



Accent with higher performance LED retrofits

MR16/GU10/PAR16 LED

Philips MR16 Dimmable LED Lamps provide ambient level light to illuminate hard to maintain applications. Increased transformer compatibility allows for operation on a wider range of transformers. Available in dimmable and non-dimmable versions, these lamps are ideal for track and open recessed fixtures in retail, hospitality and residential spaces.

Beneficios

- Long life properties-- lowers maintenance costs by reducing re-lamp frequency
- Will not fade colors, avoids inventory spoilage
- Contains no mercury
- Emits virtually no UV/IR light in the beam
- 3-year or 5-year limited warranty depending upon operating hours

Características

- Available in dimmable* and non-dimmable versions
- Provides quality white light and a crisp, uniform beam
- 7W and 7W HO MRX16s are suitable for use in many enclosed fixtures
- 40,000-hour rated average life⁺ for 7W MRX16
- Instant-on light
- ^{*}Dimmable when using leading edge dimmers (see Philips Website: www.philips.com/ledtechguide for compatible leading edge dimmers.)
- ⁺Rated average life based on engineering testing and probability analysis.

Aplicaciones

- Ideal for accent and ambient lighting in retail and hospitality spaces.

MR16/GU10/PAR16 LED

Versions



GU5.3 MR16



GU5.3 MR16



GU5.3 MR16



GU5.3 MR16



GU10 PAR16

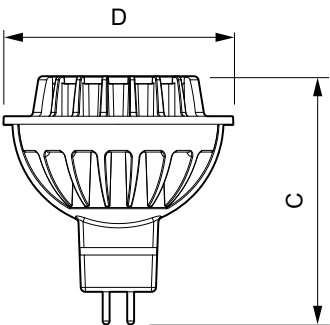
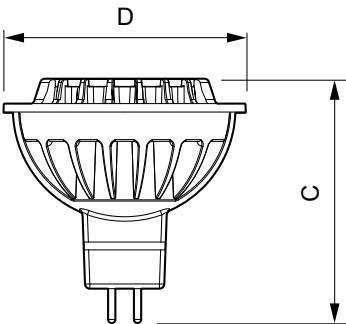


GU5.3 MR16



GU5.3 MR16

Plano de dimensiones

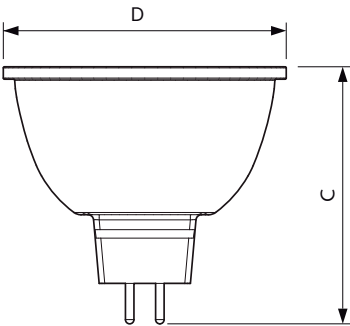
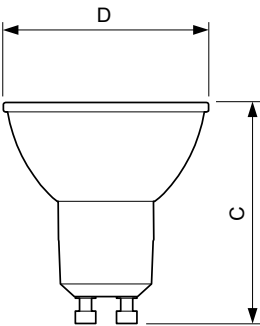
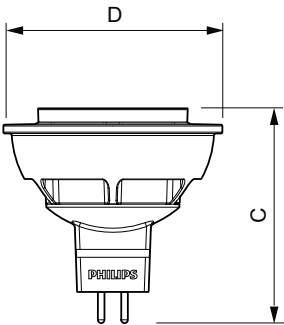


Product	D	C
7MR16/LED/S15/827/DIM AF2 10/1	51 mm	51 mm
7MR16/LED/S15/840/DIM AF2 10/1	51 mm	51 mm
7MR16/LED/S15/830/DIM AF2 10/1	51 mm	51 mm
7MR16/LED/F35/830/DIM AF2 10/1	51 mm	51 mm
7MR16/LED/F35/827/DIM AF2 10/1	51 mm	51 mm
7MR16/LED/F25/830/DIM AF2 10/1	51 mm	51 mm
7MR16/LED/F25/840/DIM AF2 10/1	51 mm	51 mm
7MR16/LED/F25/827/DIM AF2 10/1	51 mm	51 mm
7MR16/LED/F35/840/DIM AF2 10/1	51 mm	51 mm

Product	D	C
8.5MRX16/F35 4000 DIM AF 10/1	51 mm	55 mm
8.5MRX16/F25 4000 DIM AF 10/1	51 mm	55 mm
8.5MRX16/F35 3000 DIM AF 10/1	51 mm	55 mm
8.5MRX16/F25 3000 DIM AF 10/1	51 mm	55 mm
8.5MRX16/F35 2700 DIM AF 10/1	51 mm	55 mm

MR16/GU10/PAR16 LED

Plano de dimensiones



Product	D	C
6.5MR16/F25/2700-2200 DIM 12V	51 mm	50 mm
6.5MR16/F35/2700-2200 DIM 12V	51 mm	50 mm
6.4MR16/F25/3000 DIM 12V	51 mm	51 mm
6.4MR16/F35/3000 DIM 12V	51 mm	51 mm

Product	D	C
4.5GU10/LEDCLA/F35/830/DIM 10/1	50 mm	53 mm

Product	D	C
7MR16 ExpertColor S10 930 D 10/1	51 mm	46 mm
7MR16 ExpertColor S10 940 D 10/1	51 mm	46 mm
7MR16 ExpertColor F35 930 D 10/1	51 mm	46 mm
7MR16 ExpertColor F25 927 D 10/1	51 mm	46 mm
7MR16 ExpertColor F35 927 D 10/1	51 mm	46 mm
7MR16 ExpertColor F35 940 D 10/1	51 mm	46 mm
7MR16 ExpertColor F25 940 D 10/1	51 mm	46 mm
7MR16 ExpertColor Retail F35 930 10/1	51 mm	46 mm
7MR16 ExpertColor Retail S10 930 10/1	51 mm	46 mm
7MR16 ExpertColor Retail F25 930 10/1	51 mm	46 mm
6.5MR16/LED/F25/927/D/EC/12V T20 10/1FB	50.5 mm	46 mm
6.5MR16/LED/F35/930/D/EC/12V T20 10/1FB	50.5 mm	46 mm
6.5MR16/LED/F25/930/D/EC/12V T20 10/1FB	50.5 mm	46 mm
6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB	50.5 mm	46 mm

General Information	
Switching Cycle	50000X
Light Technical	
Llmf At End Of Nominal Lifetime (Nom)	70 %

Approval and Application

MR16/GU10/PAR16 LED

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
454538	6.5MR16/F25/2700-2200 DIM 12V 10/1	- kWh	Not applicable
454546	6.5MR16/F35/2700-2200 DIM 12V 10/1	7 kWh	Not applicable
457515	8.5MRX16/LED/F25 3000 DIM AF 10/1	- kWh	Not applicable
457523	8.5MRX16/LED/F25 4000 DIM AF 10/1	9 kWh	Not applicable
457531	8.5MRX16/LED/F35 2700 DIM AF 10/1	9 kWh	Not applicable
457549	8.5MRX16/LED/F35 3000 DIM AF 10/1	9 kWh	Not applicable
457556	8.5MRX16/LED/F35 4000 DIM AF 10/1	9 kWh	Not applicable
470336	6.4MR16/F25/3000 DIM 12V 10/1	-	Not applicable
470344	6.4MR16/F35/3000 DIM 12V 10/1	-	Not applicable
461525	7MR16/LED/S15/827/DIM AF2 10/1	8 kWh	Not applicable
461533	7MR16/LED/S15/830/DIM AF2 10/1	8 kWh	Not applicable
461541	7MR16/LED/S15/840/DIM AF2 10/1	8 kWh	Not applicable
461558	7MR16/LED/F25/827/DIM AF2 10/1	8 kWh	Not applicable
461566	7MR16/LED/F25/830/DIM AF2 10/1	8 kWh	Not applicable
461574	7MR16/LED/F25/840/DIM AF2 10/1	8 kWh	Not applicable
461582	7MR16/LED/F35/827/DIM AF2 10/1	8 kWh	Not applicable
461590	7MR16/LED/F35/830/DIM AF2 10/1	8 kWh	Not applicable
461608	7MR16/LED/F35/840/DIM AF2 10/1	8 kWh	Not applicable
468140	4.5GU10/LED/F35/830/DIM 10/1	-	Not applicable

