PHILIPS

Lighting




# 高效能的聚光燈，適合改裝 MR16 鹵素聚光燈

## MASTER LEDspot LV

MASTER LEDspot LV 可提供耀眼的重點照明光束，是最適合聚光照明的改裝解決方案。MASTER LEDspot LV 設計來做為鹵素燈或白熾燈的改裝替代方案。其可實現最真實的色彩，創造適合住宅、旅館的溫馨舒適氛圍，還能在零售應用中強調商品之美。新型外殼尺寸更小，適合市場上採用 MR16 GU 5.3 固定座的多數燈具。本產品採用飛利浦專利解決方案，廣泛與標準 12V 鹵素電子變壓器相容，也提供相當於 MR16 鹵素聚光燈的高光束強度。調光功能可營造出希望的氛圍，還能搭配各種調光器使用。其高 SDCM 可確保色彩一致性，在整個使用壽命期間長保不變。MASTER LEDspot LV 節能效果極高，可將維護成本降至最低，而不會對光線品質和使用壽命造成任何影響，還能讓住宅所有人和企業主在短時間內回收投資。

**优点**

- 專業應用補光燈的高強度光束
- 長保高亮度
- 實現更自然的色彩，適合旅館服務業所需要的溫馨氛圍，也能在零售應用中改善商品展示

**特点**

- 高強度光束相當於鹵素聚光燈
- 高 CRI 值提供更佳的色彩真實度，色彩耐久一致
- 精準判定重點照明的光束擴展範圍
- 與各類變壓器相容，且能搭配可調光產品平順調光
- 高流明維護，具有最長 40,000 小時長效使用壽命

**应用**

- 住家：客廳、臥室、走廊
- 旅館服務業：旅館客房、走廊、大廳、接待區、餐廳、酒吧、咖啡廳
- 零售業：展場、展示櫃、商店、更衣室、結帳區

# MASTER LEDspot LV

## Versions

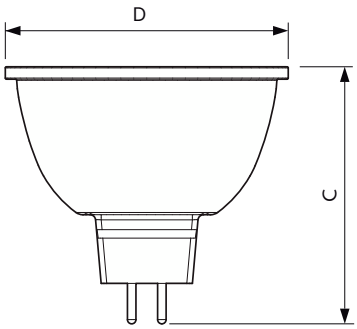



50W GU5-3 MR16




LEDspots GMGC 1 MR16 GU5,3 1

## 二维绘图




| Product | D | C |
|---|---|---|
| MASTER LED 6.5-50W 927 MR16 10D Dim | 50 mm | 46.5 mm |
| MASTER LED 6.5-50W 927 MR16 24D Dim | 50 mm | |
| MASTER LED 6.5-50W 927 MR16 36D Dim | 50 mm | |
| MASTER LED 6.5-50W 927 MR16 60D Dim | 50 mm | 46.5 mm |
| MASTER LED 6.5-50W 930 MR16 10D Dim | 50 mm | 46.5 mm |
| MASTER LED 6.5-50W 930 MR16 24D Dim | 50 mm | 46.5 mm |
| MASTER LED 6.5-50W 930 MR16 24D ND | 50.5 mm | 46.5 mm |
| MASTER LED 6.5-50W 930 MR16 36D Dim | 50 mm | 46.5 mm |
| MASTER LED 6.5-50W 930 MR16 36D ND | 50.5 mm | 46.5 mm |
| MASTER LED 6.5-50W 930 MR16 60D Dim | 50 mm | 46.5 mm |
| MASTER LED 6.5-50W 940 MR16 10D Dim | 50 mm | 46.5 mm |
| MASTER LED 6.5-50W 940 MR16 24D Dim | 50 mm | 46.5 mm |
| MASTER LED 6.5-50W 940 MR16 36D Dim | 50 mm | 46.5 mm |
| MASTER LED 6.5-50W 940 MR16 60D Dim | 50 mm | 46.5 mm |
| MASTER LED 7.5-50W+ 830 MR16 24D Dim | 50 mm | 46.5 mm |
| MASTER LED 7.5-50W+ 830 MR16 36D Dim | 50 mm | 46.5 mm |

| 一般資訊 | |
|---|---|
| 燈座基底 | GU5.3 |
| 切換週期 | 50,000 |
| 標稱使用壽命 | 40,000 h |
| **照明技術** | |
| LLMF 標稱壽命結束 (規範) | 70 % |
| **運轉與電力** | |
| 輸入頻率 | - Hz |
| 線路頻率 | - Hz |
| 起始時間 (標稱) | 0.5 s |
| 相等瓦數 | 50 W |
| **機械與外罩** | |
| 燈泡形狀 | MR16 |

## 照明技術 (1/2)

| Order Code | Full Product Name | 光束角 (Nom) | 相關色彩溫度 (規範) | 演色性指數 (CRI) | 色碼 |
|---|---|---|---|---|---|
| 929001882008 | MASTER LED 6.5-50W 930 MR16 24D ND | 24 ° | 3000 K | 90 | 930 |
| 929003071908 | MASTER LED 6.5-50W 927 MR16 24D Dim | 24 ° | 2700 K | 90 | 927 |
| 929003072008 | MASTER LED 6.5-50W 930 MR16 24D Dim | 24 ° | 3000 K | 90 | 930 |
| 929003072108 | MASTER LED 6.5-50W 940 MR16 24D Dim | 24 ° | 4000 K | 90 | 940 |
| 929003072208 | MASTER LED 6.5-50W 927 MR16 36D Dim | 36 ° | 2700 K | 90 | 927 |
| 929003072308 | MASTER LED 6.5-50W 930 MR16 36D Dim | 36 ° | 3000 K | 90 | 930 |
| 929003072408 | MASTER LED 6.5-50W 940 MR16 36D Dim | 36 ° | 4000 K | 90 | 940 |
| 929003072608 | MASTER LED 7.5-50W+ 830 MR16 24D Dim | 24 ° | 3000 K | 80 | 830 |
| 929003072808 | MASTER LED 7.5-50W+ 830 MR16 36D Dim | 36 ° | 3000 K | 80 | 830 |
| 929003071608 | MASTER LED 6.5-50W 927 MR16 10D Dim | 10 ° | 2700 K | 90 | 927 |

