

LV with reflector

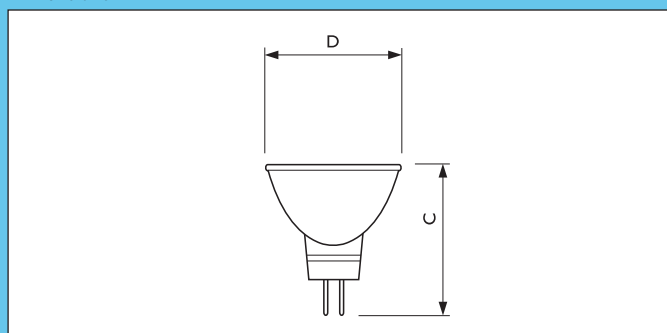


DICHRO GU5.3 24D



DICHRO GU5.3 36D

Dimensions in mm



Brilliantline Pro Dichroic

Product Description

- Low-voltage, xenon gas-filled halogen burner with axial filament optically positioned in a dichroic coated glass reflector

Product Feature

- High-intensity beam with a clearly defined beam spread
- Reflector has a light-reflecting, light-transmitting hard dichroic coating
- Constant high quality and aesthetics maintained over lifetime
- Wide range of 35mm and 50 mm types
- UV-Block front glass
- Excellent color rendering
- GU5.3 base for extra retention in luminaire

Product Benefit

- Cool beam as a large part of the heat generated is transmitted backwards through the back glass
- Energy saving of up to 30% compared with standard dichroics
- Increased comfort and (where applicable) lower cooling costs through up to 30% lower heat transmission
- Up to 33% more lifetime (4,000 hours) compared with standard conventional halogen dichroics

Application

- Ideally suited for accent, task and decorative lighting in shops, stores, hotels, restaurants etc.

Luminaires

- Can be used in luminaires without a front glass in accordance with IEC 598

Product ID	Overall length	Diameter
	C max.	D max.
20W	40	35.3
35W	46	50.8
50W	46	50.8



DICHRO GU5.3 10D



DICHRO GU5.3 60D

Preferred selection

Product ID	Rated Lamp Wattage [W]	Voltage [V]	ANSI	Beam angle	Cap Base	Luminous Intensity [cd]	Life to 50% Failures [hrs]
Brilliantline Pro	20W	12V	ESX	10D	GU5.3	5000	4000
Brilliantline Pro	20W	12V	BBF	24D	GU5.3	1800	4000
Brilliantline Pro	20W	12V	BAB	30D	GU5.3	780	4000
Brilliantline Pro	35W	12V	FRB	10D	GU5.3	8000	4000
Brilliantline Pro	35W	12V	FRA	24D	GU5.3	3100	4000
Brilliantline Pro	35W	12V	FMW	36D	GU5.3	1500	4000
Brilliantline Pro	50W	12V	EXT	10D	GU5.3	13000	4000
Brilliantline Pro	50W	12V	EXZ	24D	GU5.3	4400	4000
Brilliantline Pro	50W	12V	EXN	36D	GU5.3	2200	4000

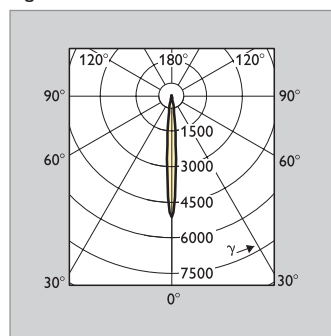
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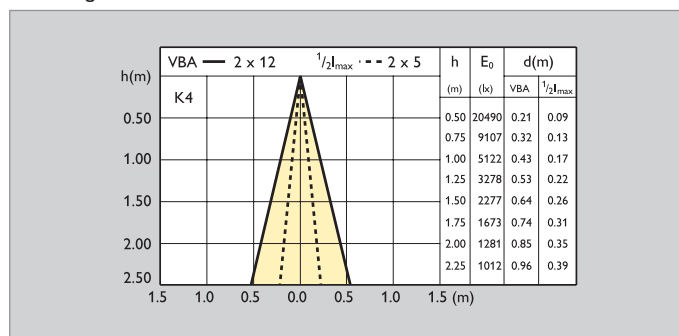
Photometric diagrams

