      | 375 lm     |
| 70771500   | MASTER LED ExpertColor 5.5-50W GU10 940 36D | 36 Grad                   | 4000 K               | 940      | 400 lm     |

Lichttechnische Daten (2/2)

| Order Code | Full Product Name                           | Lichtstärke (Nom) | Order Code | Full Product Name                           | Lichtstärke (Nom) |
|------------|---------------------------------------------|-------------------|------------|---------------------------------------------|-------------------|
| 70749400   | MASTER LED ExpertColor 3.9-35W GU10 927 25D | 700 cd            | 70761600   | MASTER LED ExpertColor 5.5-50W GU10 927 25D | 1.000 cd          |
| 70751700   | MASTER LED ExpertColor 3.9-35W GU10 930 25D | 750 cd            | 70763000   | MASTER LED ExpertColor 5.5-50W GU10 930 25D | 1.000 cd          |
| 70753100   | MASTER LED ExpertColor 3.9-35W GU10 940 25D | 800 cd            | 70765400   | MASTER LED ExpertColor 5.5-50W GU10 940 25D | 1.050 cd          |
| 70755500   | MASTER LED ExpertColor 3.9-35W GU10 927 36D | 540 cd            | 70767800   | MASTER LED ExpertColor 5.5-50W GU10 927 36D | 800 cd            |
| 70757900   | MASTER LED ExpertColor 3.9-35W GU10 930 36D | 560 cd            | 70769200   | MASTER LED ExpertColor 5.5-50W GU10 930 36D | 800 cd            |
| 70759300   | MASTER LED ExpertColor 3.9-35W GU10 940 36D | 600 cd            | 70771500   | MASTER LED ExpertColor 5.5-50W GU10 940 36D | 800 cd            |

Betrieb und Elektrik

| Order Code | Full Product Name                           | Äquivalente      |          | Order Code | Full Product Name                           | Äquivalente      |          |
|------------|---------------------------------------------|------------------|----------|------------|---------------------------------------------|------------------|----------|
|            |                                             | Energieverbrauch | Leistung |            |                                             | Energieverbrauch | Leistung |
| 70749400   | MASTER LED ExpertColor 3.9-35W GU10 927 25D | 3,9 W            | 35 W     | 70757900   | MASTER LED ExpertColor 3.9-35W GU10 930 36D | 3,9 W            | 35 W     |
| 70751700   | MASTER LED ExpertColor 3.9-35W GU10 930 25D | 3,9 W            | 35 W     | 70759300   | MASTER LED ExpertColor 3.9-35W GU10 940 36D | 3,9 W            | 35 W     |
| 70753100   | MASTER LED ExpertColor 3.9-35W GU10 940 25D | 3,9 W            | 35 W     | 70761600   | MASTER LED ExpertColor 5.5-50W GU10 927 25D | 5,5 W            | 50 W     |
| 70755500   | MASTER LED ExpertColor 3.9-35W GU10 927 36D | 3,9 W            | 35 W     | 70763000   | MASTER LED ExpertColor 5.5-50W GU10 930 25D | 5,5 W            | 50 W     |

# MASTER LEDspot GU10 ExpertColor

| Order Code | Full Product Name                           | Äquivalente      |          |
|------------|---------------------------------------------|------------------|----------|
|            |                                             | Energieverbrauch | Leistung |
| 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     |

| Order Code | Full Product Name                           | Äquivalente      |          |
|------------|---------------------------------------------|------------------|----------|
|            |                                             | Energieverbrauch | Leistung |
| 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     |