| Order Code | Full Product Name | 光束角 (Nom) | 相關色彩溫度 (規範) | 演色性指數 (CRI) | 色碼 |
|---|---|---|---|---|---|
| 929003071708 | MASTER LED 6.5-50W 930 MR16 10D Dim | 10 ° | 3000 K | 90 | 930 |
| 929003071808 | MASTER LED 6.5-50W 940 MR16 10D Dim | 10 ° | 4000 K | 90 | 940 |
| 929001882308 | MASTER LED 6.5-50W 930 MR16 36D ND | 36 ° | 3000 K | 90 | 930 |
| 929003075908 | MASTER LED 6.5-50W 927 MR16 60D Dim | 60 ° | 2700 K | 90 | 927 |
| 929003076008 | MASTER LED 6.5-50W 930 MR16 60D Dim | 60 ° | 3000 K | 90 | 930 |
| 929003076108 | MASTER LED 6.5-50W 940 MR16 60D Dim | 60 ° | 4000 K | 90 | 940 |

## 照明技術 (2/2)

| Order Code | Full Product Name | 光通量 | 光強 (標稱) |
|---|---|---|---|
| 929001882008 | MASTER LED 6.5-50W 930 MR16 24D ND | 470 lm | 2,300 cd |
| 929003071908 | MASTER LED 6.5-50W 927 MR16 24D Dim | 500 lm | 2,800 cd |
| 929003072008 | MASTER LED 6.5-50W 930 MR16 24D Dim | 500 lm | 2,800 cd |
| 929003072108 | MASTER LED 6.5-50W 940 MR16 24D Dim | 530 lm | 3,400 cd |
| 929003072208 | MASTER LED 6.5-50W 927 MR16 36D Dim | 500 lm | 1,400 cd |
| 929003072308 | MASTER LED 6.5-50W 930 MR16 36D Dim | 500 lm | 1,600 cd |
| 929003072408 | MASTER LED 6.5-50W 940 MR16 36D Dim | 530 lm | 1,600 cd |
| 929003072608 | MASTER LED 7.5-50W+ 830 MR16 24D Dim | 660 lm | 3,250 cd |

| Order Code | Full Product Name | 光通量 | 光強 (標稱) |
|---|---|---|---|
| 929003072808 | MASTER LED 7.5-50W+ 830 MR16 36D Dim | 660 lm | 1,700 cd |
| 929003071608 | MASTER LED 6.5-50W 927 MR16 10D Dim | 500 lm | 5,300 cd |
| 929003071708 | MASTER LED 6.5-50W 930 MR16 10D Dim | 500 lm | 5,300 cd |
| 929003071808 | MASTER LED 6.5-50W 940 MR16 10D Dim | 530 lm | 5,600 cd |
| 929001882308 | MASTER LED 6.5-50W 930 MR16 36D ND | 470 lm | 1,400 cd |
| 929003075908 | MASTER LED 6.5-50W 927 MR16 60D Dim | 500 lm | 500 cd |
| 929003076008 | MASTER LED 6.5-50W 930 MR16 60D Dim | 500 lm | 500 cd |
| 929003076108 | MASTER LED 6.5-50W 940 MR16 60D Dim | 530 lm | 550 cd |

## 運轉與電力

| Order Code | Full Product Name | 耗電量 |
|---|---|---|
| 929001882008 | MASTER LED 6.5-50W 930 MR16 24D ND | 6.5 W |
| 929003071908 | MASTER LED 6.5-50W 927 MR16 24D Dim | 6.5 W |
| 929003072008 | MASTER LED 6.5-50W 930 MR16 24D Dim | 6.5 W |
| 929003072108 | MASTER LED 6.5-50W 940 MR16 24D Dim | 6.5 W |
| 929003072208 | MASTER LED 6.5-50W 927 MR16 36D Dim | 6.5 W |
| 929003072308 | MASTER LED 6.5-50W 930 MR16 36D Dim | 6.5 W |
| 929003072408 | MASTER LED 6.5-50W 940 MR16 36D Dim | 6.5 W |
| 929003072608 | MASTER LED 7.5-50W+ 830 MR16 24D Dim | 7.5 W |

| Order Code | Full Product Name | 耗電量 |
|---|---|---|
| 929003072808 | MASTER LED 7.5-50W+ 830 MR16 36D Dim | 7.5 W |
| 929003071608 | MASTER LED 6.5-50W 927 MR16 10D Dim | 6.5 W |
| 929003071708 | MASTER LED 6.5-50W 930 MR16 10D Dim | 6.5 W |
| 929003071808 | MASTER LED 6.5-50W 940 MR16 10D Dim | 6.5 W |
| 929001882308 | MASTER LED 6.5-50W 930 MR16 36D ND | 6.5 W |
| 929003075908 | MASTER LED 6.5-50W 927 MR16 60D Dim | 6.5 W |
| 929003076008 | MASTER LED 6.5-50W 930 MR16 60D Dim | 6.5 W |
| 929003076108 | MASTER LED 6.5-50W 940 MR16 60D Dim | 6.5 W |

