



# 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

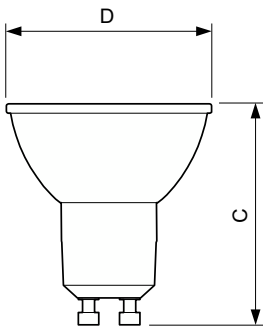
## Anwendung

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

## 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

Socket	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		
			Farbtemperatur (Nom)	Farbcode	Lichtstrom
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	Systemleistung	Äquivalente		Order Code	Full Product Name	Systemleistung	Äquivalente	
			Leistung	Leistung				Leistung	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	Systemleistung	Äquivalente 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	Systemleistung	Äquivalente 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

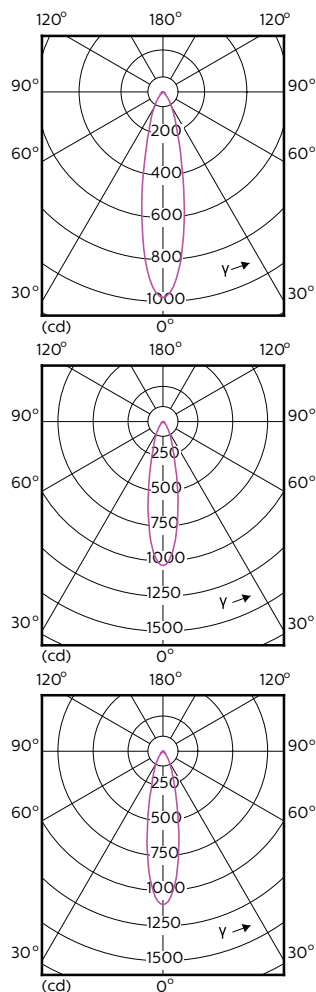
## Mechanik und Gehäuse

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

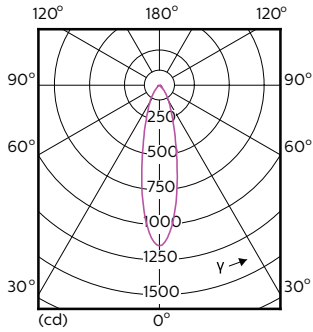
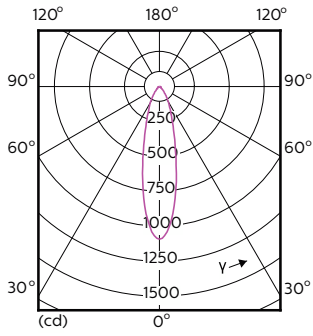
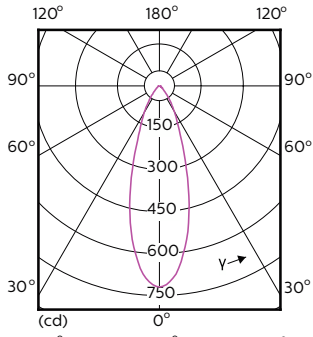
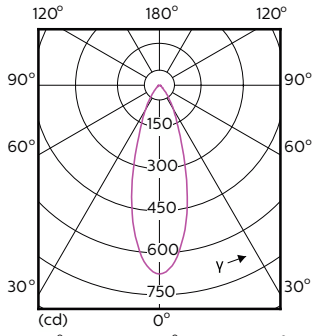
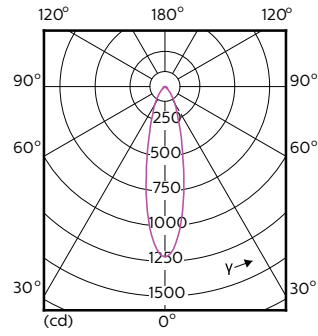
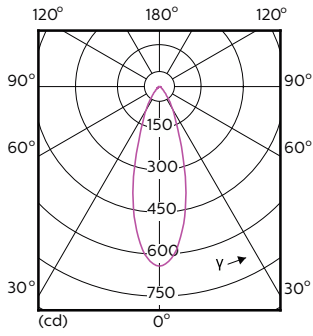
Order Code	Full Product Name	Kolbenausführung
70761600	MASTER LED ExpertColor 5.5-50W GU10 927 25D	Klar
70763000	MASTER LED ExpertColor 5.5-50W GU10 930 25D	Klar
70765400	MASTER LED ExpertColor 5.5-50W GU10 940 25D	-
70767800	MASTER LED ExpertColor 5.5-50W GU10 927 36D	-
70769200	MASTER LED ExpertColor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