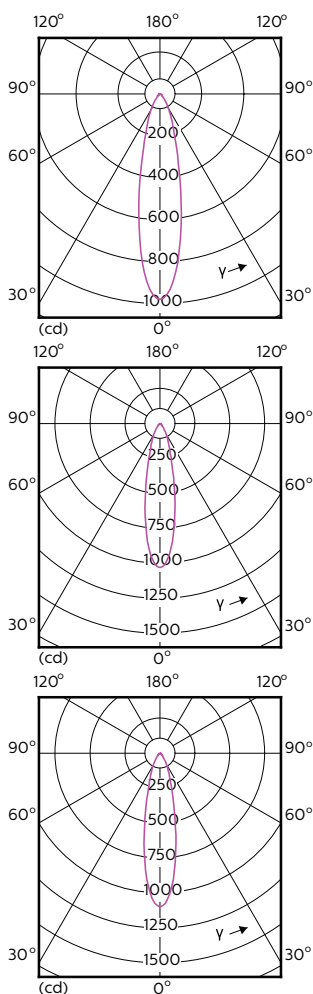
## Mechanik und Gehäuse

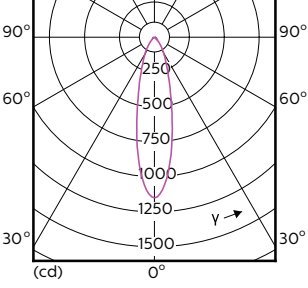
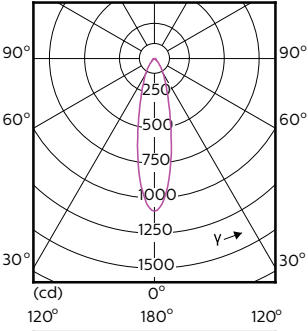
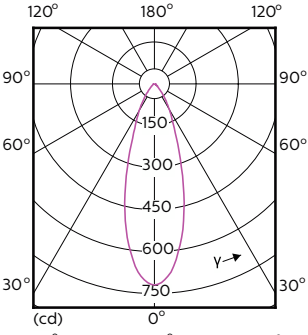
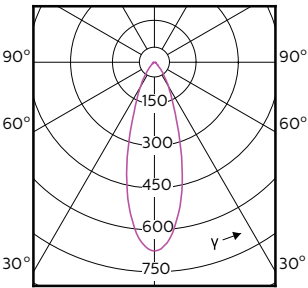
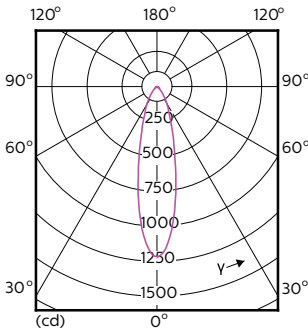
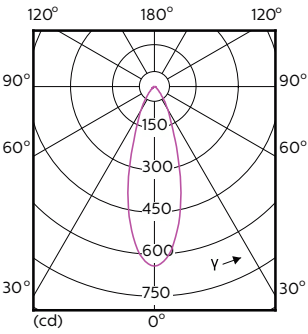
| Order Code | Full Product Name                           | Kolbenausführung |
|------------|---------------------------------------------|------------------|
| 70749400   | MASTER LED ExpertColor 3.9-35W GU10 927 25D | -                |
| 70751700   | MASTER LED ExpertColor 3.9-35W GU10 930 25D | -                |
| 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 | Klar             |