## 溫度

| Order Code | Full Product Name | 環境溫度範圍 | T 盒上限 (正常情況) |
|---|---|---|---|
| 929001882008 | MASTER LED 6.5-50W 930 MR16 24D ND | -20 °C 至 45 °C | 90 °C |
| 929003071908 | MASTER LED 6.5-50W 927 MR16 24D Dim | - | 90 °C |
| 929003072008 | MASTER LED 6.5-50W 930 MR16 24D Dim | - | 90 °C |
| 929003072108 | MASTER LED 6.5-50W 940 MR16 24D Dim | - | 90 °C |
| 929003072208 | MASTER LED 6.5-50W 927 MR16 36D Dim | - | 90 °C |
| 929003072308 | MASTER LED 6.5-50W 930 MR16 36D Dim | - | 90 °C |

| Order Code | Full Product Name | 環境溫度範圍 | T 盒上限 (正常情況) |
|---|---|---|---|
| 929003072408 | MASTER LED 6.5-50W 940 MR16 36D Dim | - | 90 °C |
| 929003072608 | MASTER LED 7.5-50W+ 830 MR16 24D Dim | - | 93 °C |
| 929003072808 | MASTER LED 7.5-50W+ 830 MR16 36D Dim | - | 93 °C |
| 929003071608 | MASTER LED 6.5-50W 927 MR16 10D Dim | - | 90 °C |
| 929003071708 | MASTER LED 6.5-50W 930 MR16 10D Dim | - | 90 °C |
| 929003071808 | MASTER LED 6.5-50W 940 MR16 10D Dim | - | 90 °C |

# MASTER LEDspot LV

| Order Code | Full Product Name | 環境溫度範圍 | T 盒上限 (正常情況) |
|---|---|---|---|
| 929001882308 | MASTER LED 6.5-50W 930 MR16 36D ND | -20 °C 至 45 °C | 90 °C |
| 929003075908 | MASTER LED 6.5-50W 927 MR16 60D Dim | - | 90 °C |

| Order Code | Full Product Name | 環境溫度範圍 | T 盒上限 (正常情況) |
|---|---|---|---|
| 929003076008 | MASTER LED 6.5-50W 930 MR16 60D Dim | - | 90 °C |
| 929003076108 | MASTER LED 6.5-50W 940 MR16 60D Dim | - | 90 °C |

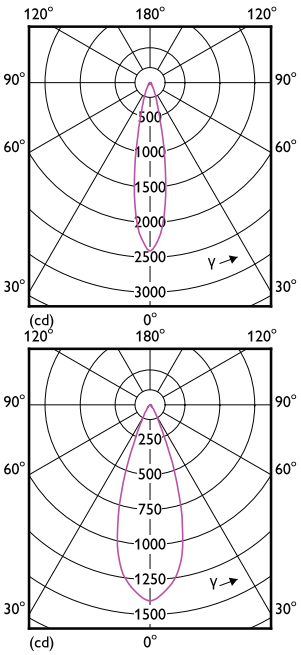
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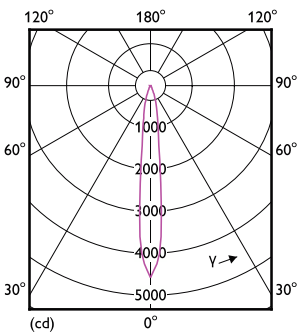
| Order Code | Full Product Name | 可調光 |
|---|---|---|
| 929001882008 | MASTER LED 6.5-50W 930 MR16 24D ND | 否 |
| 929003071908 | MASTER LED 6.5-50W 927 MR16 24D Dim | 僅能使用特定調光器 |
| 929003072008 | MASTER LED 6.5-50W 930 MR16 24D Dim | 僅能使用特定調光器 |
| 929003072108 | MASTER LED 6.5-50W 940 MR16 24D Dim | 僅能使用特定調光器 |
| 929003072208 | MASTER LED 6.5-50W 927 MR16 36D Dim | 僅能使用特定調光器 |
| 929003072308 | MASTER LED 6.5-50W 930 MR16 36D Dim | 僅能使用特定調光器 |
| 929003072408 | MASTER LED 6.5-50W 940 MR16 36D Dim | 僅能使用特定調光器 |
| 929003072608 | MASTER LED 7.5-50W+ 830 MR16 24D Dim | 僅能使用特定調光器 |