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
470146	7MR16 ExpertColor S10 930 D 10/1	-	-
470153	7MR16 ExpertColor S10 940 D 10/1	-	-
470229	7MR16 ExpertColor Retail S10 930 10/1	-	-
479139	6.5MR16/LED/F25/927/D/EC/12V T20 10/1FB	-	-
479147	6.5MR16/LED/F25/930/D/EC/12V T20 10/1FB	-	-
479162	6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB	-	-
479170	6.5MR16/LED/F35/930/D/EC/12V T20 10/1FB	-	-
470161	7MR16 ExpertColor F25 927 D 10/1	-	-
470187	7MR16 ExpertColor F25 940 D 10/1	-	-
470195	7MR16 ExpertColor F35 927 D 10/1	-	-
470203	7MR16 ExpertColor F35 930 D 10/1	-	-
470211	7MR16 ExpertColor F35 940 D 10/1	-	-
470237	7MR16 ExpertColor Retail F25 930 10/1	-	-
470245	7MR16 ExpertColor Retail F35 930 10/1	-	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
454538	6.5MR16/F25/2700-2200 DIM 12V 10/1	Yes
454546	6.5MR16/F35/2700-2200 DIM 12V 10/1	Yes
457515	8.5MRX16/LED/F25 3000 DIM AF 10/1	Yes
457523	8.5MRX16/LED/F25 4000 DIM AF 10/1	Yes
457531	8.5MRX16/LED/F35 2700 DIM AF 10/1	Yes
457549	8.5MRX16/LED/F35 3000 DIM AF 10/1	Yes
457556	8.5MRX16/LED/F35 4000 DIM AF 10/1	Yes
470336	6.4MR16/F25/3000 DIM 12V 10/1	Yes
470344	6.4MR16/F35/3000 DIM 12V 10/1	Yes
461525	7MR16/LED/S15/827/DIM AF2 10/1	Yes
461533	7MR16/LED/S15/830/DIM AF2 10/1	Yes
461541	7MR16/LED/S15/840/DIM AF2 10/1	Yes
461558	7MR16/LED/F25/827/DIM AF2 10/1	Yes
461566	7MR16/LED/F25/830/DIM AF2 10/1	Yes
461574	7MR16/LED/F25/840/DIM AF2 10/1	Yes
461582	7MR16/LED/F35/827/DIM AF2 10/1	Yes
461590	7MR16/LED/F35/830/DIM AF2 10/1	Yes

Order Code	Full Product Name	Dimmable
461608	7MR16/LED/F35/840/DIM AF2 10/1	Yes
468140	4.5GU10/LED/F35/830/DIM 10/1	Yes
470146	7MR16 ExpertColor S10 930 D 10/1	Yes
470153	7MR16 ExpertColor S10 940 D 10/1	Yes
470229	7MR16 ExpertColor Retail S10 930 10/1	No
479139	6.5MR16/LED/F25/927/D/EC/12V T20 10/1FB	Yes
479147	6.5MR16/LED/F25/930/D/EC/12V T20 10/1FB	Yes
479162	6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB	Yes
479170	6.5MR16/LED/F35/930/D/EC/12V T20 10/1FB	Yes
470161	7MR16 ExpertColor F25 927 D 10/1	Yes
470187	7MR16 ExpertColor F25 940 D 10/1	Yes
470195	7MR16 ExpertColor F35 927 D 10/1	Yes
470203	7MR16 ExpertColor F35 930 D 10/1	Yes
470211	7MR16 ExpertColor F35 940 D 10/1	Yes
470237	7MR16 ExpertColor Retail F25 930 10/1	No
470245	7MR16 ExpertColor Retail F35 930 10/1	No

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)	Starting Time (Nom)
454538	6.5MR16/F25/2700-2200 DIM 12V 10/1	50 to 60 Hz	12 V	35 W	6.5 W	0.5 s
454546	6.5MR16/F35/2700-2200 DIM 12V 10/1	50 to 60 Hz	12 V	35 W	6.5 W	0.5 s
457515	8.5MRX16/LED/F25 3000 DIM AF 10/1	60 Hz	12 V	50 W	8.5 W	0.5 s
457523	8.5MRX16/LED/F25 4000 DIM AF 10/1	60 Hz	12 V	50 W	8.5 W	0.5 s
457531	8.5MRX16/LED/F35 2700 DIM AF 10/1	60 Hz	12 V	50 W	8.5 W	0.5 s

MR16/GU10/PAR16 LED

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)	Starting Time (Nom)
457549	8.5MRX16/LED/F35 3000 DIM AF 10/1	60 Hz	12 V	50 W	8.5 W	0.5 s
457556	8.5MRX16/LED/F35 4000 DIM AF 10/1	60 Hz	12 V	50 W	8.5 W	0.5 s
470336	6.4MR16/F25/3000 DIM 12V 10/1	-	12 V	35 W	6.4 W	0.5 s
470344	6.4MR16/F35/3000 DIM 12V 10/1	-	12 V	35 W	6.4 W	0.6 s
461525	7MR16/LED/S15/827/DIM AF2 10/1	-	12 V	35 W	7 W	0.5 s
461533	7MR16/LED/S15/830/DIM AF2 10/1	-	12 V	35 W	7 W	0.5 s
461541	7MR16/LED/S15/840/DIM AF2 10/1	-	12 V	35 W	7 W	0.5 s
461558	7MR16/LED/F25/827/DIM AF2 10/1	-	12 V	50 W	7 W	0.5 s
461566	7MR16/LED/F25/830/DIM AF2 10/1	-	12 V	50 W	7 W	0.5 s
461574	7MR16/LED/F25/840/DIM AF2 10/1	-	12 V	50 W	7 W	0.5 s
461582	7MR16/LED/F35/827/DIM AF2 10/1	-	12 V	50 W	7 W	0.5 s
461590	7MR16/LED/F35/830/DIM AF2 10/1	-	12 V	50 W	7 W	0.5 s
461608	7MR16/LED/F35/840/DIM AF2 10/1	-	12 V	50 W	7 W	0.5 s
468140	4.5GU10/LED/F35/830/DIM 10/1	60 Hz	120 V	50 W	4.5 W	0.5 s
470146	7MR16 ExpertColor S10 930 D 10/1	-	12 V	30 W	7 W	0.5 s
470153	7MR16 ExpertColor S10 940 D 10/1	-	12 V	30 W	7 W	0.5 s
470229	7MR16 ExpertColor Retail S10 930 10/1	-	12 V	30 W	7 W	0.5 s
479139	6.5MR16/LED/F25/927/D/EC/12V T20 10/1FB	-	ac electronic 12 V	42 W	6.5 W	0.5 s
479147	6.5MR16/LED/F25/930/D/EC/12V T20 10/1FB	-	ac electronic 12 V	42 W	6.5 W	0.5 s
479162	6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB	-	ac electronic 12 V	42 W	6.5 W	0.5 s
479170	6.5MR16/LED/F35/930/D/EC/12V T20 10/1FB	-	ac electronic 12 V	42 W	6.5 W	0.5 s
470161	7MR16 ExpertColor F25 927 D 10/1	-	12 V	42 W	7 W	0.5 s
470187	7MR16 ExpertColor F25 940 D 10/1	-	12 V	42 W	7 W	0.5 s
470195	7MR16 ExpertColor F35 927 D 10/1	-	12 V	42 W	7 W	0.5 s
470203	7MR16 ExpertColor F35 930 D 10/1	-	12 V	42 W	7 W	0.5 s
470211	7MR16 ExpertColor F35 940 D 10/1	-	12 V	42 W	7 W	0.5 s
470237	7MR16 ExpertColor Retail F25 930 10/1	-	12 V	42 W	7 W	0.5 s
470245	7MR16 ExpertColor Retail F35 930 10/1	-	12 V	42 W	7 W	0.5 s