Brilliantline 20W G4 12V 10D

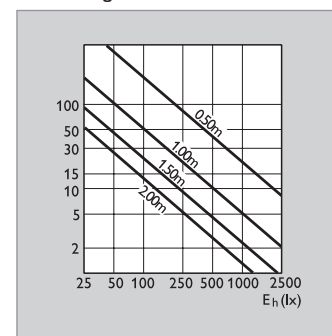
Light distribution curves



Beam diagram

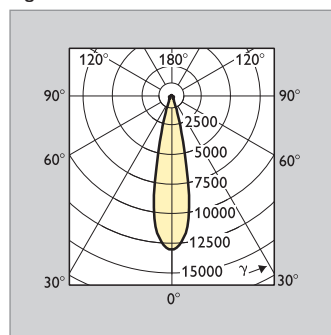


Accent diagram

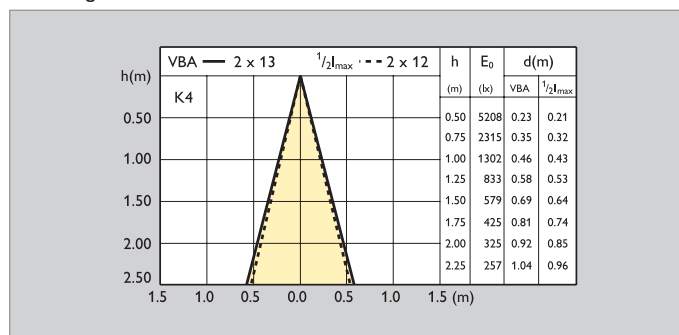


Brilliantline 20W G4 12V 24D

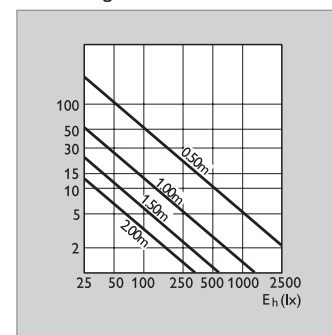
Light distribution curves



Beam diagram

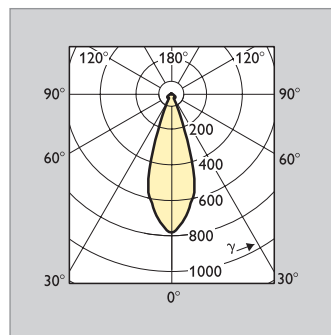


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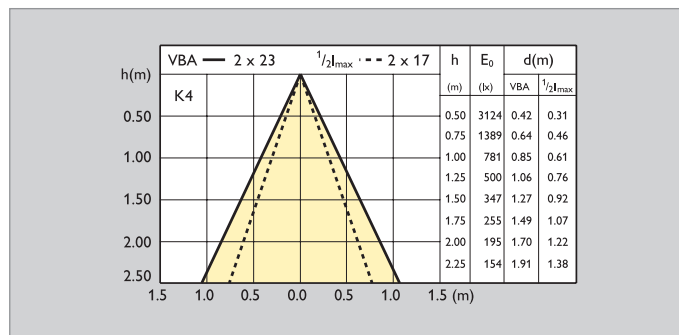


Brilliantline 20W G4 12V 36D

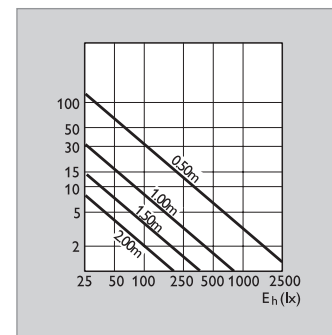
Light distribution curves



Beam diagram

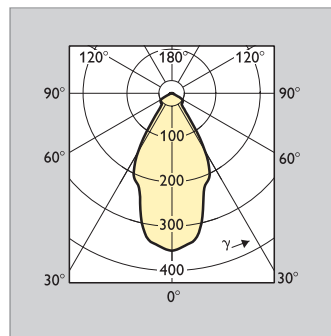


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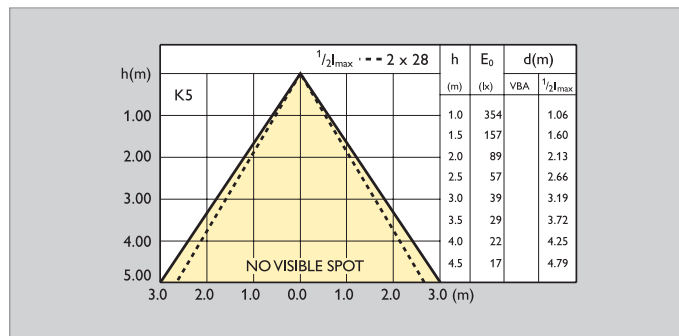