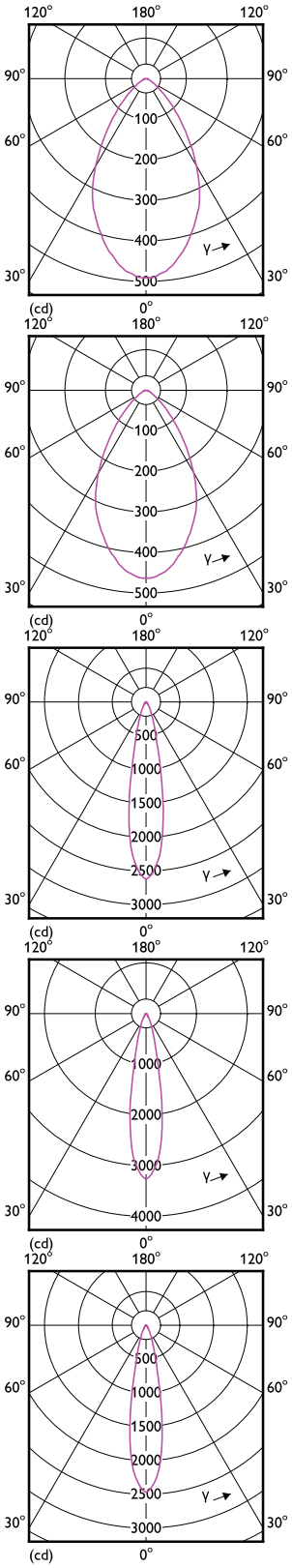
| Order Code | Full Product Name | 可調光 |
|---|---|---|
| 929003072808 | MASTER LED 7.5-50W+ 830 MR16 36D Dim | 僅能使用特定調光器 |
| 929003071608 | MASTER LED 6.5-50W 927 MR16 10D Dim | 僅能使用特定調光器 |
| 929003071708 | MASTER LED 6.5-50W 930 MR16 10D Dim | 僅能使用特定調光器 |
| 929003071808 | MASTER LED 6.5-50W 940 MR16 10D Dim | 僅能使用特定調光器 |
| 929001882308 | MASTER LED 6.5-50W 930 MR16 36D ND | 否 |
| 929003075908 | MASTER LED 6.5-50W 927 MR16 60D Dim | 僅能使用特定調光器 |
| 929003076008 | MASTER LED 6.5-50W 930 MR16 60D Dim | 僅能使用特定調光器 |
| 929003076108 | MASTER LED 6.5-50W 940 MR16 60D Dim | 僅能使用特定調光器 |

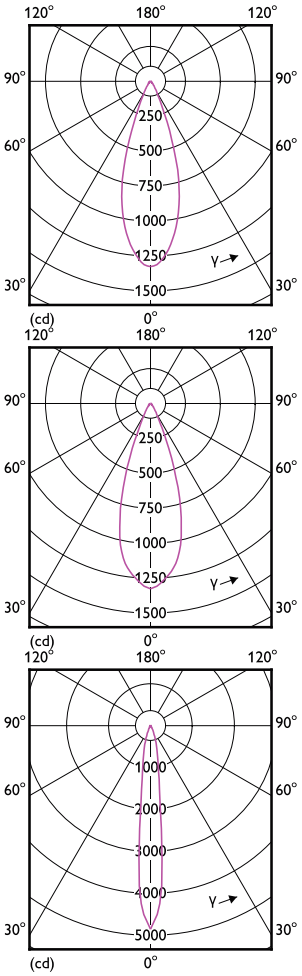
## 機械與外罩

| Order Code | Full Product Name | 燈泡表層 |
|---|---|---|
| 929001882008 | MASTER LED 6.5-50W 930 MR16 24D ND | 透明 |
| 929003071908 | MASTER LED 6.5-50W 927 MR16 24D Dim | - |
| 929003072008 | MASTER LED 6.5-50W 930 MR16 24D Dim | - |
| 929003072108 | MASTER LED 6.5-50W 940 MR16 24D Dim | - |
| 929003072208 | MASTER LED 6.5-50W 927 MR16 36D Dim | - |
| 929003072308 | MASTER LED 6.5-50W 930 MR16 36D Dim | - |
| 929003072408 | MASTER LED 6.5-50W 940 MR16 36D Dim | - |
| 929003072608 | MASTER LED 7.5-50W+ 830 MR16 24D Dim | - |
| 929003072808 | MASTER LED 7.5-50W+ 830 MR16 36D Dim | - |
| 929003071608 | MASTER LED 6.5-50W 927 MR16 10D Dim | - |
| 929003071708 | MASTER LED 6.5-50W 930 MR16 10D Dim | - |
| 929003071808 | MASTER LED 6.5-50W 940 MR16 10D Dim | - |
| 929001882308 | MASTER LED 6.5-50W 930 MR16 36D ND | 透明 |
| 929003075908 | MASTER LED 6.5-50W 927 MR16 60D Dim | - |
| 929003076008 | MASTER LED 6.5-50W 930 MR16 60D Dim | - |
| 929003076108 | MASTER LED 6.5-50W 940 MR16 60D Dim | - |



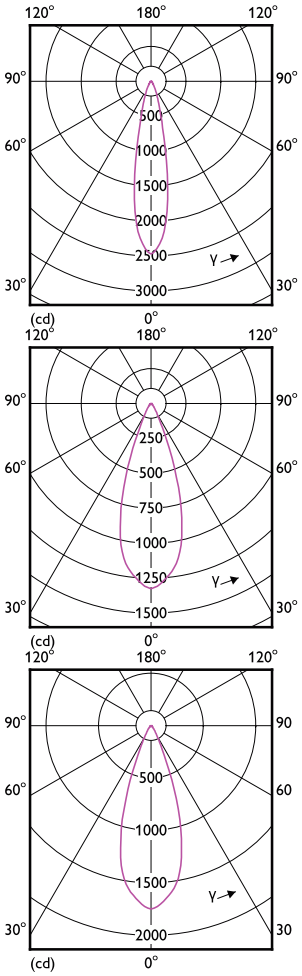

120°
180°
120°
90°
90°
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60°
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100
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Y
(cd)
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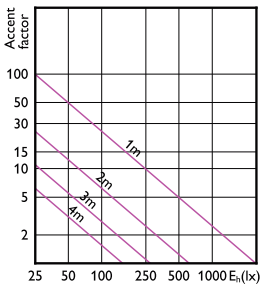