General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
454538	6.5MR16/F25/2700-2200 DIM 12V 10/1	GU5.3	25000 h	25000 h
454546	6.5MR16/F35/2700-2200 DIM 12V 10/1	GU5.3	25000 h	25000 h
457515	8.5MRX16/LED/F25 3000 DIM AF 10/1	GU5.3	25000 h	25000 h
457523	8.5MRX16/LED/F25 4000 DIM AF 10/1	GU5.3	25000 h	25000 h
457531	8.5MRX16/LED/F35 2700 DIM AF 10/1	GU5.3	25000 h	25000 h
457549	8.5MRX16/LED/F35 3000 DIM AF 10/1	GU5.3	25000 h	25000 h
457556	8.5MRX16/LED/F35 4000 DIM AF 10/1	GU5.3	25000 h	25000 h
470336	6.4MR16/F25/3000 DIM 12V 10/1	GU5.3	25000 h	25000 h
470344	6.4MR16/F35/3000 DIM 12V 10/1	GU5.3	25000 h	25000 h
461525	7MR16/LED/S15/827/DIM AF2 10/1	GU5.3	40000 h	40000 h
461533	7MR16/LED/S15/830/DIM AF2 10/1	GU5.3	40000 h	40000 h
461541	7MR16/LED/S15/840/DIM AF2 10/1	GU5.3	40000 h	40000 h
461558	7MR16/LED/F25/827/DIM AF2 10/1	GU5.3	25000 h	25000 h
461566	7MR16/LED/F25/830/DIM AF2 10/1	GU5.3	25000 h	25000 h
461574	7MR16/LED/F25/840/DIM AF2 10/1	GU5.3	25000 h	25000 h
461582	7MR16/LED/F35/827/DIM AF2 10/1	GU5.3	25000 h	25000 h
461590	7MR16/LED/F35/830/DIM AF2 10/1	GU5.3	25000 h	25000 h
461608	7MR16/LED/F35/840/DIM AF2 10/1	GU5.3	25000 h	25000 h
468140	4.5GU10/LED/F35/830/DIM 10/1	GU10	25000 h	25000 h
470146	7MR16 ExpertColor S10 930 D 10/1	GU5.3	40000 h	40000 h
470153	7MR16 ExpertColor S10 940 D 10/1	GU5.3	40000 h	40000 h
470229	7MR16 ExpertColor Retail S10 930 10/1	GU5.3	40000 h	40000 h
479139	6.5MR16/LED/F25/927/D/EC/12V T20 10/1FB	GU5.3	25000 h	25000 h
479147	6.5MR16/LED/F25/930/D/EC/12V T20 10/1FB	GU5.3	25000 h	25000 h
479162	6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB	GU5.3	25000 h	25000 h
479170	6.5MR16/LED/F35/930/D/EC/12V T20 10/1FB	GU5.3	25000 h	25000 h

MR16/GU10/PAR16 LED

Order		Nominal		Rated Lifetime
Code	Full Product Name	Cap-Base	Lifetime (Nom)	(Hours)
470161	7MR16 ExpertColor F25 927 D 10/1	GU5.3	40000 h	40000 h
470187	7MR16 ExpertColor F25 940 D 10/1	GU5.3	40000 h	40000 h
470195	7MR16 ExpertColor F35 927 D 10/1	GU5.3	40000 h	40000 h
470203	7MR16 ExpertColor F35 930 D 10/1	GU5.3	40000 h	40000 h
470211	7MR16 ExpertColor F35 940 D 10/1	GU5.3	40000 h	40000 h

Order		Nominal		Rated Lifetime
Code	Full Product Name	Cap-Base	Lifetime (Nom)	(Hours)
470237	7MR16 ExpertColor Retail F25 930 10/1	GU5.3	40000 h	40000 h
470245	7MR16 ExpertColor Retail F35 930 10/1	GU5.3	40000 h	40000 h

Light Technical (1/2)

		Beam Angle	Correlated Color		Color Rendering	Luminous Flux		Luminous Flux
Order Code	Full Product Name	(Nom)	Color Code	Temperature (Nom)	Index (Nom)	Light Distribution	(Nom)	(Rated) (Nom)
454538	6.5MR16/F25/2700-2200 DIM 12V 10/1	25 °	822-827	2200-2700 K	80	25D	410 lm	410 lm
454546	6.5MR16/F35/2700-2200 DIM 12V 10/1	35 °	822-827	2200-2700 K	80	Medium beam 35°	410 lm	410 lm
457515	8.5MRX16/LED/F25 3000 DIM AF 10/1	25 °	830	3000 K	80	25D	660 lm	660 lm
457523	8.5MRX16/LED/F25 4000 DIM AF 10/1	25 °	841	4000 K	80	25D	710 lm	710 lm
457531	8.5MRX16/LED/F35 2700 DIM AF 10/1	35 °	827	2700 K	80	Medium beam 35°	635 lm	635 lm
457549	8.5MRX16/LED/F35 3000 DIM AF 10/1	35 °	830	3000 K	80	Medium beam 35°	660 lm	660 lm
457556	8.5MRX16/LED/F35 4000 DIM AF 10/1	35 °	841	4000 K	80	Medium beam 35°	710 lm	710 lm
470336	6.4MR16/F25/3000 DIM 12V 10/1	25 °	830	3000 K	80	24D	450 lm	450 lm
470344	6.4MR16/F35/3000 DIM 12V 10/1	35 °	830	3000 K	80	36D	450 lm	450 lm
461525	7MR16/LED/S15/827/DIM AF2 10/1	15 °	827	2700 K	80	15D	500 lm	-
461533	7MR16/LED/S15/830/DIM AF2 10/1	15 °	930	3000 K	90	15D	500 lm	-
461541	7MR16/LED/S15/840/DIM AF2 10/1	15 °	940	4000 K	90	15D	530 lm	-
461558	7MR16/LED/F25/827/DIM AF2 10/1	25 °	827	2700 K	80	25D	500 lm	500 lm
461566	7MR16/LED/F25/830/DIM AF2 10/1	25 °	930	3000 K	90	25D	500 lm	500 lm
461574	7MR16/LED/F25/840/DIM AF2 10/1	25 °	940	4000 K	90	25D	530 lm	530 lm
461582	7MR16/LED/F35/827/DIM AF2 10/1	35 °	827	2700 K	80	36D	500 lm	500 lm
461590	7MR16/LED/F35/830/DIM AF2 10/1	35 °	930	3000 K	90	Medium beam 35°	500 lm	500 lm
461608	7MR16/LED/F35/840/DIM AF2 10/1	35 °	940	4000 K	90	Medium beam 35°	530 lm	530 lm
468140	4.5GU10/LED/F35/830/DIM 10/1	35 °	830	3000 K	80	-	400 lm	400 lm
470146	7MR16 ExpertColor S10 930 D 10/1	10 °	930	3000 K	95	-	460 lm	460 lm
470153	7MR16 ExpertColor S10 940 D 10/1	10 °	940	4000 K	95	-	460 lm	460 lm
470229	7MR16 ExpertColor Retail S10 930 10/1	10 °	930	3000 K	90	-	430 lm	430 lm
479139	6.5MR16/LED/F25/927/D/EC/12V T20 10/1FB	25 °	927	2700 K	91	-	485 lm	485 lm
479147	6.5MR16/LED/F25/930/D/EC/12V T20 10/1FB	25 °	930	3000 K	91	-	485 lm	485 lm
479162	6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB	35 °	927	2700 K	91	-	485 lm	485 lm
479170	6.5MR16/LED/F35/930/D/EC/12V T20 10/1FB	35 °	930	3000 K	91	-	485 lm	485 lm
470161	7MR16 ExpertColor F25 927 D 10/1	25 °	927	2700 K	95	-	430 lm	430 lm
470187	7MR16 ExpertColor F25 940 D 10/1	25 °	940	4000 K	95	-	460 lm	460 lm
470195	7MR16 ExpertColor F35 927 D 10/1	35 °	927	2700 K	95	-	430 lm	430 lm
470203	7MR16 ExpertColor F35 930 D 10/1	35 °	930	3000 K	95	-	460 lm	460 lm
470211	7MR16 ExpertColor F35 940 D 10/1	35 °	940	4000 K	95	-	460 lm	460 lm
470237	7MR16 ExpertColor Retail F25 930 10/1	25 °	930	3000 K	90	-	430 lm	430 lm
470245	7MR16 ExpertColor Retail F35 930 10/1	35 °	930	3000 K	90	-	430 lm	430 lm

