



Zeer energiezuinig spot met helder wit licht

MASTERLine ES

Laagspanningshalogeenbrander met zeer hoog energierendement en lange levensduur dankzij IRR-coating in glazen reflector. Ideale oplossing voor kleine decoratieve armaturen; plaats uw objecten in de schijnwerpers. Koudlichtspiegelcoating voorkomt warmteoverdracht naar het object.

Voordelen

- Helder, sprankelend halogeenlicht om uw objecten in de schijnwerpers te plaatsen
- Volledig dimbaar, van 0 tot 100%, om te voldoen aan verschillende helderheidseisen
- Laagste vervangingskosten dankzij extra lange levensduur

Kenmerken

- Licht van superieure kwaliteit met een uitstekende kleurweergave-index ($R_a=100$)
- Koudlichtspiegelcoating
- Levensduur: 5000 uur
- Universele brandstand
- Start onmiddellijk

Toepassing

- Accentverlichtingsspot voor het scheppen van de juiste sfeer in hotels, restaurants en winkels

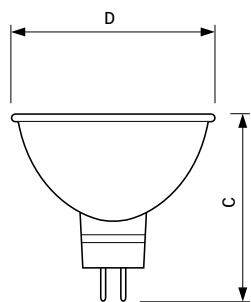
MASTERLine ES

Versions



GU5.3, MR16

Maatschets



Product	D (max)	C1 (max)
MASTERLine ES 35W GU5.3 12V 24D 1CT/4X5F	51 mm	50,5 mm
MASTERLine ES 35W GU5.3 12V 60D 1CT/4X5F	51 mm	50,5 mm
MASTERLine ES 30W GU5.3 12V 36D 1CT/4X5F	51 mm	50,5 mm
MASTERLine ES 45W GU5.3 12V 36D 1CT/4X5F	51 mm	50,5 mm
MASTERLine ES 30W GU5.3 12V 24D 1CT/4X5F	51 mm	50,5 mm
MASTERLine ES 20W GU5.3 12V 36D 1CT/4X5F	51 mm	50,5 mm
MASTERLine ES 35W GU5.3 12V 36D 1CT/4X5F	51 mm	50,5 mm
MASTERLine ES 45W GU5.3 12V 60D 1CT/4X5F	51 mm	50,5 mm

MASTERLine ES

Goedkeuring en Toepassing

Energy Efficiency Label (EEL) B

Regelsystemen en Dimmers

Dimbaar Ja

Bedrijfs- en Elektrische gegevens

Spanning (nom.) 12 V

Starting Time (Nom) 0,0 s

Opwarmtijd tot 60% lichtopbrengst (nom.) instant full light

Algemene informatie

Lampvoet GU5.3

Nominal Lifetime (Nom) 5000 h

Gebruiksstand UNIVERSAL

Rated Lifetime (Hours) 5000 h

Schakelcyclus 20.000X

Eisen aan armatuurontwerp

Correlated Color Temperature (Nom) 3000 K

Color Rendering Index (Nom) 100

Llmf At End Of Nominal Lifetime (Min) 80 %

Mechanische eigenschappen en Behuizing

Lampvorm MR16

Goedkeuring en Toepassing

Order Code	Full Product Name	Energy Consumption kWh/1000 h
41367371	MASTERLine ES 20W GU5.3 12V 36D 1CT/4X5F	21 kWh
41375871	MASTERLine ES 30W GU5.3 12V 24D 1CT/4X5F	32 kWh
41378971	MASTERLine ES 30W GU5.3 12V 36D 1CT/4X5F	32 kWh
41397071	MASTERLine ES 35W GU5.3 12V 24D 1CT/4X5F	37 kWh
42432771	MASTERLine ES 35W GU5.3 12V 36D 1CT/4X5F	37 kWh
42435871	MASTERLine ES 35W GU5.3 12V 60D 1CT/4X5F	37 kWh
42444071	MASTERLine ES 45W GU5.3 12V 36D 1CT/4X5F	48 kWh
42447171	MASTERLine ES 45W GU5.3 12V 60D 1CT/4X5F	48 kWh