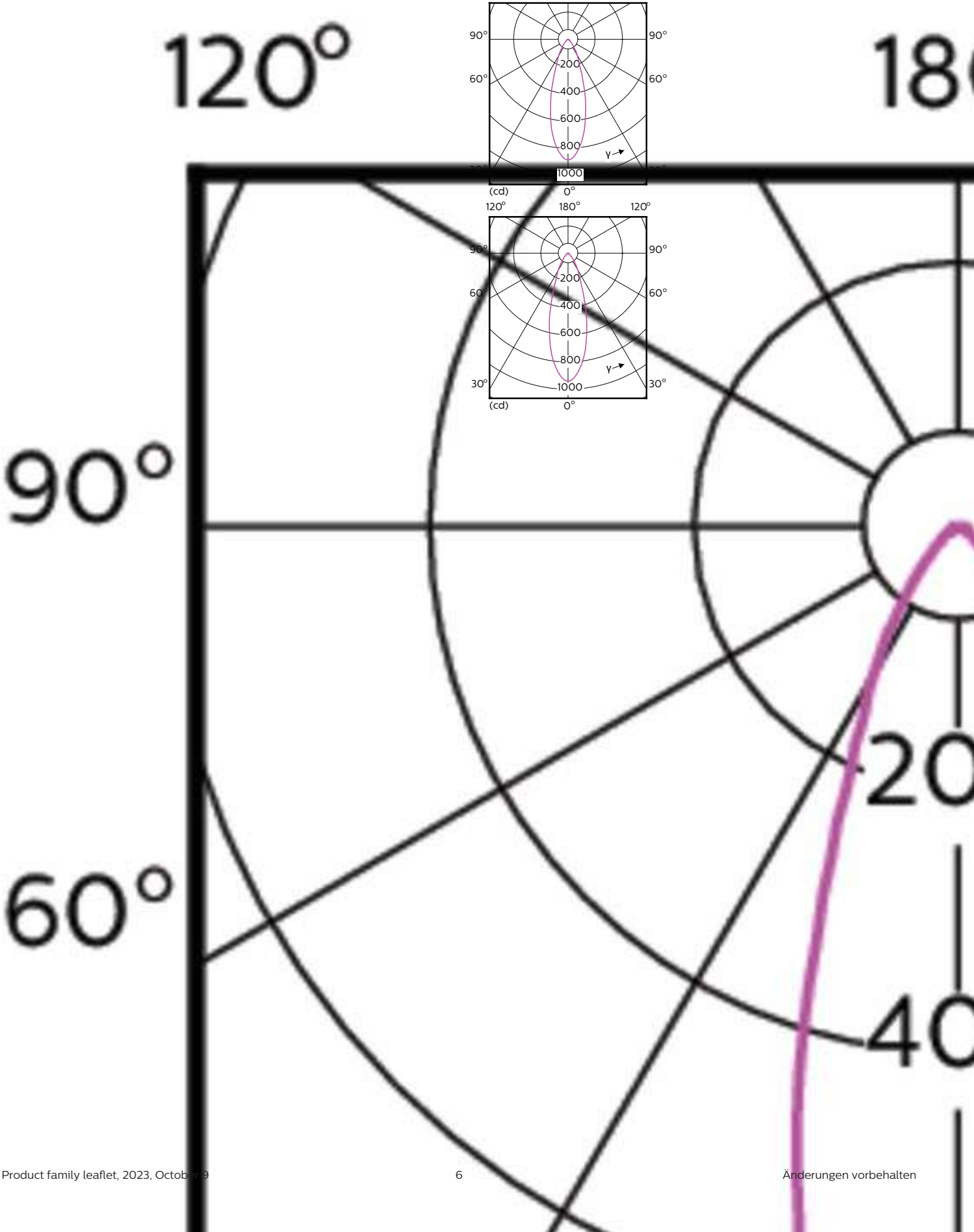
| Order Code | Full Product Name                           | Kolbenausführung |
|------------|---------------------------------------------|------------------|
| 70761600   | MASTER LED ExpertColor 5.5-50W GU10 927 25D | Klar             |
| 70763000   | MASTER LED ExpertColor 5.5-50W GU10 930 25D | Klar             |
| 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 | -                |

## Genehmigung und Anwendung

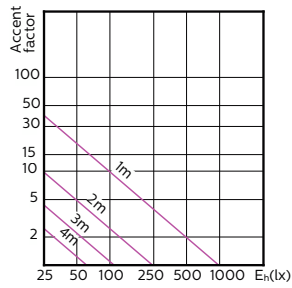
| Order Code | Full Product Name                           | Energieverbrauch kWh/<br>1.000 Std. |
|------------|---------------------------------------------|-------------------------------------|
| 70749400   | MASTER LED ExpertColor 3.9-35W GU10 927 25D | 4 kWh                               |
| 70751700   | 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                               |
| 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                               |



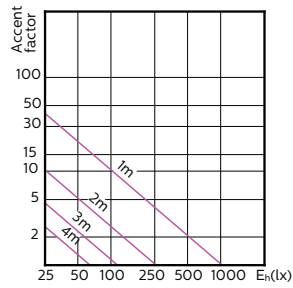




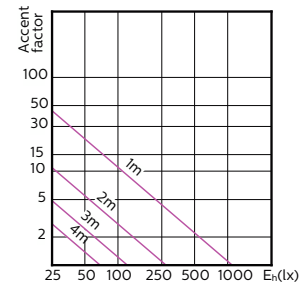
## Accent Diagrams



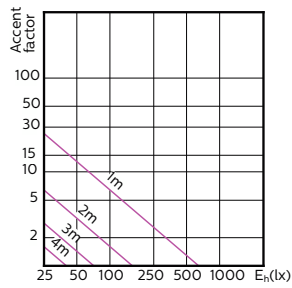
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 927 25D