Light Technical (2/2)

Order Code	Full Product Name	Luminous Intensity (Nom)	Rated Beam Angle
454538	6.5MR16/F25/2700-2200 DIM 12V 10/1	1800 cd	25 °

Order Code	Full Product Name	Luminous Intensity (Nom)	Rated Beam Angle
454546	6.5MR16/F35/2700-2200 DIM 12V 10/1	900 cd	35 °

MR16/GU10/PAR16 LED

Order Code	Full Product Name	Luminous Intensity	Rated Beam
		(Nom)	Angle
457515	8.5MRX16/LED/F25 3000 DIM AF 10/1	3250 cd	25 °
457523	8.5MRX16/LED/F25 4000 DIM AF 10/1	3350 cd	25 °
457531	8.5MRX16/LED/F35 2700 DIM AF 10/1	1650 cd	35 °
457549	8.5MRX16/LED/F35 3000 DIM AF 10/1	1700 cd	35 °
457556	8.5MRX16/LED/F35 4000 DIM AF 10/1	1750 cd	35 °
470336	6.4MR16/F25/3000 DIM 12V 10/1	1800 cd	25 °
470344	6.4MR16/F35/3000 DIM 12V 10/1	1000 cd	35 °
461525	7MR16/LED/S15/827/DIM AF2 10/1	2800 cd	15 °
461533	7MR16/LED/S15/830/DIM AF2 10/1	2950 cd	15 °
461541	7MR16/LED/S15/840/DIM AF2 10/1	3050 cd	15 °
461558	7MR16/LED/F25/827/DIM AF2 10/1	2400 cd	25 °
461566	7MR16/LED/F25/830/DIM AF2 10/1	2500 cd	25 °
461574	7MR16/LED/F25/840/DIM AF2 10/1	2600 cd	25 °
461582	7MR16/LED/F35/827/DIM AF2 10/1	1320 cd	35 °
461590	7MR16/LED/F35/830/DIM AF2 10/1	1350 cd	35 °
461608	7MR16/LED/F35/840/DIM AF2 10/1	1400 cd	35 °
468140	4.5GU10/LED/F35/830/DIM 10/1	750 cd	35 °
470146	7MR16 ExpertColor S10 930 D 10/1	5000 cd	10 °

Order Code	Full Product Name	Luminous Intensity	Rated Beam
		(Nom)	Angle
470153	7MR16 ExpertColor S10 940 D 10/1	5000 cd	10 °
470229	7MR16 ExpertColor Retail S10 930 10/1	4600 cd	10 °
479139	6.5MR16/LED/F25/927/D/EC/12V T20 10/1FB	1960 cd	25 °
479147	6.5MR16/LED/F25/930/D/EC/12V T20 10/1FB	1960 cd	25 °
479162	6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB	1110 cd	35 °
479170	6.5MR16/LED/F35/930/D/EC/12V T20 10/1FB	1110 cd	35 °
470161	7MR16 ExpertColor F25 927 D 10/1	2200 cd	25 °
470187	7MR16 ExpertColor F25 940 D 10/1	2350 cd	25 °
470195	7MR16 ExpertColor F35 927 D 10/1	1300 cd	35 °
470203	7MR16 ExpertColor F35 930 D 10/1	1400 cd	35 °
470211	7MR16 ExpertColor F35 940 D 10/1	1400 cd	35 °
470237	7MR16 ExpertColor Retail F25 930 10/1	2200 cd	25 °
470245	7MR16 ExpertColor Retail F35 930 10/1	1300 cd	35 °

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
454538	6.5MR16/F25/2700-2200 DIM 12V 10/1	MR16
454546	6.5MR16/F35/2700-2200 DIM 12V 10/1	MR16
457515	8.5MRX16/LED/F25 3000 DIM AF 10/1	MR16
457523	8.5MRX16/LED/F25 4000 DIM AF 10/1	MR16
457531	8.5MRX16/LED/F35 2700 DIM AF 10/1	MR16
457549	8.5MRX16/LED/F35 3000 DIM AF 10/1	MR16
457556	8.5MRX16/LED/F35 4000 DIM AF 10/1	MR16
470336	6.4MR16/F25/3000 DIM 12V 10/1	MR16
470344	6.4MR16/F35/3000 DIM 12V 10/1	MR16
461525	7MR16/LED/S15/827/DIM AF2 10/1	MR16
461533	7MR16/LED/S15/830/DIM AF2 10/1	MR16
461541	7MR16/LED/S15/840/DIM AF2 10/1	MR16
461558	7MR16/LED/F25/827/DIM AF2 10/1	MR16
461566	7MR16/LED/F25/830/DIM AF2 10/1	MR16
461574	7MR16/LED/F25/840/DIM AF2 10/1	MR16
461582	7MR16/LED/F35/827/DIM AF2 10/1	MR16
461590	7MR16/LED/F35/830/DIM AF2 10/1	MR16

Order Code	Full Product Name	Bulb Shape
461608	7MR16/LED/F35/840/DIM AF2 10/1	MR16
468140	4.5GU10/LED/F35/830/DIM 10/1	PAR16
470146	7MR16 ExpertColor S10 930 D 10/1	MR16
470153	7MR16 ExpertColor S10 940 D 10/1	MR16
470229	7MR16 ExpertColor Retail S10 930 10/1	MR16
479139	6.5MR16/LED/F25/927/D/EC/12V T20 10/1FB	MR16
479147	6.5MR16/LED/F25/930/D/EC/12V T20 10/1FB	MR16
479162	6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB	MR16
479170	6.5MR16/LED/F35/930/D/EC/12V T20 10/1FB	MR16
470161	7MR16 ExpertColor F25 927 D 10/1	MR16
470187	7MR16 ExpertColor F25 940 D 10/1	MR16
470195	7MR16 ExpertColor F35 927 D 10/1	MR16
470203	7MR16 ExpertColor F35 930 D 10/1	MR16
470211	7MR16 ExpertColor F35 940 D 10/1	MR16
470237	7MR16 ExpertColor Retail F25 930 10/1	MR16
470245	7MR16 ExpertColor Retail F35 930 10/1	MR16