Brilliantline 20W G4 12V 60D

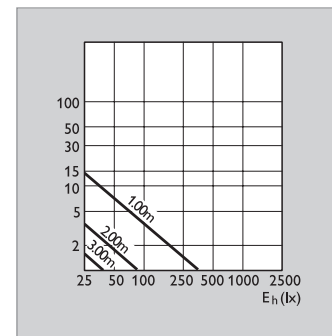
Light distribution curves



Beam diagram

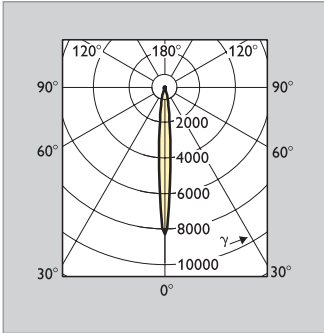


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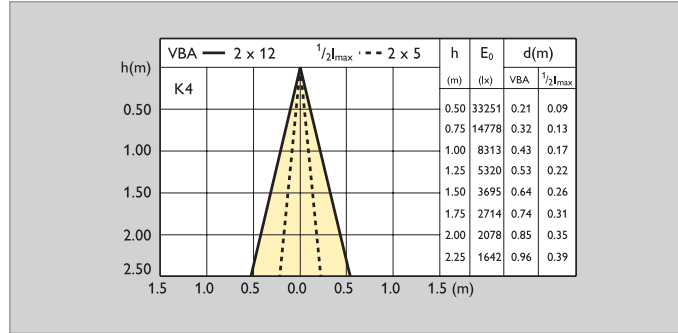


Brilliantline 35W G4 12V 10D

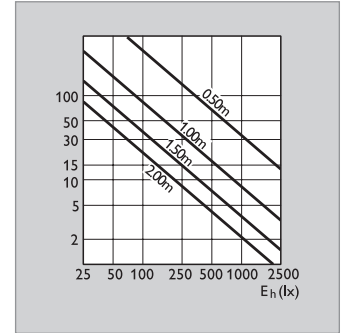
Light distribution curves



Beam diagram

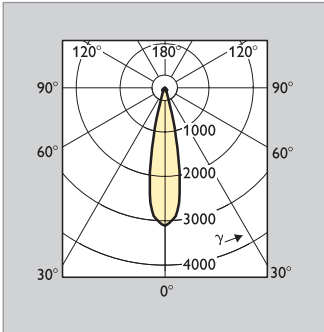


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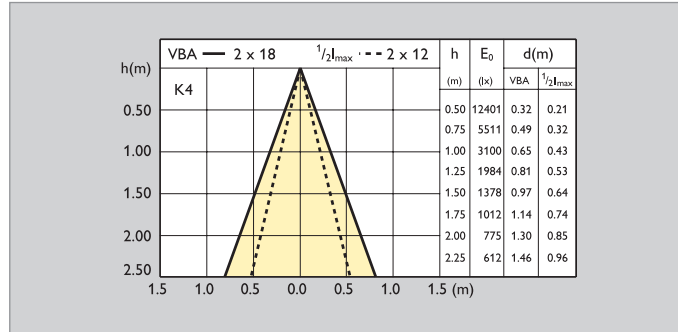