Bedrijfs- en Elektrische gegevens

Order Code	Full Product Name	Lamp Current (Nom)	Overeenkomstig vermogen	Power (Rated) (Nom)
41367371	MASTERLine ES 20W GU5.3 12V 36D 1CT/4X5F	2 A	35 W	20.0 W
41375871	MASTERLine ES 30W GU5.3 12V 24D 1CT/4X5F	3 A	50 W	30.0 W
41378971	MASTERLine ES 30W GU5.3 12V 36D 1CT/4X5F	3 A	50 W	30.0 W
41397071	MASTERLine ES 35W GU5.3 12V 24D 1CT/4X5F	2,92 A	56 W	35.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Overeenkomstig vermogen	Power (Rated) (Nom)
42432771	MASTERLine ES 35W GU5.3 12V 36D 1CT/4X5F	2,92 A	56 W	35.0 W
42435871	MASTERLine ES 35W GU5.3 12V 60D 1CT/4X5F	2,92 A	56 W	35.0 W
42444071	MASTERLine ES 45W GU5.3 12V 36D 1CT/4X5F	3,75 A	68 W	45.0 W
42447171	MASTERLine ES 45W GU5.3 12V 60D 1CT/4X5F	3,75 A	68 W	45.0 W

Algemene informatie

Order Code	Full Product Name	Philips-code
41367371	MASTERLine ES 20W GU5.3 12V 36D 1CT/4X5F	18133
41375871	MASTERLine ES 30W GU5.3 12V 24D 1CT/4X5F	18135
41378971	MASTERLine ES 30W GU5.3 12V 36D 1CT/4X5F	18136
41397071	MASTERLine ES 35W GU5.3 12V 24D 1CT/4X5F	18139

Order Code	Full Product Name	Philips-code
42432771	MASTERLine ES 35W GU5.3 12V 36D 1CT/4X5F	18140
42435871	MASTERLine ES 35W GU5.3 12V 60D 1CT/4X5F	18141
42444071	MASTERLine ES 45W GU5.3 12V 36D 1CT/4X5F	18144
42447171	MASTERLine ES 45W GU5.3 12V 60D 1CT/4X5F	18145

Luminaire Design Requirements

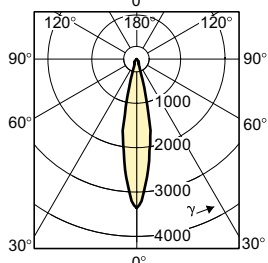
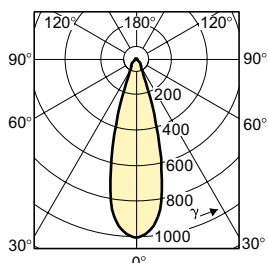
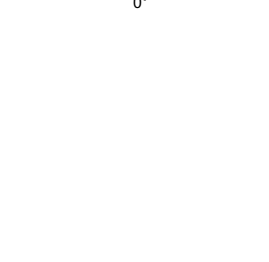
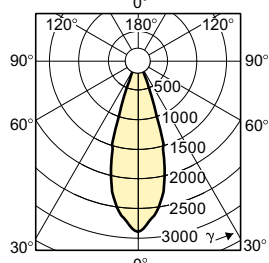
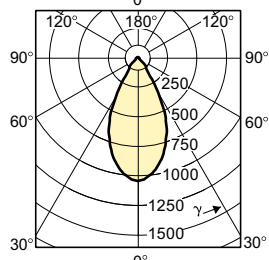
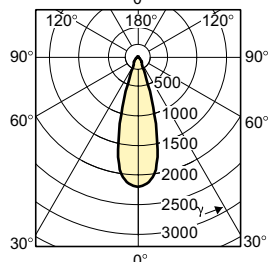
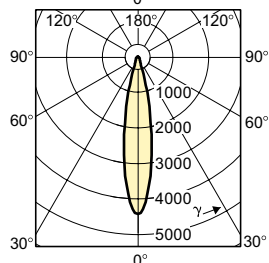
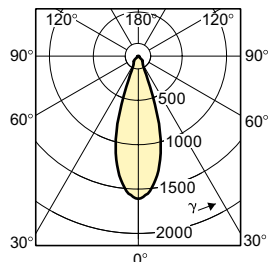
MASTERLine ES