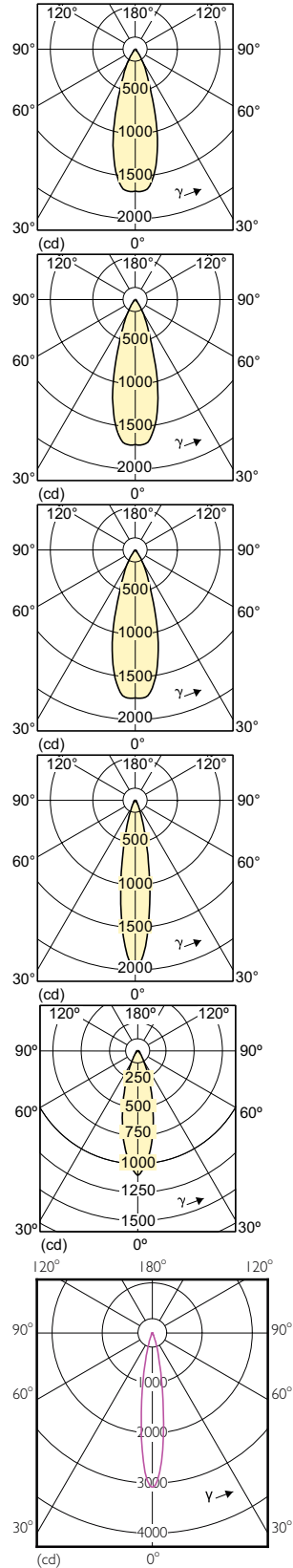
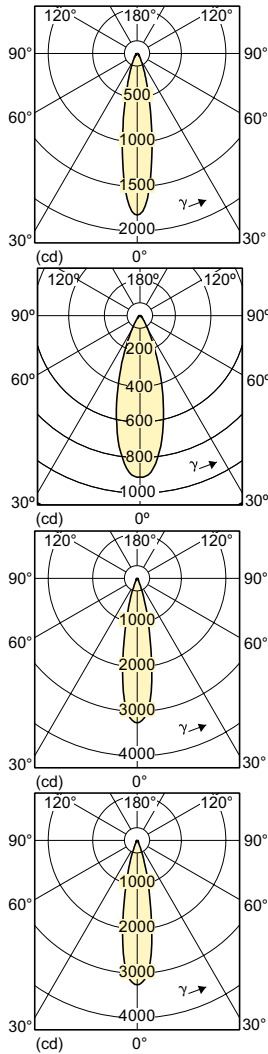
Temperature

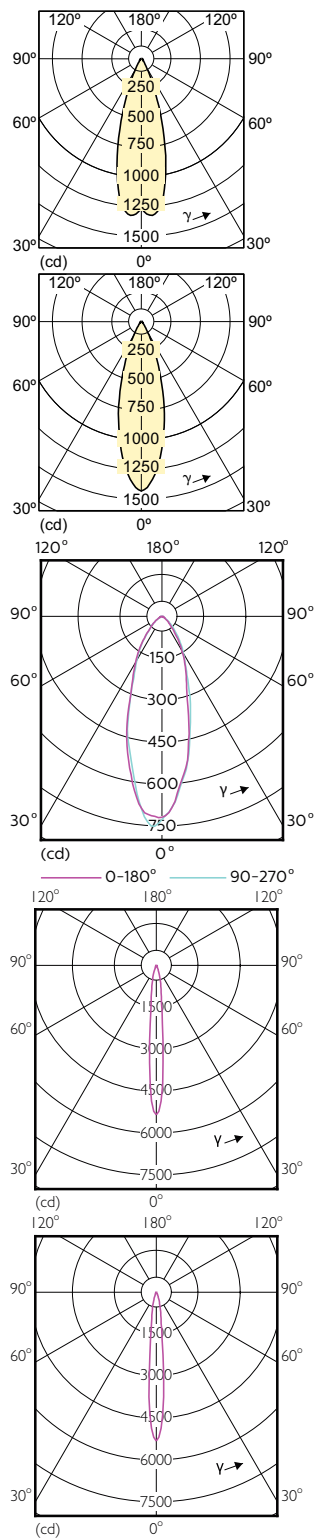
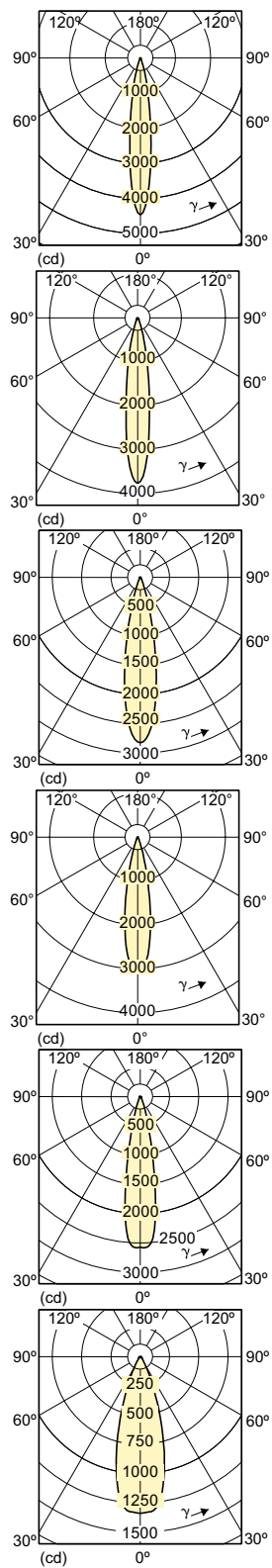
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454546	6.5MR16/F35/2700-2200 DIM 12V 10/1	-
457515	8.5MRX16/LED/F25 3000 DIM AF 10/1	105 °C
457523	8.5MRX16/LED/F25 4000 DIM AF 10/1	105 °C
457531	8.5MRX16/LED/F35 2700 DIM AF 10/1	105 °C
457549	8.5MRX16/LED/F35 3000 DIM AF 10/1	105 °C
457556	8.5MRX16/LED/F35 4000 DIM AF 10/1	105 °C

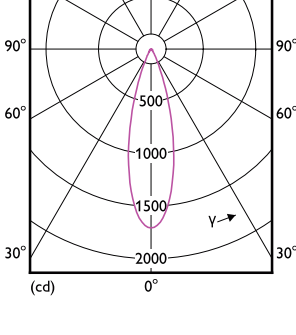
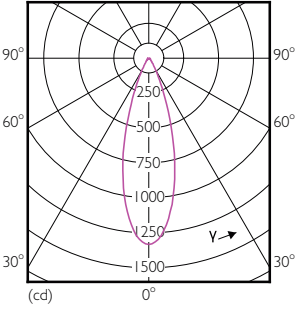
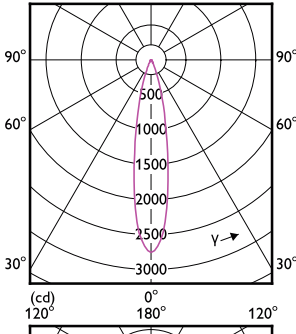
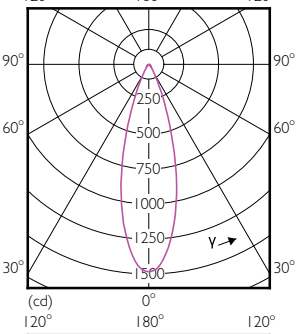
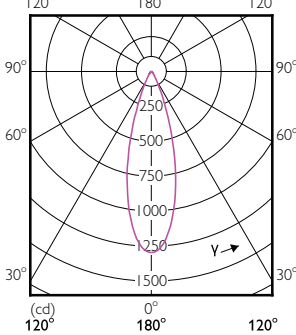
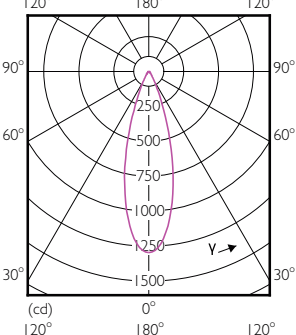
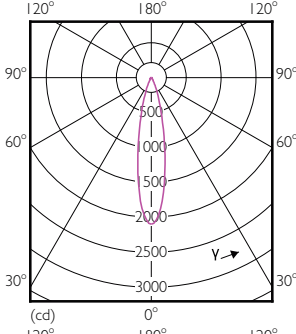
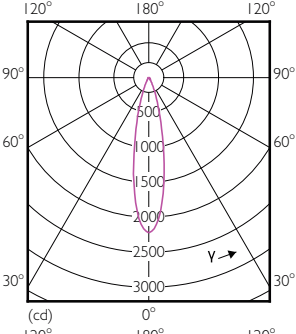
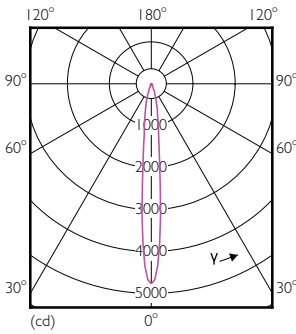
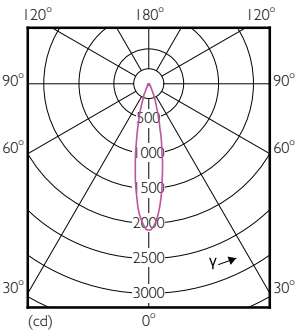
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470336	6.4MR16/F25/3000 DIM 12V 10/1	100 °C
470344	6.4MR16/F35/3000 DIM 12V 10/1	100 °C
461525	7MR16/LED/S15/827/DIM AF2 10/1	92 °C
461533	7MR16/LED/S15/830/DIM AF2 10/1	92 °C
461541	7MR16/LED/S15/840/DIM AF2 10/1	92 °C
461558	7MR16/LED/F25/827/DIM AF2 10/1	92 °C
461566	7MR16/LED/F25/830/DIM AF2 10/1	92 °C

