



# Warmes, einladendes Ambiente mit herausragender Lichtqualität

## MASTER LED-Spot ExpertColor MR16

MASTER LEDspot LV ExpertColor schafft ein warmes und komfortables Ambiente im Gastgewerbe, Eigenheim und Restaurant. Es erreicht dieses Ambiente durch überragendes Licht mit angepasstem Spektrum, hohem CRI-Wert und leistungsstarker Dimm-Funktion. Das Ergebnis? Eine wunderschöne Beleuchtung. Darüber hinaus ist das innovative Linsendesign ohne Einfassung durch ihr sauberes und klares Aussehen für nahezu jede Inneneinrichtung geeignet. Sie können außerdem die gesamte ExpertColor-Familie nutzen, die auch Lampen der Serien LEDspot MV und LEDspot Par einschließt.

### Vorteile

- Warmes und komfortables Ambiente
- Fantastisches Aussehen für Inneneinrichtung, Möbel und Stoffe
- Nachrüstlösung ohne Aufwand für größere Energieeffizienz und Nachhaltigkeit

### Merkmale

- Angepasstes Farbspektrum gibt Halogen-Lichtfarben wieder
- Design ohne Verkleidung mit wunderschöner V-förmiger Linse
- Branchenführende Farbumsetzung CRI97, R9>85
- Dunkles und sanftes Dimmen mit hoher Transformatorenkompatibilität
- Nachrüstung von MR16 Niedervolt-Halogenlampen mit GU5.3-Sockel

# MASTER LED-Spot ExpertColor MR16

## Anwendung

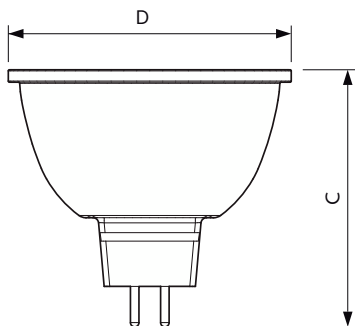
- Gastgewerbe: Hotelzimmer, Flure, Lobbys, Empfangsbereiche, Restaurants, Bars, Cafés
- Zuhause: Wohnzimmer, Schlafzimmer, Flure
- Einzelhandel: Ausstellungen, Vitrinenschränke, Geschäfte, Umkleideräume

## Versions



Master LEDspot ExpertColor LV  
50W GU5.3 60D

## Abmessungsskizzen



Product	D	C
MAS LED ExpertColor 6.7-35W MR16 927 36D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 930 36D	50,5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 927 36D	50,5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 930 36D	50,5 mm	46 mm
MAS LED ExpertColor 7.5-43W MR16 940 36D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 927 24D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 930 24D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 940 24D	50,5 mm	46 mm
MAS LED ExpertColor 6.7-35W MR16 940 36D	50,5 mm	46 mm

# MASTER LED-Spot ExpertColor MR16

## Allgemeine Informationen

Socket	GU5.3
Schaltzyklus	50.000
Nennlebensdauer	40.000 Stunde(n)

## Lichttechnische Daten

Restlichtstrom am Ende der Nennlebensdauer (Nom.)	70 %
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## Betrieb und Elektrik

Eingangsfrequenz	- Hz
Netzfrequenz	- Hz
Startzeit (Nom)	0,5 s

## Lichtregelung und Dimmen

Dimmbar	Nur mit Spezial-Dimmern
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## Mechanik und Gehäuse

Kolbenausführung	Klar
Kolbenform	MR16

## Genehmigung und Anwendung

Umgebungstemperaturbereich	-20 bis +45 °C
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## Lichttechnische Daten (1/2)

Order Code	Full Product Name	Ausstrahlungswinkel (Nom)	Ähnlichste Farbtemperatur	Farbwiedergabeindex (CRI)	Farbcode
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	36 Grad	2700 K	92	927
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	36 Grad	3000 K	92	930
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	36 Grad	4000 K	92	940
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	24 Grad	2700 K	97	927
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	24 Grad	3000 K	97	930
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	24 Grad	4000 K	97	940
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	36 Grad	2700 K	97	927
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	36 Grad	3000 K	97	930
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	36 Grad	4000 K	97	940

## Lichttechnische Daten (2/2)

Order Code	Full Product Name	Lichtstrom	Lichtstärke (Nom)	Order Code	Full Product Name	Lichtstrom	Lichtstärke (Nom)
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	485 lm	1.400 cd	35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	460 lm	2.200 cd
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	500 lm	1.550 cd	35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	420 lm	1.300 cd
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	520 lm	1.650 cd	35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	440 lm	1.400 cd
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	420 lm	2.100 cd	35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	460 lm	1.400 cd
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	440 lm	2.200 cd				