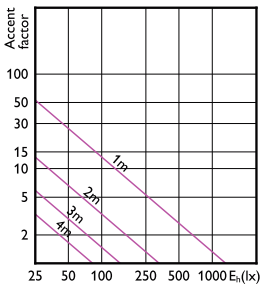




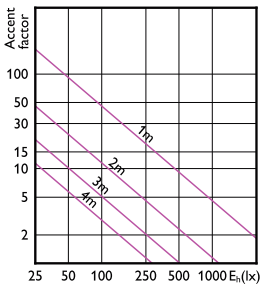

## Accent Diagrams




**Accent Diagram - MASTER LED 6.5-50W 930 MR16 24D Dim**

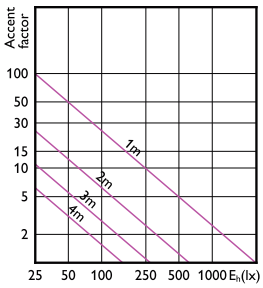



**Accent Diagram - MASTER LED 6.5-50W 930 MR16 36D Dim**

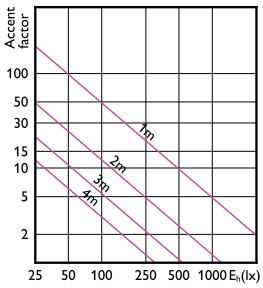



**Accent Diagram - MASTER LED 6.5-50W 930 MR16 10D Dim**

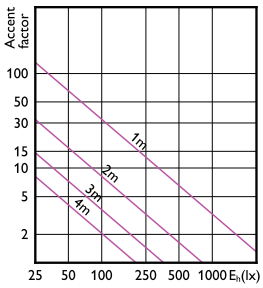
## Accent Diagrams



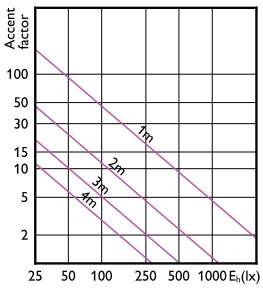

**Accent Diagram - MASTER LED 6.5-50W 927 MR16 24D Dim**



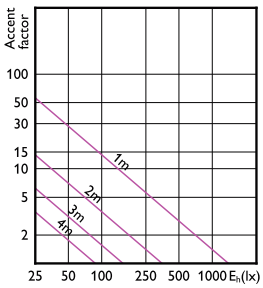

**Accent Diagram - MASTER LED 6.5-50W 940 MR16 10D Dim**



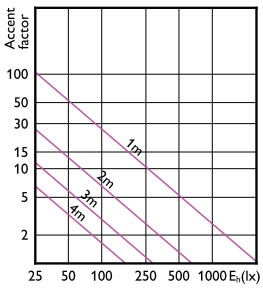

**Accent Diagram - MASTER LED 7.5-50W+ 830 MR16 24D Dim**



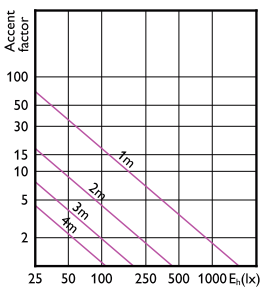

**Accent Diagram - MASTER LED 6.5-50W 927 MR16 10D Dim**



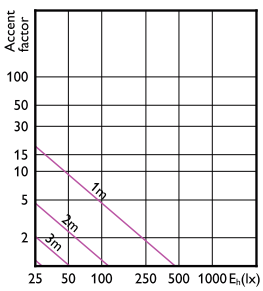

**Accent Diagram - MASTER LED 6.5-50W 940 MR16 36D Dim**




**Accent Diagram - MASTER LED 6.5-50W 940 MR16 24D Dim**

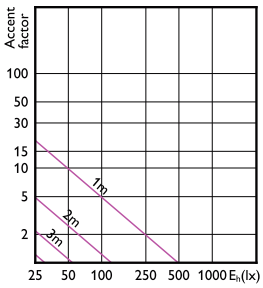



**Accent Diagram - MASTER LED 7.5-50W+ 830 MR16 36D Dim**

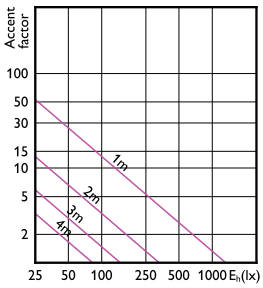



**Accent Diagram - MASTER LED 6.5-50W 927 MR16 60D Dim**

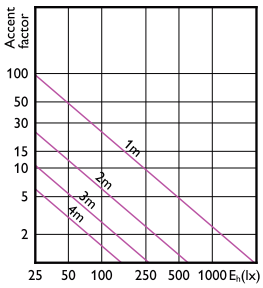
## Accent Diagrams




**Accent Diagram - MASTER LED 6.5-50W 940**
**MR16 60D Dim**

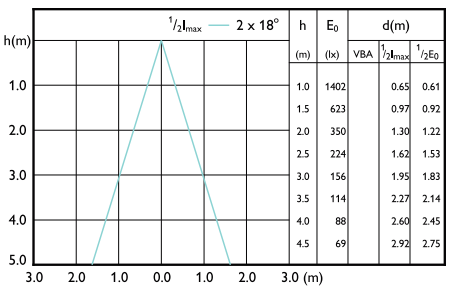



**Accent Diagram - MASTER LED 6.5-50W 930**
**MR16 36D ND**



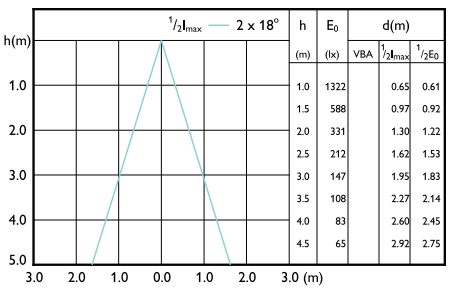

**Accent Diagram - MASTER LED 6.5-50W 930**
**MR16 24D ND**

## Beam Diagrams



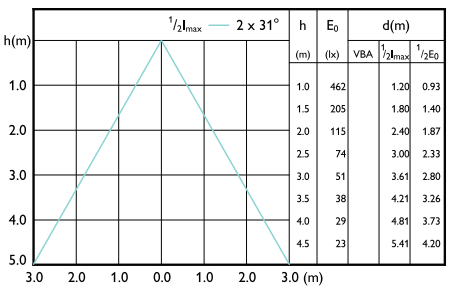