MR16/GU10/PAR16 LED

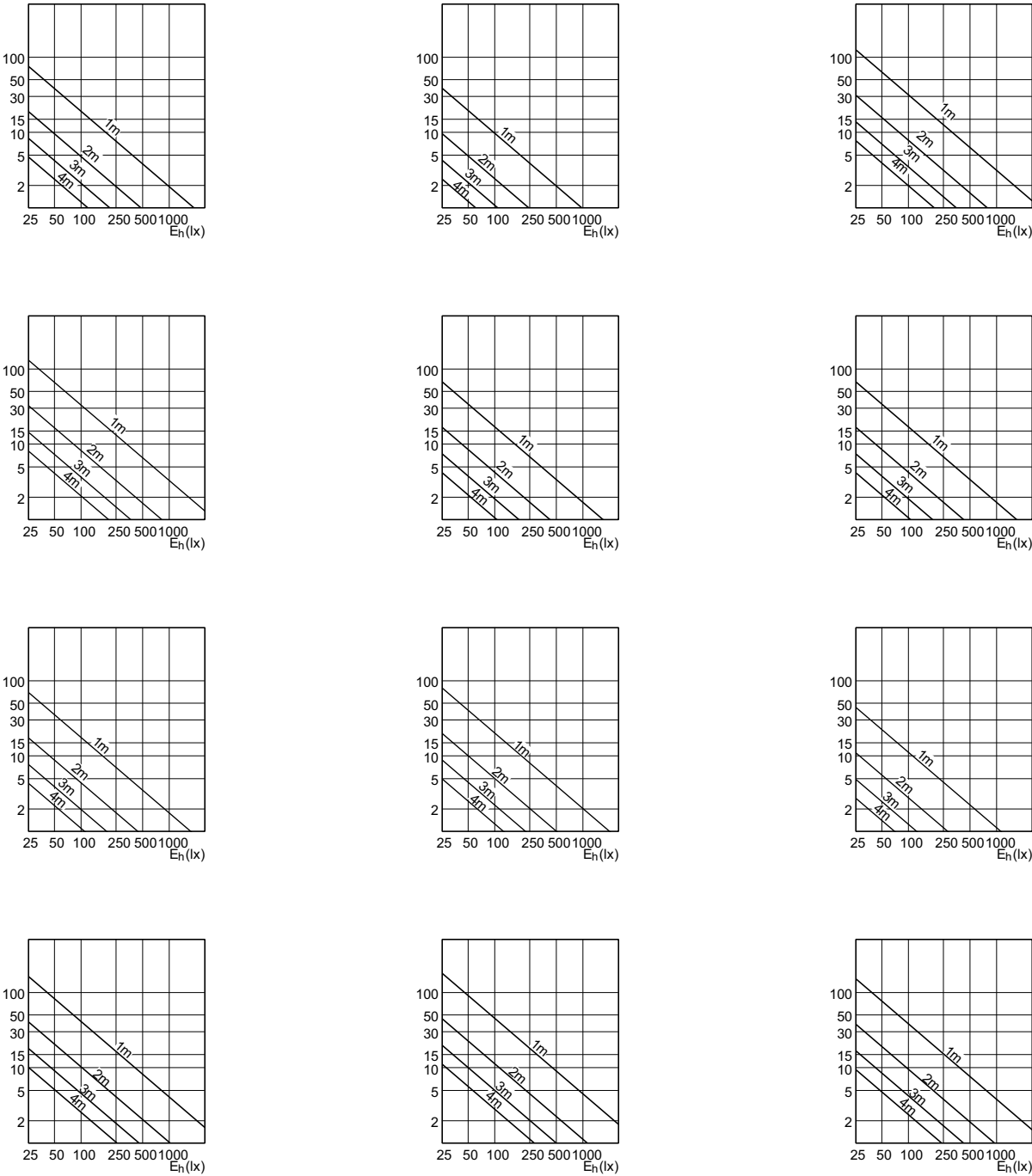
Order Code	Full Product Name	T-Case Maximum (Nom)
461574	7MR16/LED/F25/840/DIM AF2 10/1	92 °C
461582	7MR16/LED/F35/827/DIM AF2 10/1	92 °C
461590	7MR16/LED/F35/830/DIM AF2 10/1	92 °C
461608	7MR16/LED/F35/840/DIM AF2 10/1	92 °C
468140	4.5GU10/LED/F35/830/DIM 10/1	80 °C
470146	7MR16 ExpertColor S10 930 D 10/1	92 °C
470153	7MR16 ExpertColor S10 940 D 10/1	92 °C
470229	7MR16 ExpertColor Retail S10 930 10/1	90 °C
479139	6.5MR16/LED/F25/927/D/EC/12V T20 10/1FB	92 °C
479147	6.5MR16/LED/F25/930/D/EC/12V T20 10/1FB	92 °C
479162	6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB	92 °C
479170	6.5MR16/LED/F35/930/D/EC/12V T20 10/1FB	92 °C
470161	7MR16 ExpertColor F25 927 D 10/1	92 °C
470187	7MR16 ExpertColor F25 940 D 10/1	92 °C
470195	7MR16 ExpertColor F35 927 D 10/1	92 °C
470203	7MR16 ExpertColor F35 930 D 10/1	92 °C
470211	7MR16 ExpertColor F35 940 D 10/1	92 °C
470237	7MR16 ExpertColor Retail F25 930 10/1	90 °C
470245	7MR16 ExpertColor Retail F35 930 10/1	90 °C