Brilliantline 35W G4 12V 24D

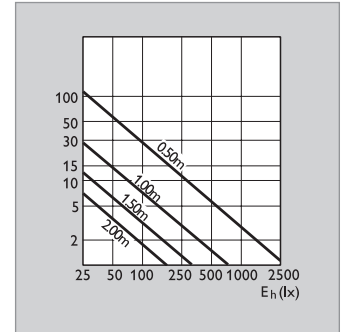
Light distribution curves



Beam diagram

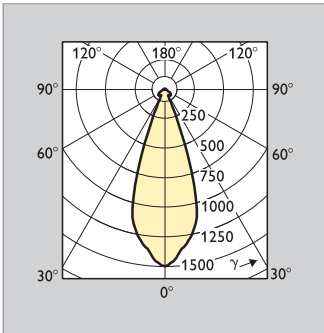


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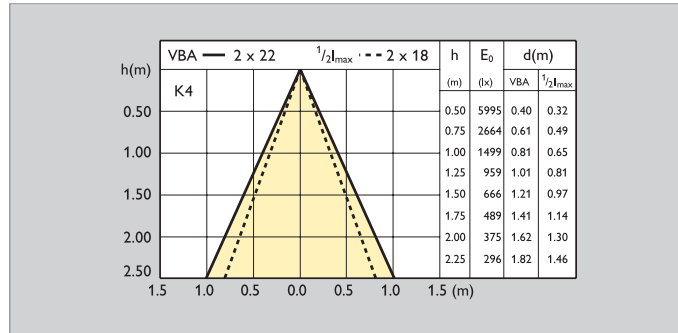


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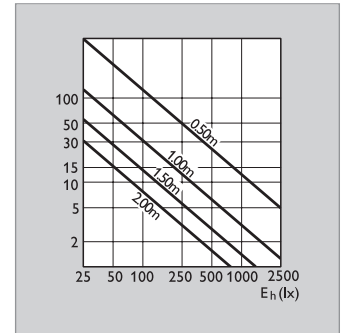
Light distribution curves



Beam diagram

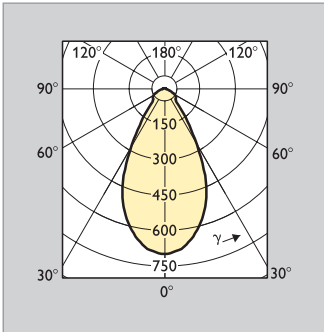


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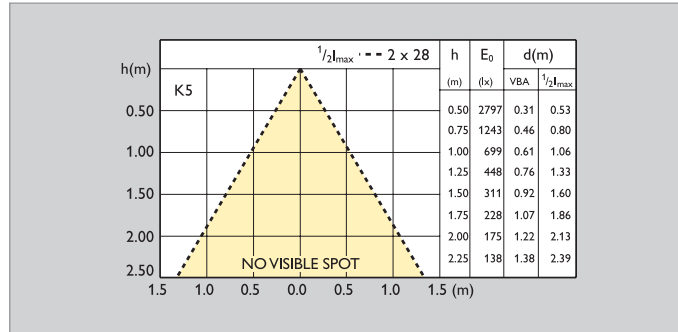


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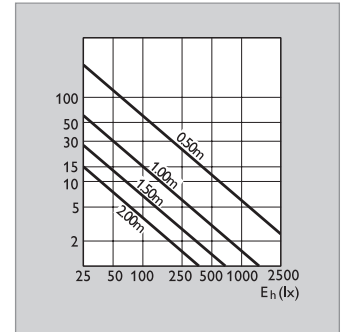
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Beam diagram



Accent diagram



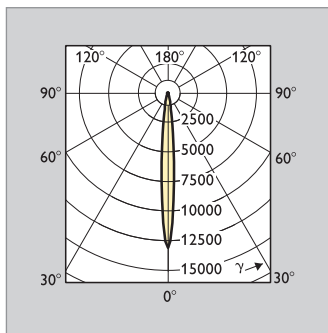
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Brilliantline Pro Dichroic