## Betrieb und Elektrik

Order Code	Full Product Name	Systemleistung	Äquivalente Leistung	Order Code	Full Product Name	Systemleistung	Äquivalente Leistung
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	7,5 W	43 W	35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	7,5 W	43 W

# MASTER LED-Spot ExpertColor MR16

Order Code	Full Product Name	Systemleistung	Äquivalente Leistung
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	7,5 W	43 W
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	6,7 W	35 W
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	6,7 W	35 W
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	6,7 W	35 W

Order Code	Full Product Name	Systemleistung	Äquivalente Leistung
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	6,7 W	35 W
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	6,7 W	35 W
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	6,7 W	35 W

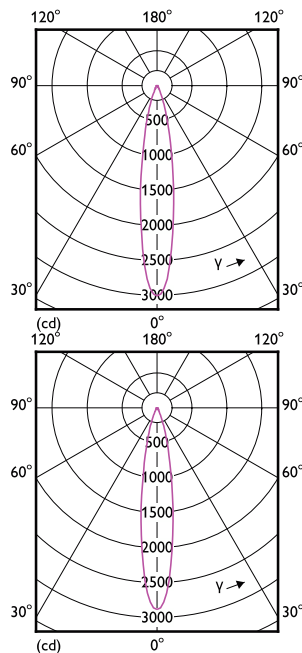
## Temperatur

Order Code	Full Product Name	Gehäusetemperatur (Nom)
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35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	93 °C
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	93 °C
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	92 °C
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	92 °C

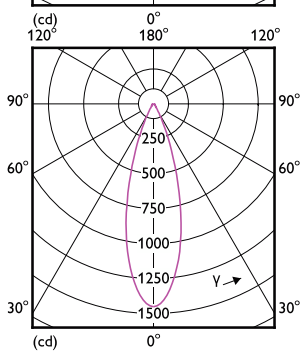
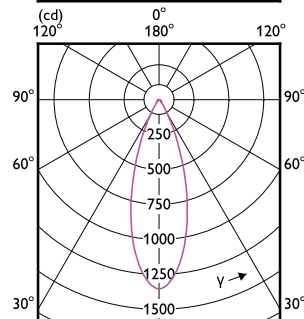
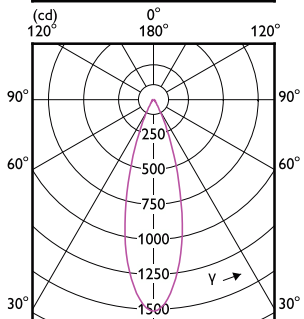
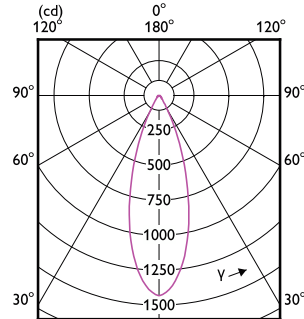
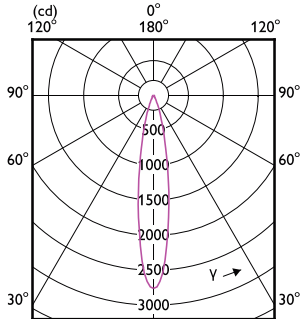
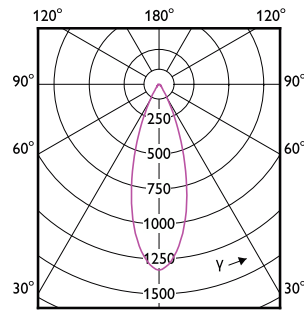
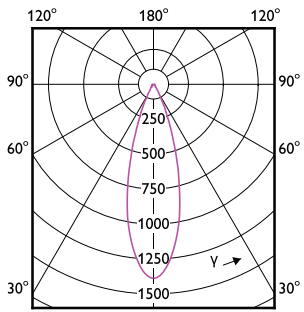
Order Code	Full Product Name	Gehäusetemperatur (Nom)
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	92 °C
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	92 °C
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	92 °C
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	92 °C