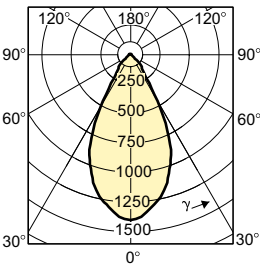
Order Code	Full Product Name	Lamp temperatuur (max.)
41367371	MASTERLine ES 20W GU5.3 12V 36D 1CT/4X5F	250 °C
41375871	MASTERLine ES 30W GU5.3 12V 24D 1CT/4X5F	380 °C
41378971	MASTERLine ES 30W GU5.3 12V 36D 1CT/4X5F	380 °C
41397071	MASTERLine ES 35W GU5.3 12V 24D 1CT/4X5F	380 °C

Order Code	Full Product Name	Lamp temperatuur (max.)
42432771	MASTERLine ES 35W GU5.3 12V 36D 1CT/4X5F	380 °C
42435871	MASTERLine ES 35W GU5.3 12V 60D 1CT/4X5F	380 °C
42444071	MASTERLine ES 45W GU5.3 12V 36D 1CT/4X5F	410 °C
42447171	MASTERLine ES 45W GU5.3 12V 60D 1CT/4X5F	410 °C

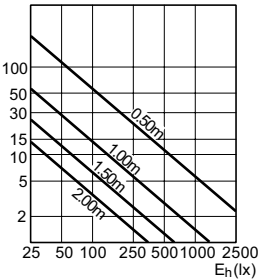
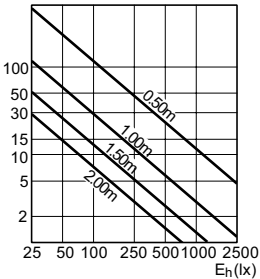
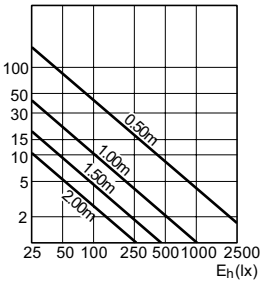
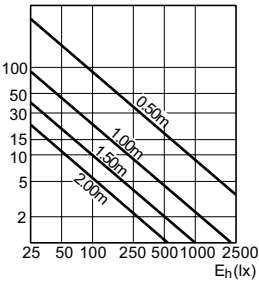
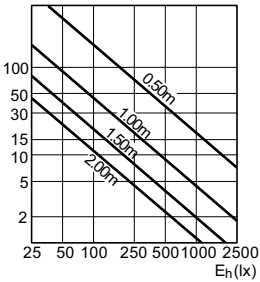
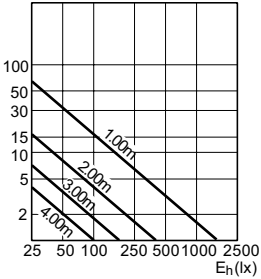
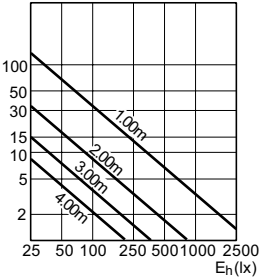
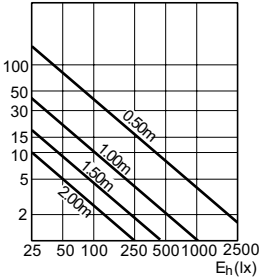
Eisen aan armatuurontwerp

Order Code	Full Product Name	Beam Angle (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Max)	Rated Beam Angle
41367371	MASTERLine ES 20W GU5.3 12V 36D 1CT/4X5F	36 °	300 lm	1000 cd	36 °
41375871	MASTERLine ES 30W GU5.3 12V 24D 1CT/4X5F	24 °	540 lm	3150 cd	24 °
41378971	MASTERLine ES 30W GU5.3 12V 36D 1CT/4X5F	36 °	540 lm	1600 cd	36 °
41397071	MASTERLine ES 35W GU5.3 12V 24D 1CT/4X5F	24 °	640 lm	4100 cd	24 °
42432771	MASTERLine ES 35W GU5.3 12V 36D 1CT/4X5F	36 °	640 lm	2200 cd	36 °
42435871	MASTERLine ES 35W GU5.3 12V 60D 1CT/4X5F	60 °	640 lm	1050 cd	60 °
42444071	MASTERLine ES 45W GU5.3 12V 36D 1CT/4X5F	36 °	830 lm	2850 cd	36 °
42447171	MASTERLine ES 45W GU5.3 12V 60D 1CT/4X5F	60 °	830 lm	1300 cd	60 °