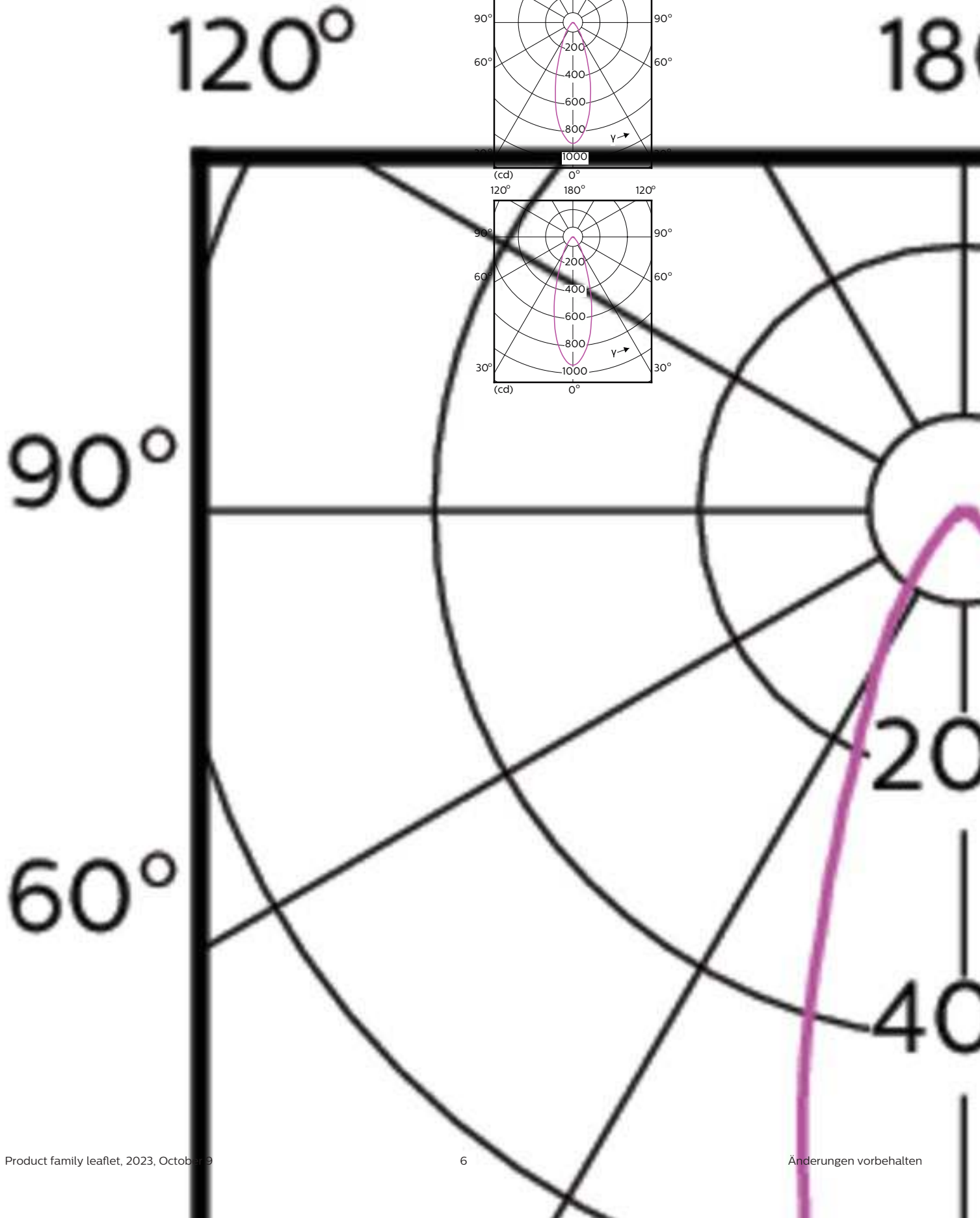
## Genehmigung und Anwendung

Order Code	Full Product Name	Energieverbrauch kWh/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



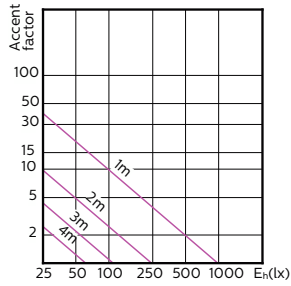
# MASTER LEDspot GU10 ExpertColor



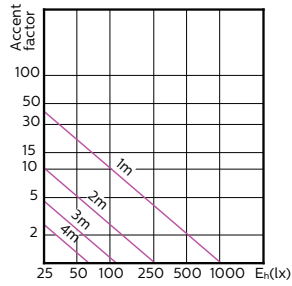


# MASTER LEDspot GU10 ExpertColor

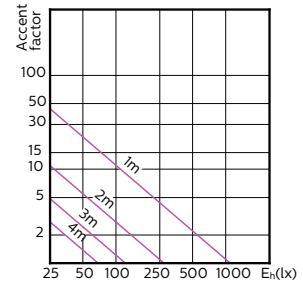
## Accent Diagrams



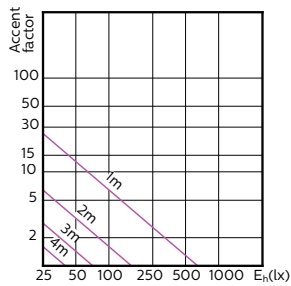
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 927 25D