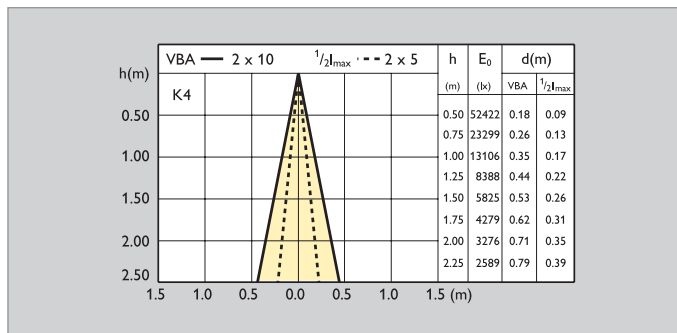
Photometric diagrams

Brilliantline 50W G4 12V 10D

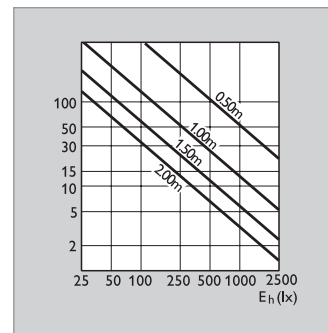
Light distribution curves



Beam diagram

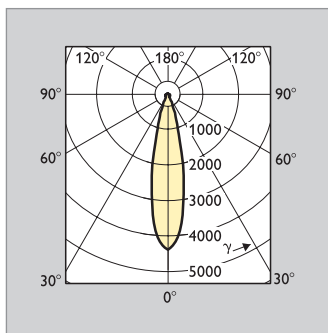


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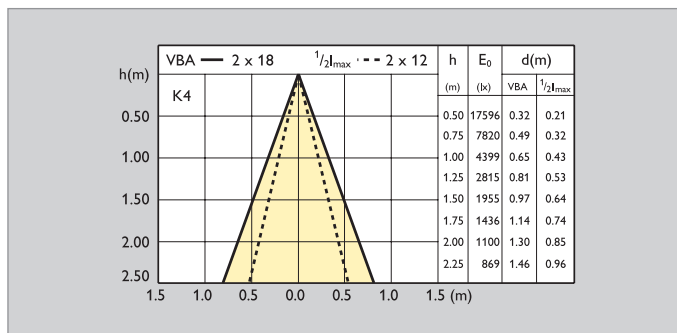


Brilliantline 50W G4 12V 24D

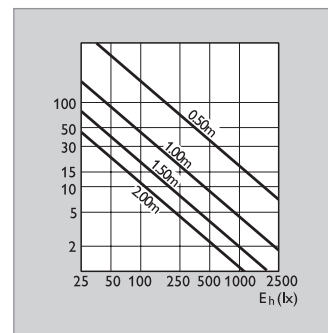
Light distribution curves



Beam diagram

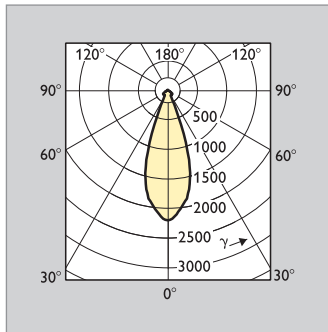


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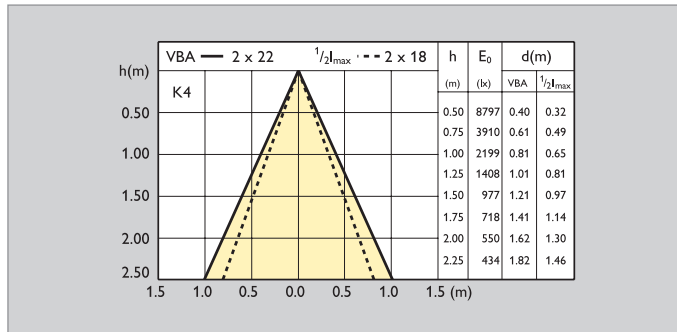


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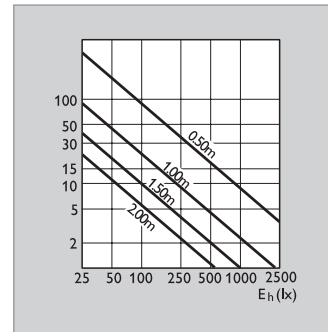
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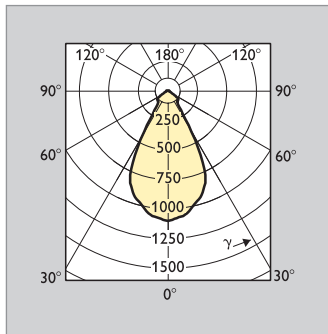


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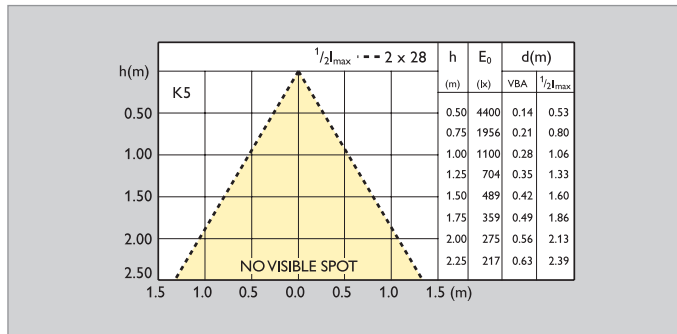


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Light distribution curves



Beam diagram



Accent diagram