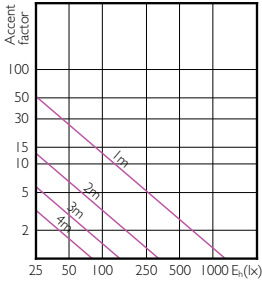
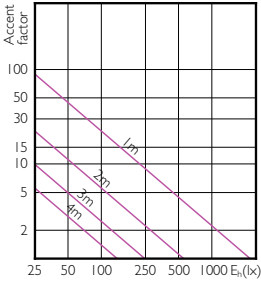
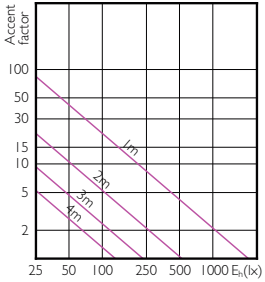
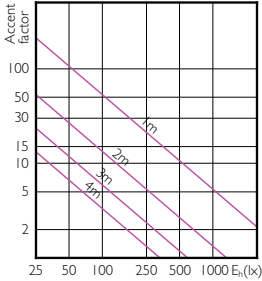
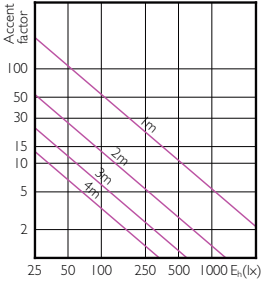
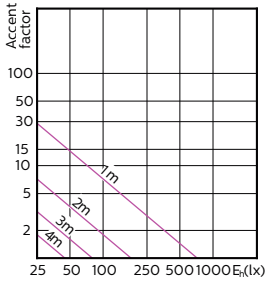
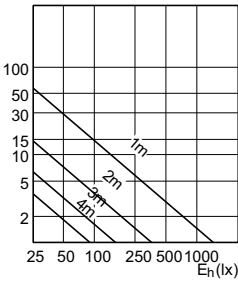
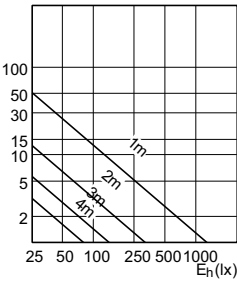
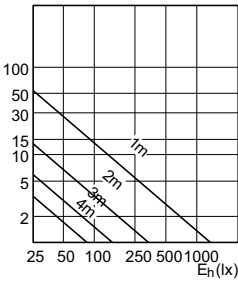
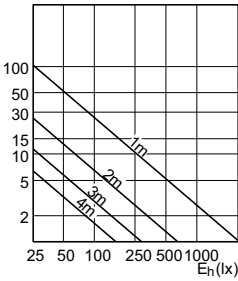
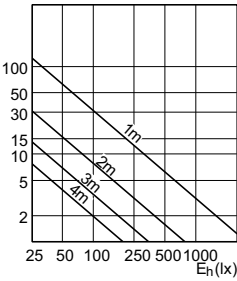
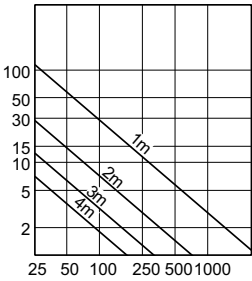




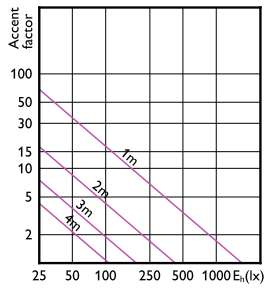
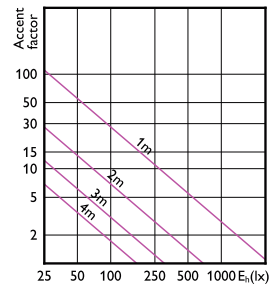
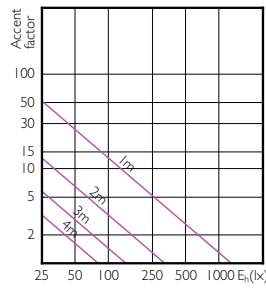
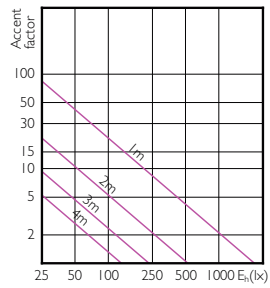
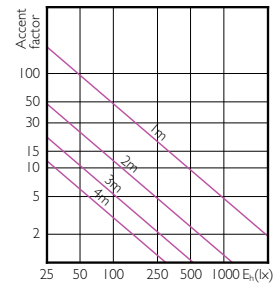
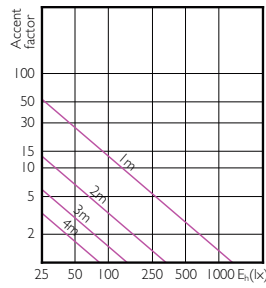
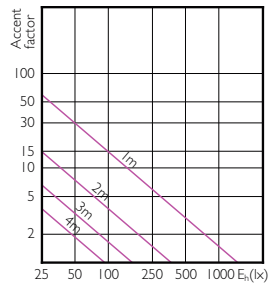
Accent Diagrams



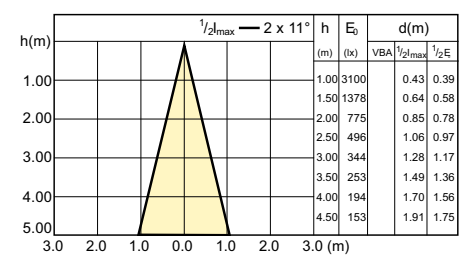
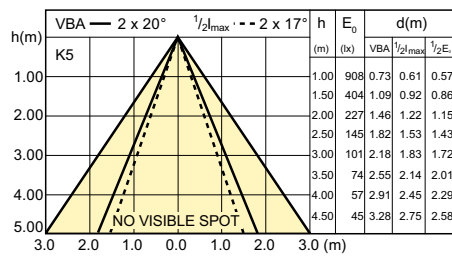
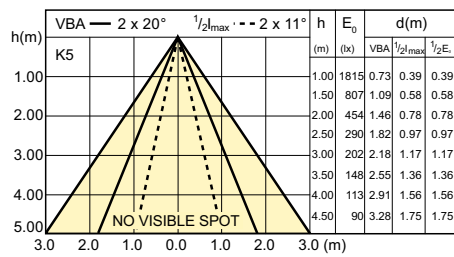
Accent Diagrams



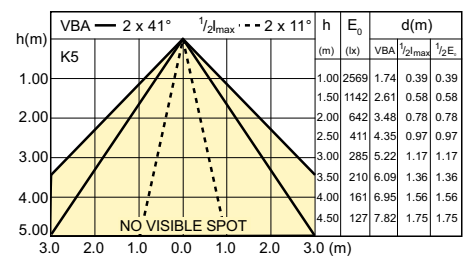
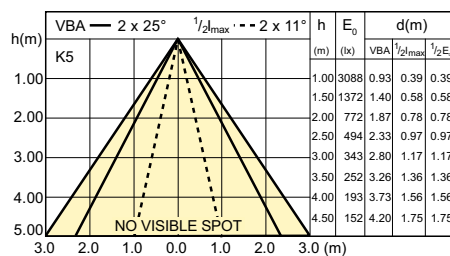
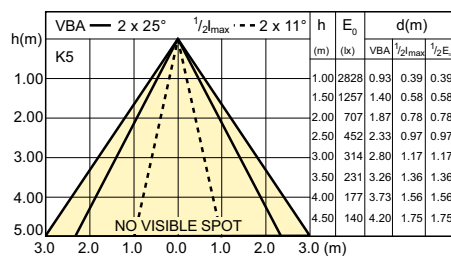
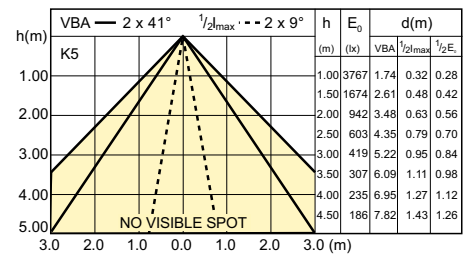
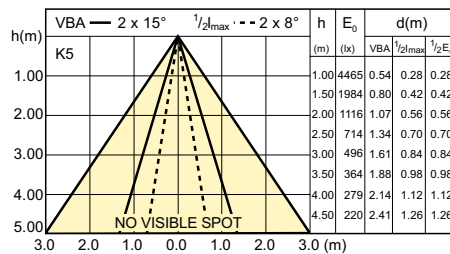
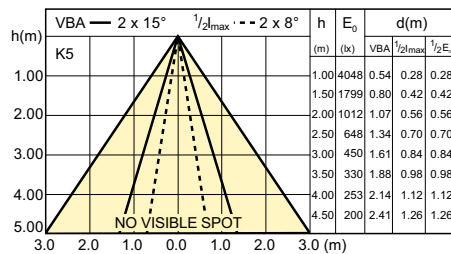
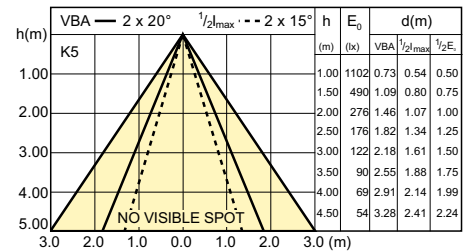
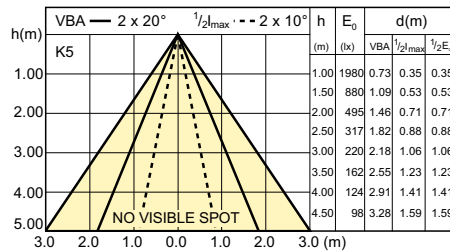
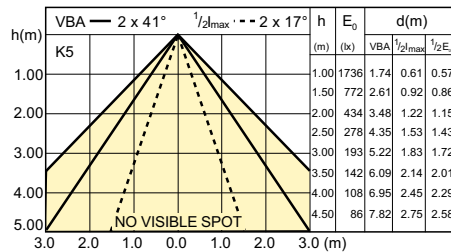
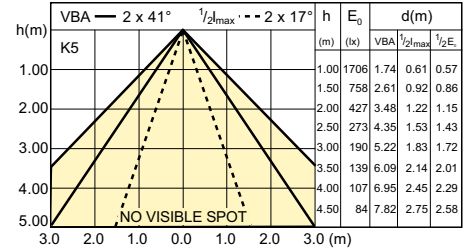
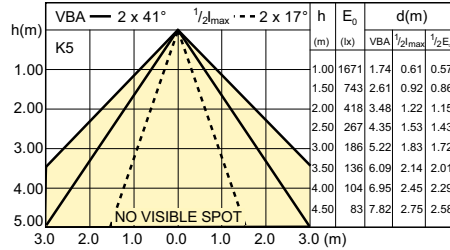
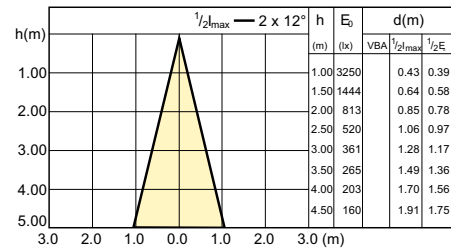
Accent Diagrams