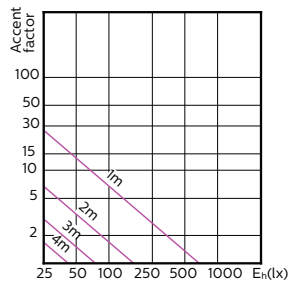
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 25D



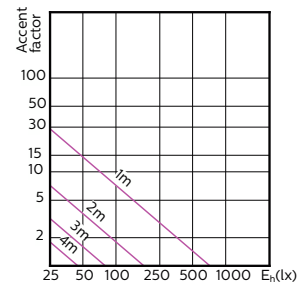
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 940 25D



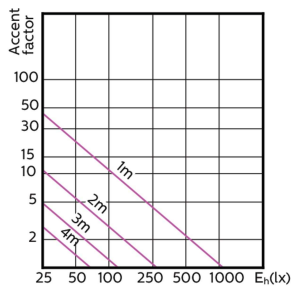
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 927 36D



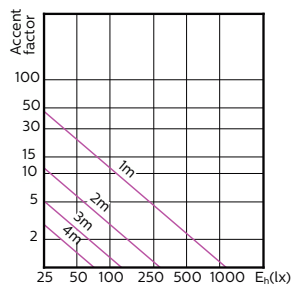
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 930 36D



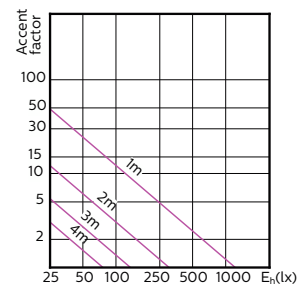
Accent Diagram - MAS LED ExpertColor  
3.9-35W GU10 940 36D



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



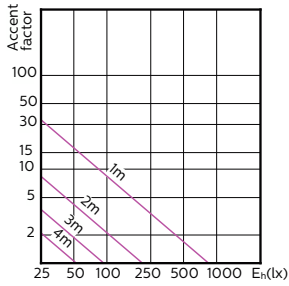
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 25D



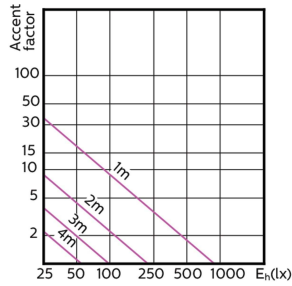
Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 25D

# MASTER LEDspot GU10 ExpertColor

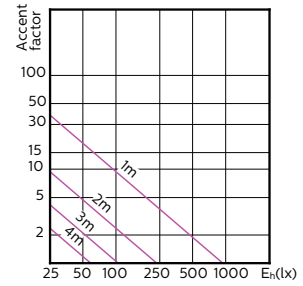
## Accent Diagrams



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

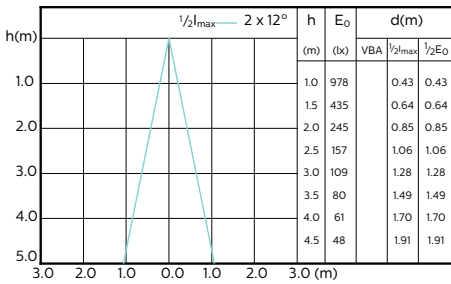


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 930 36D

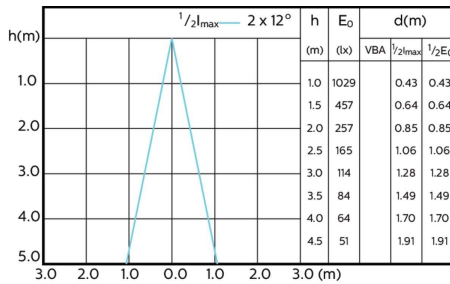


Accent Diagram - MAS LED ExpertColor  
5.5-50W GU10 940 36D

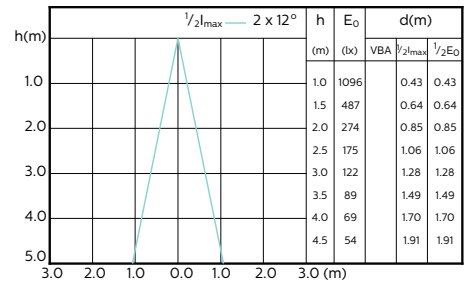
## Beam Diagrams



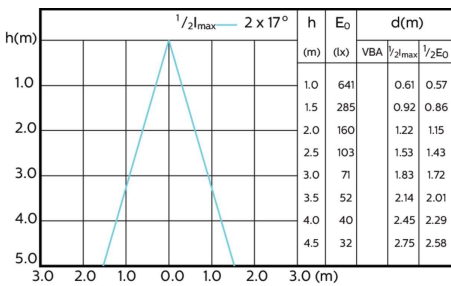
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 927 25D