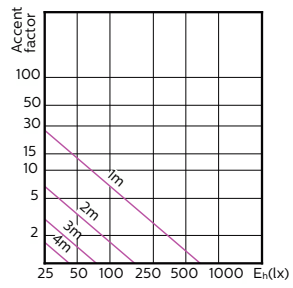
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 25D



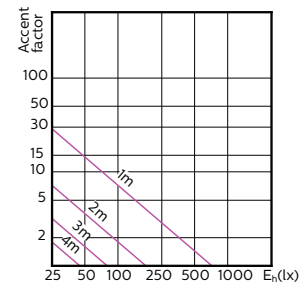
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 940 25D



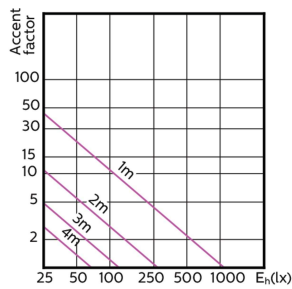
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 927 36D



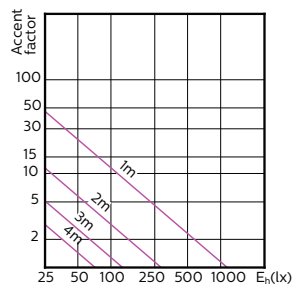
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 36D



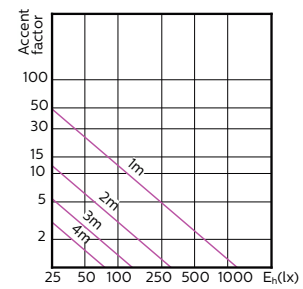
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 940 36D



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



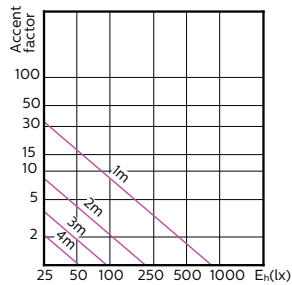
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 25D



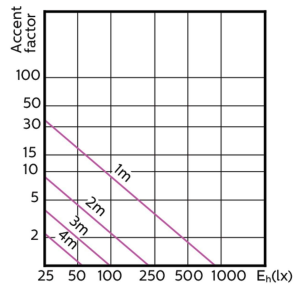
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 25D

# MASTER LEDspot GU10 ExpertColor

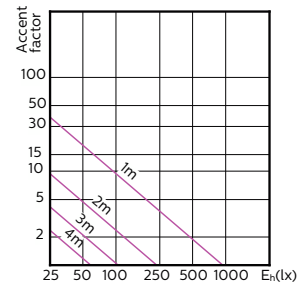
## Accent Diagrams



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

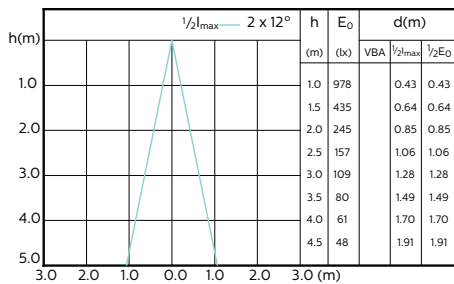


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 36D

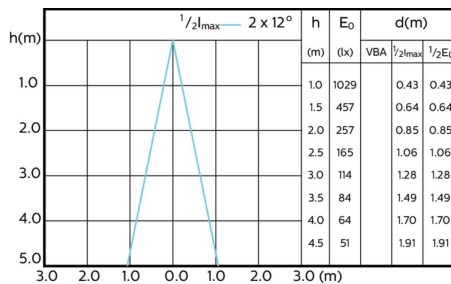


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 36D

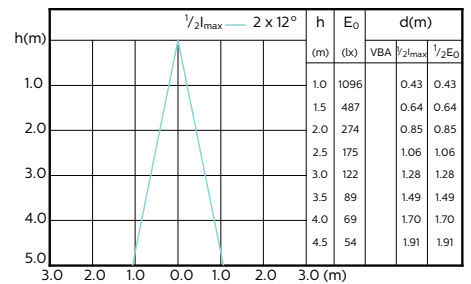
## Beam Diagrams



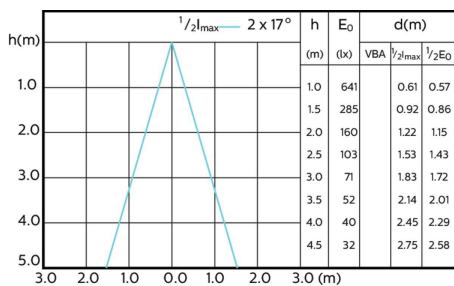
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 927 25D