| h (m) | E0 (lx) | d(m) VBA | d(m) ½Imax | d(m) ½E0 |
|---|---|---|---|---|
| 1.0 | 1402 | | 0.65 | 0.61 |
| 1.5 | 623 | | 0.97 | 0.92 |
| 2.0 | 350 | | 1.30 | 1.22 |
| 2.5 | 224 | | 1.62 | 1.53 |
| 3.0 | 156 | | 1.95 | 1.83 |
| 3.5 | 114 | | 2.27 | 2.14 |
| 4.0 | 88 | | 2.60 | 2.45 |
| 4.5 | 69 | | 2.92 | 2.75 |

**Beam diagram - MASTER LED 6.5-50W 940**
**MR16 36D Dim**



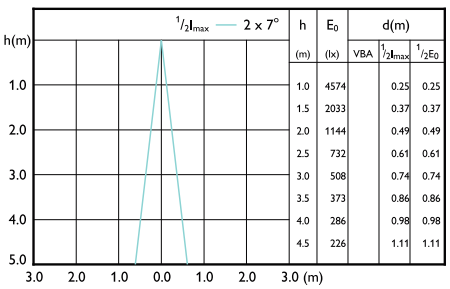

| h (m) | E0 (lx) | d(m) VBA | d(m) ½Imax | d(m) ½E0 |
|---|---|---|---|---|
| 1.0 | 1322 | | 0.65 | 0.61 |
| 1.5 | 588 | | 0.97 | 0.92 |
| 2.0 | 331 | | 1.30 | 1.22 |
| 2.5 | 212 | | 1.62 | 1.53 |
| 3.0 | 147 | | 1.95 | 1.83 |
| 3.5 | 108 | | 2.27 | 2.14 |
| 4.0 | 83 | | 2.60 | 2.45 |
| 4.5 | 65 | | 2.92 | 2.75 |

**Beam diagram - MASTER LED 6.5-50W 930**
**MR16 36D Dim**



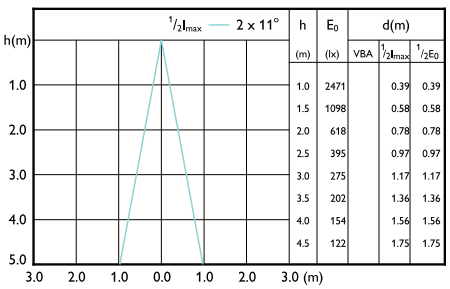

| h (m) | E0 (lx) | d(m) VBA | d(m) ½Imax | d(m) ½E0 |
|---|---|---|---|---|
| 1.0 | 462 | | 1.20 | 0.93 |
| 1.5 | 205 | | 1.80 | 1.40 |
| 2.0 | 115 | | 2.40 | 1.87 |
| 2.5 | 74 | | 3.00 | 2.33 |
| 3.0 | 51 | | 3.61 | 2.80 |
| 3.5 | 38 | | 4.21 | 3.26 |
| 4.0 | 29 | | 4.81 | 3.73 |
| 4.5 | 23 | | 5.41 | 4.20 |

**Beam diagram - MASTER LED 6.5-50W 927**
**MR16 60D Dim**



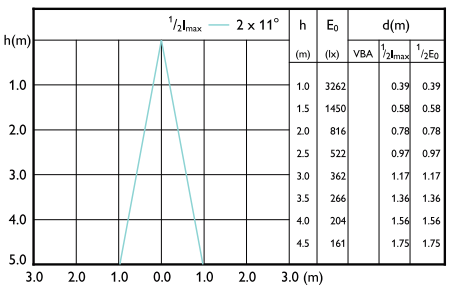

| h (m) | E0 (lx) | d(m) VBA | d(m) ½Imax | d(m) ½E0 |
|---|---|---|---|---|
| 1.0 | 4574 | | 0.25 | 0.25 |
| 1.5 | 2033 | | 0.37 | 0.37 |
| 2.0 | 1144 | | 0.49 | 0.49 |
| 2.5 | 732 | | 0.61 | 0.61 |
| 3.0 | 508 | | 0.74 | 0.74 |
| 3.5 | 373 | | 0.86 | 0.86 |
| 4.0 | 286 | | 0.98 | 0.98 |
| 4.5 | 226 | | 1.11 | 1.11 |