## Genehmigung und Anwendung

Order Code	Full Product Name	Energieverbrauch kWh/1.000 Std.
35871300	MASTER LED ExpertColor 7.5-43W MR16 927 36D	8 kWh
35873700	MASTER LED ExpertColor 7.5-43W MR16 930 36D	8 kWh
35875100	MASTER LED ExpertColor 7.5-43W MR16 940 36D	8 kWh
35853900	MASTER LED ExpertColor 6.7-35W MR16 927 24D	7 kWh
35855300	MASTER LED ExpertColor 6.7-35W MR16 930 24D	7 kWh
35857700	MASTER LED ExpertColor 6.7-35W MR16 940 24D	7 kWh
35859100	MASTER LED ExpertColor 6.7-35W MR16 927 36D	7 kWh
35861400	MASTER LED ExpertColor 6.7-35W MR16 930 36D	7 kWh
35863800	MASTER LED ExpertColor 6.7-35W MR16 940 36D	7 kWh

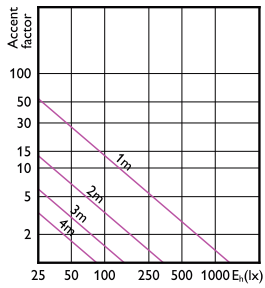


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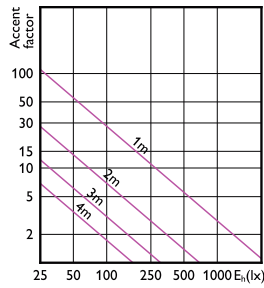


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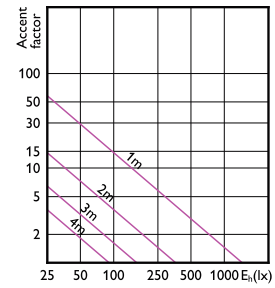
## Accent Diagrams



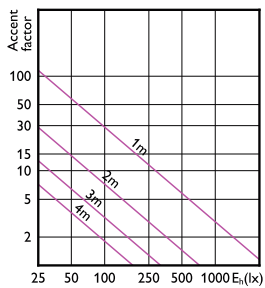
Accent Diagram - MAS LED ExpertColor  
7.5-43W MR16 930 36D



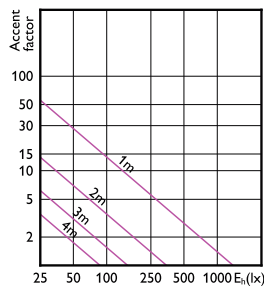
Accent Diagram - MAS LED  
ExpertColor 6.7-35W MR16 927 24D



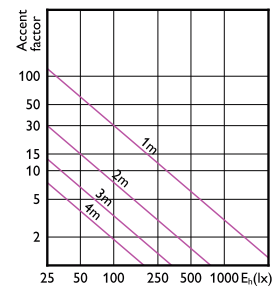
Accent Diagram - MAS LED ExpertColor  
6.7-35W MR16 930 36D



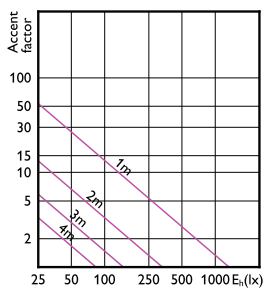
Accent Diagram - MAS LED  
ExpertColor 6.7-35W MR16 930 24D



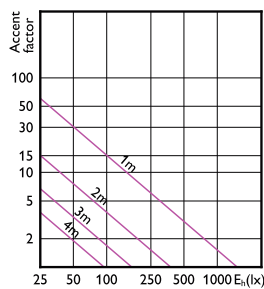
Accent Diagram - MAS LED ExpertColor  
6.7-35W MR16 927 36D



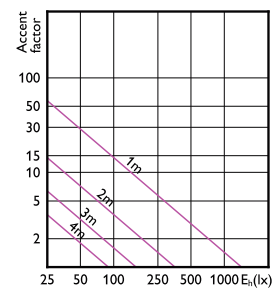
Accent Diagram - MAS LED  
ExpertColor 6.7-35W MR16 940 24D



Accent Diagram - MAS LED ExpertColor  
7.5-43W MR16 927 36D



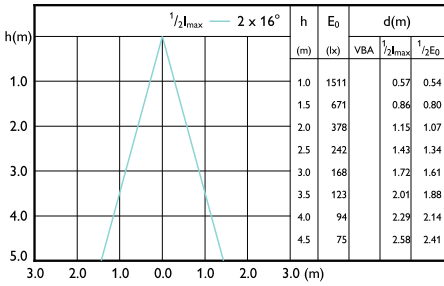
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ExpertColor 6.7-35W MR16 940 36D