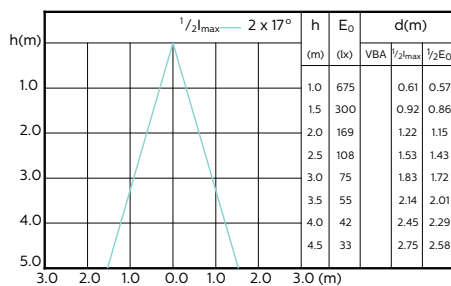
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 930 25D



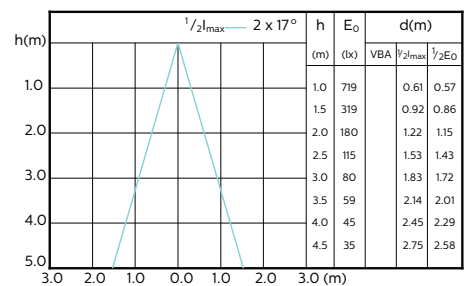
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 940 25D



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



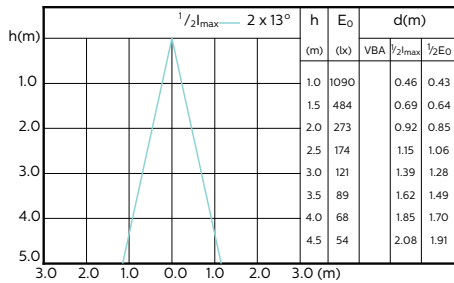
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 930 36D



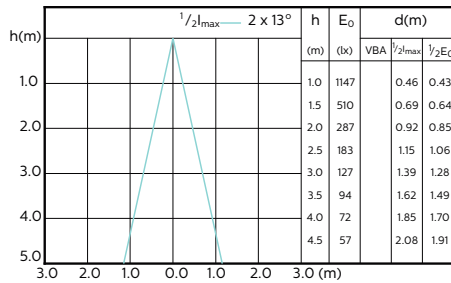
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 940 36D

# MASTER LEDspot GU10 ExpertColor

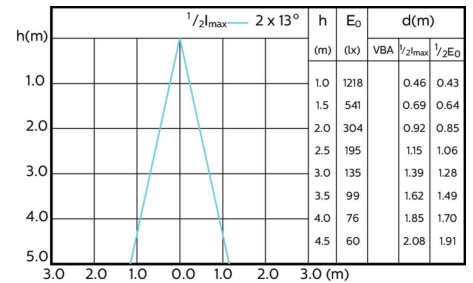
## Beam Diagrams



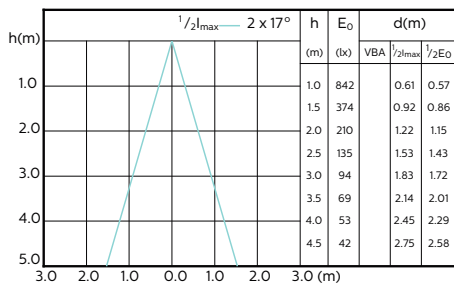
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 927 25D



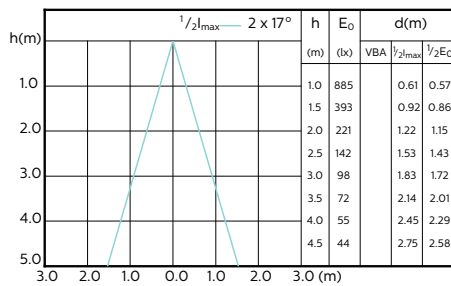
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 930 25D



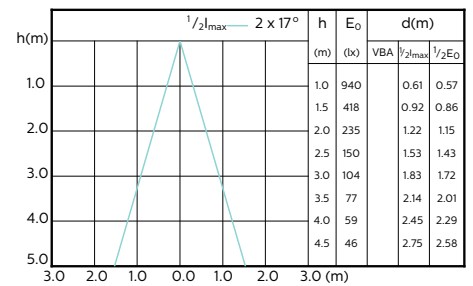
Beam diagram - MAS LED ExpertColor 5.5-50W  
GU10 940 25D



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