**Beam diagram - MASTER LED 6.5-50W 927**
**MR16 10D Dim**




| h (m) | E0 (lx) | d(m) VBA | d(m) ½Imax | d(m) ½E0 |
|---|---|---|---|---|
| 1.0 | 2471 | | 0.39 | 0.39 |
| 1.5 | 1098 | | 0.58 | 0.58 |
| 2.0 | 618 | | 0.78 | 0.78 |
| 2.5 | 395 | | 0.97 | 0.97 |
| 3.0 | 275 | | 1.17 | 1.17 |
| 3.5 | 202 | | 1.36 | 1.36 |
| 4.0 | 154 | | 1.56 | 1.56 |
| 4.5 | 122 | | 1.75 | 1.75 |

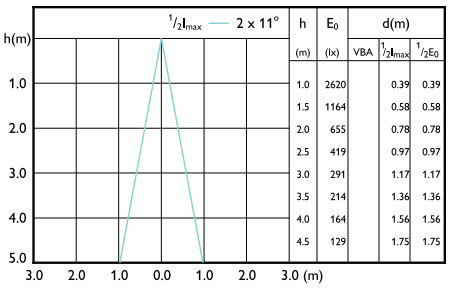
**Beam diagram - MASTER LED 6.5-50W 927**
**MR16 24D Dim**




| h (m) | E0 (lx) | d(m) VBA | d(m) ½Imax | d(m) ½E0 |
|---|---|---|---|---|
| 1.0 | 3262 | | 0.39 | 0.39 |
| 1.5 | 1450 | | 0.58 | 0.58 |
| 2.0 | 816 | | 0.78 | 0.78 |
| 2.5 | 522 | | 0.97 | 0.97 |
| 3.0 | 362 | | 1.17 | 1.17 |
| 3.5 | 266 | | 1.36 | 1.36 |
| 4.0 | 204 | | 1.56 | 1.56 |
| 4.5 | 161 | | 1.75 | 1.75 |

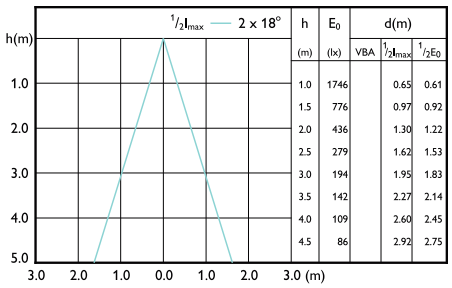
**Beam diagram - MASTER LED 7.5-50W+ 830**
**MR16 24D Dim**

## Beam Diagrams



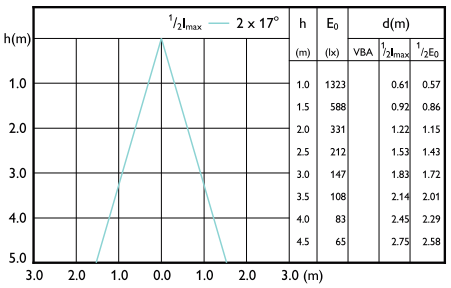

| h (m) | $E_0$ (lx) | d(m) VBA | d(m) $^1/_2I_{max}$ | d(m) $^1/_2E_0$ |
|---|---|---|---|---|
| 1.0 | 2620 | | 0.39 | 0.39 |
| 1.5 | 1164 | | 0.58 | 0.58 |
| 2.0 | 655 | | 0.78 | 0.78 |
| 2.5 | 419 | | 0.97 | 0.97 |
| 3.0 | 291 | | 1.17 | 1.17 |
| 3.5 | 214 | | 1.36 | 1.36 |
| 4.0 | 164 | | 1.56 | 1.56 |
| 4.5 | 129 | | 1.75 | 1.75 |

**Beam diagram - MASTER LED 6.5-50W 940**
**MR16 24D Dim**



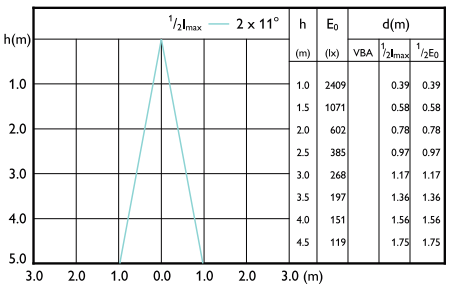

| h (m) | $E_0$ (lx) | d(m) VBA | d(m) $^1/_2I_{max}$ | d(m) $^1/_2E_0$ |
|---|---|---|---|---|
| 1.0 | 1746 | | 0.65 | 0.61 |
| 1.5 | 776 | | 0.97 | 0.92 |
| 2.0 | 436 | | 1.30 | 1.22 |
| 2.5 | 279 | | 1.62 | 1.53 |
| 3.0 | 194 | | 1.95 | 1.83 |
| 3.5 | 142 | | 2.27 | 2.14 |
| 4.0 | 109 | | 2.60 | 2.45 |
| 4.5 | 86 | | 2.92 | 2.75 |

**Beam diagram - MASTER LED 7.5-50W+ 830**
**MR16 36D Dim**



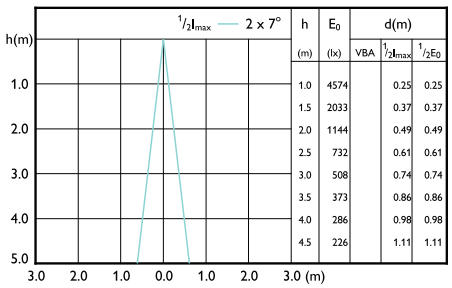

| h (m) | $E_0$ (lx) | d(m) VBA | d(m) $^1/_2I_{max}$ | d(m) $^1/_2E_0$ |
|---|---|---|---|---|
| 1.0 | 1323 | | 0.61 | 0.57 |
| 1.5 | 588 | | 0.92 | 0.86 |
| 2.0 | 331 | | 1.22 | 1.15 |
| 2.5 | 212 | | 1.53 | 1.43 |
| 3.0 | 147 | | 1.83 | 1.72 |
| 3.5 | 108 | | 2.14 | 2.01 |
| 4.0 | 83 | | 2.45 | 2.29 |
| 4.5 | 65 | | 2.75 | 2.58 |