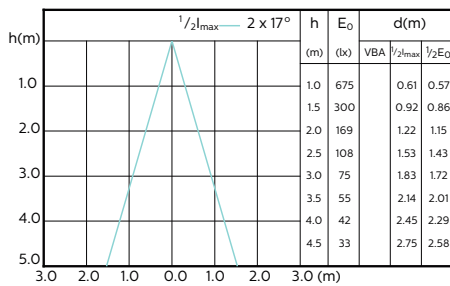
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 930 25D



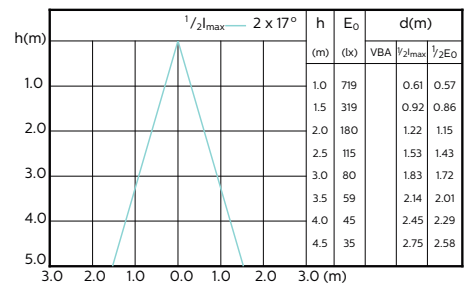
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 940 25D



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



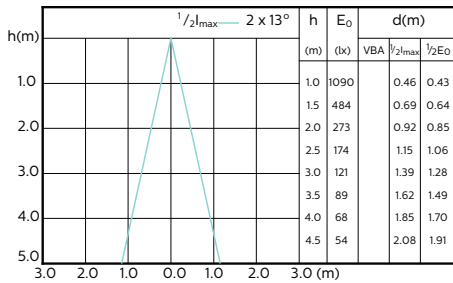
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 930 36D



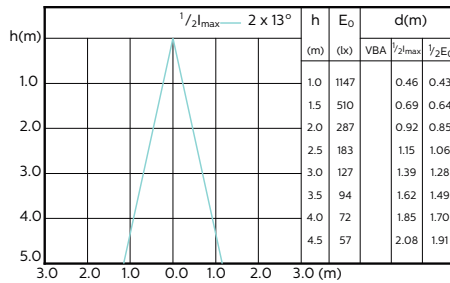
Beam diagram - MAS LED ExpertColor 3.9-35W  
GU10 940 36D



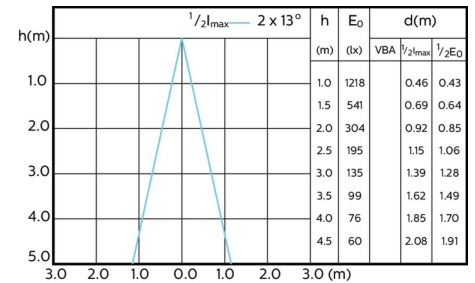
## Beam Diagrams



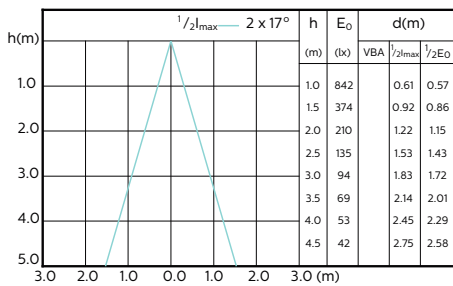
Beam diagram - MAS LED ExpertColor 5.5-50W GU10 927 25D



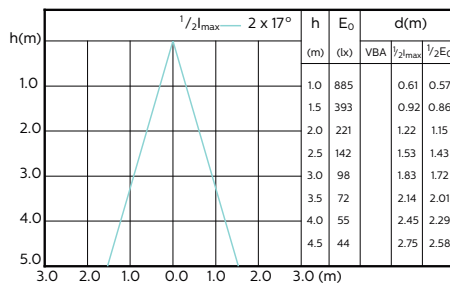
Beam diagram - MAS LED ExpertColor 5.5-50W GU10 930 25D



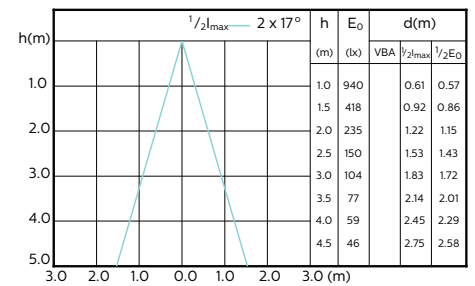
Beam diagram - MAS LED ExpertColor 5.5-50W GU10 940 25D



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