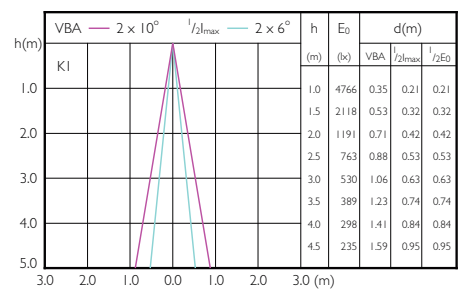
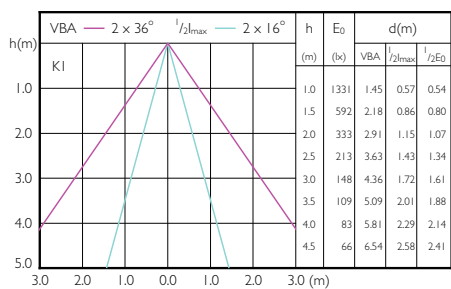
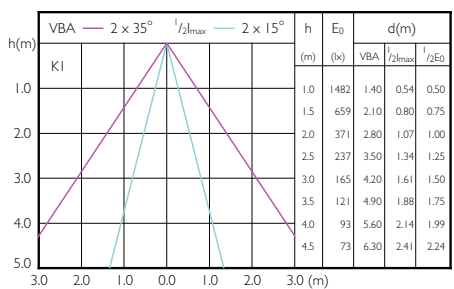
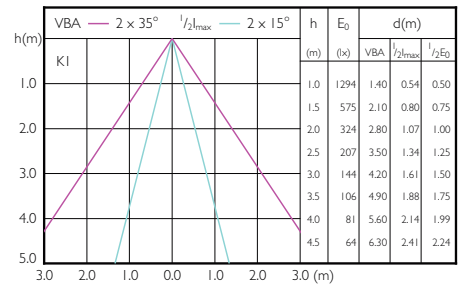
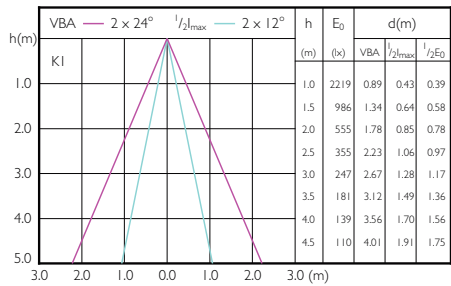
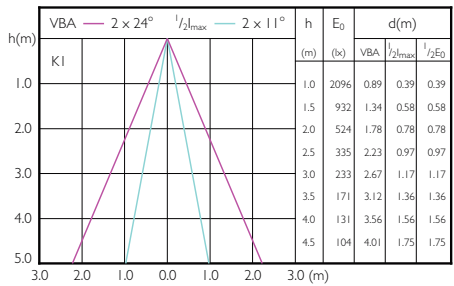
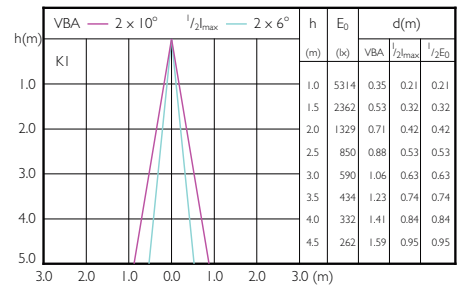
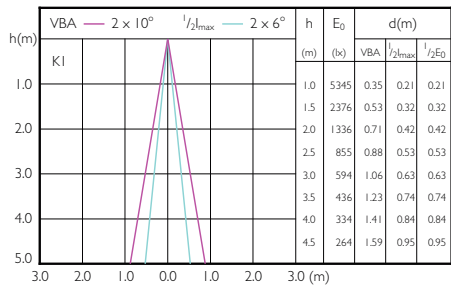
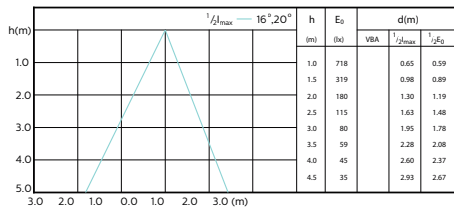
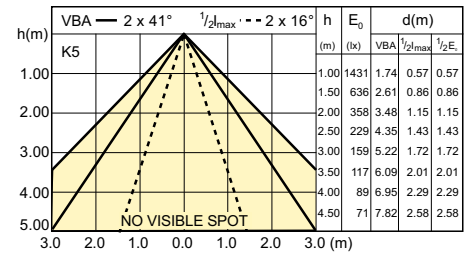
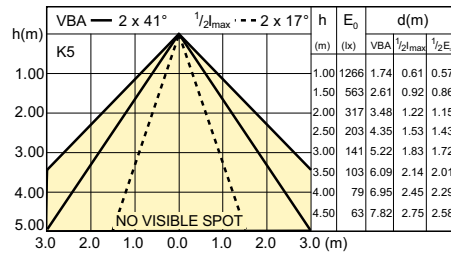
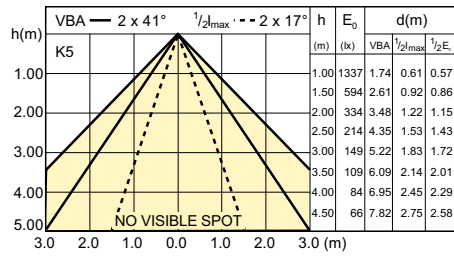
Beam Diagrams



Beam Diagrams



Beam Diagrams



MR16/GU10/PAR16 LED

Beam Diagrams