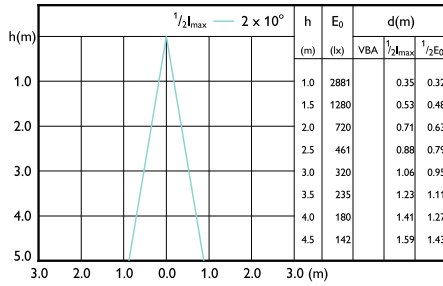
Accent Diagram - MAS LED ExpertColor  
7.5-43W MR16 940 36D

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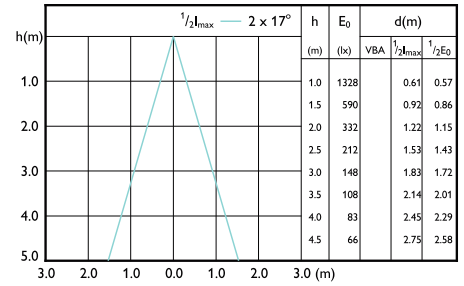
## Beam Diagrams



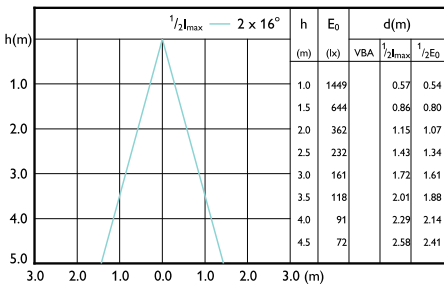
Beam diagram - MAS LED ExpertColor 6.7-35W MR16 940 36D



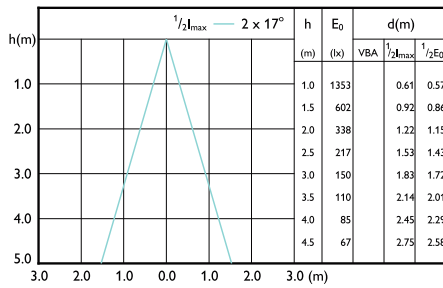
Beam diagram - MAS LED ExpertColor 6.7-35W MR16 930 24D



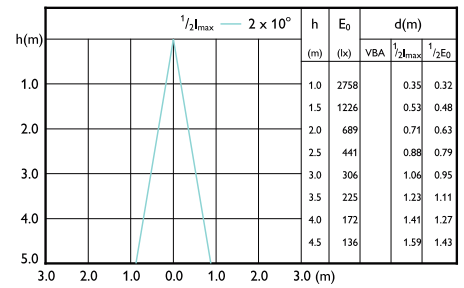
Beam diagram - MAS LED ExpertColor 7.5-43W MR16 927 36D



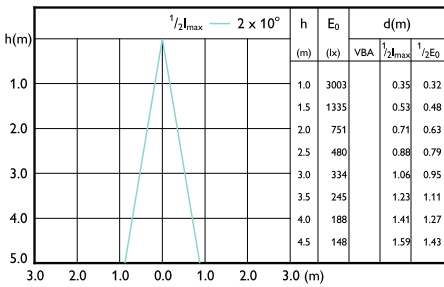
Beam diagram - MAS LED ExpertColor 6.7-35W MR16 930 36D



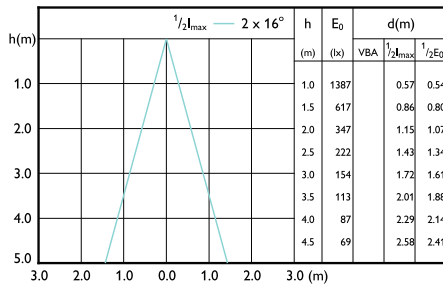
Beam diagram - MAS LED ExpertColor 7.5-43W MR16 930 36D



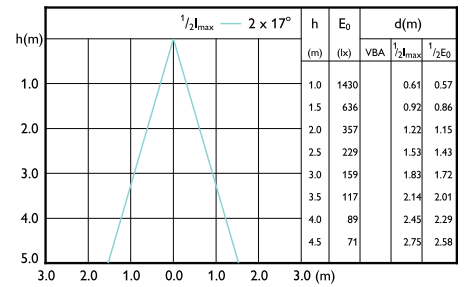
Beam diagram - MAS LED ExpertColor 6.7-35W MR16 927 24D



Beam diagram - MAS LED ExpertColor 6.7-35W MR16 940 24D



Beam diagram - MAS LED ExpertColor 6.7-35W MR16 927 36D



Beam diagram - MAS LED ExpertColor 7.5-43W MR16 940 36D

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