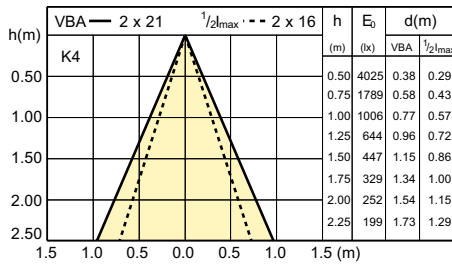




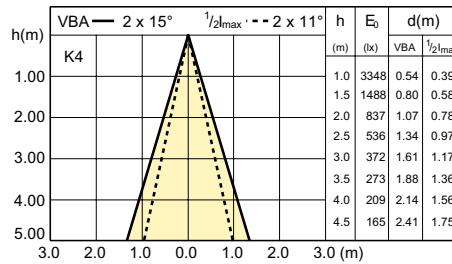
Accent Diagrams



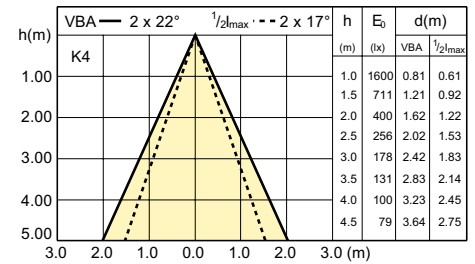
Beam Diagrams



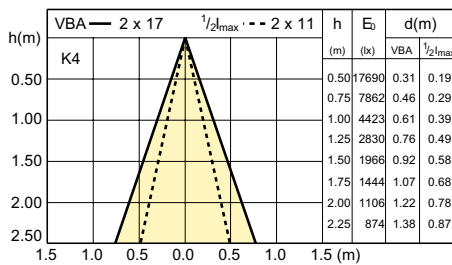
LDBE_HMLES_20W_36D-Beam diagram



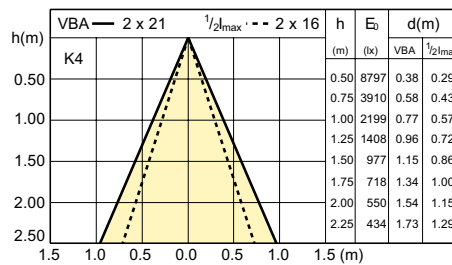
LDBE_HMLES_30W_24D-Beam diagram



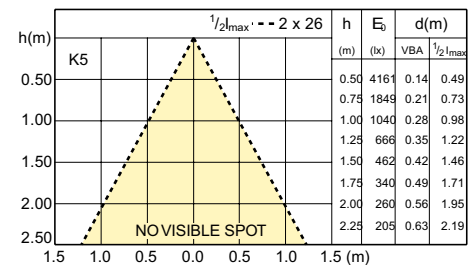
LDBE_HMLES_30W_36D-Beam diagram



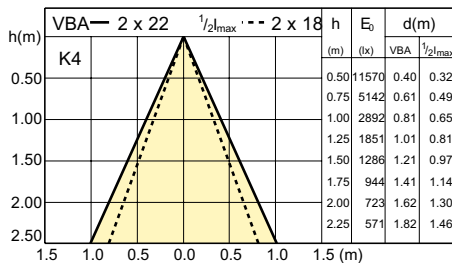
LDBE_HMLES_35W_24D-Beam diagram



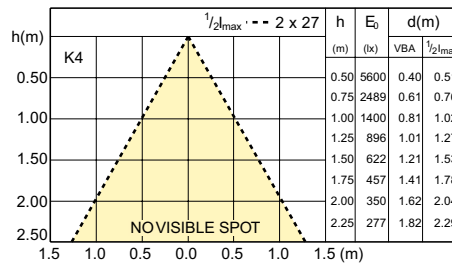
LDBE_HMLES_35W_36D-Beam diagram



LDBE_HMLES_35W_60D-Beam diagram



LDBE_HMLES_45W_36D-Beam diagram



LDBE_HMLES_45W_60D-Beam diagram