**Beam diagram - MASTER LED 6.5-50W 930**
**MR16 36D ND**



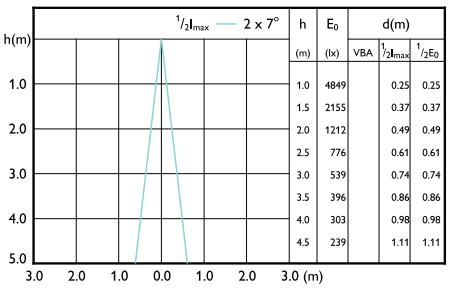

| h (m) | $E_0$ (lx) | d(m) VBA | d(m) $^1/_2I_{max}$ | d(m) $^1/_2E_0$ |
|---|---|---|---|---|
| 1.0 | 2409 | | 0.39 | 0.39 |
| 1.5 | 1071 | | 0.58 | 0.58 |
| 2.0 | 602 | | 0.78 | 0.78 |
| 2.5 | 385 | | 0.97 | 0.97 |
| 3.0 | 268 | | 1.17 | 1.17 |
| 3.5 | 197 | | 1.36 | 1.36 |
| 4.0 | 151 | | 1.56 | 1.56 |
| 4.5 | 119 | | 1.75 | 1.75 |

**Beam diagram - MASTER LED 6.5-50W 930**
**MR16 24D ND**



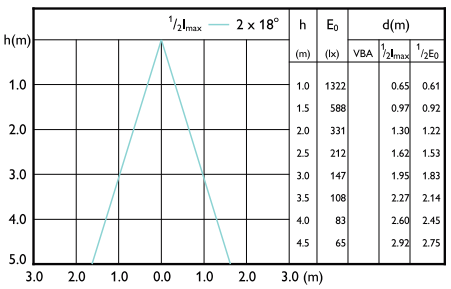

| h (m) | $E_0$ (lx) | d(m) VBA | d(m) $^1/_2I_{max}$ | d(m) $^1/_2E_0$ |
|---|---|---|---|---|
| 1.0 | 4574 | | 0.25 | 0.25 |
| 1.5 | 2033 | | 0.37 | 0.37 |
| 2.0 | 1144 | | 0.49 | 0.49 |
| 2.5 | 732 | | 0.61 | 0.61 |
| 3.0 | 508 | | 0.74 | 0.74 |
| 3.5 | 373 | | 0.86 | 0.86 |
| 4.0 | 286 | | 0.98 | 0.98 |
| 4.5 | 226 | | 1.11 | 1.11 |

**Beam diagram - MASTER LED 6.5-50W 930**
**MR16 10D Dim**



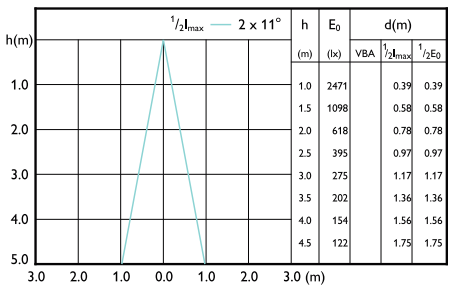

| h (m) | $E_0$ (lx) | d(m) VBA | d(m) $^1/_2I_{max}$ | d(m) $^1/_2E_0$ |
|---|---|---|---|---|
| 1.0 | 4849 | | 0.25 | 0.25 |
| 1.5 | 2155 | | 0.37 | 0.37 |
| 2.0 | 1212 | | 0.49 | 0.49 |
| 2.5 | 776 | | 0.61 | 0.61 |
| 3.0 | 539 | | 0.74 | 0.74 |
| 3.5 | 396 | | 0.86 | 0.86 |
| 4.0 | 303 | | 0.98 | 0.98 |
| 4.5 | 239 | | 1.11 | 1.11 |

**Beam diagram - MASTER LED 6.5-50W 940**
**MR16 10D Dim**



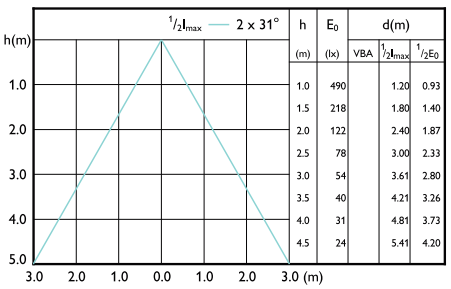

| h (m) | $E_0$ (lx) | d(m) VBA | d(m) $^1/_2I_{max}$ | d(m) $^1/_2E_0$ |
|---|---|---|---|---|
| 1.0 | 1322 | | 0.65 | 0.61 |
| 1.5 | 588 | | 0.97 | 0.92 |
| 2.0 | 331 | | 1.30 | 1.22 |
| 2.5 | 212 | | 1.62 | 1.53 |
| 3.0 | 147 | | 1.95 | 1.83 |
| 3.5 | 108 | | 2.27 | 2.14 |
| 4.0 | 83 | | 2.60 | 2.45 |
| 4.5 | 65 | | 2.92 | 2.75 |

**Beam diagram - MASTER LED 6.5-50W 927**
**MR16 36D Dim**




| h (m) | $E_0$ (lx) | d(m) VBA | d(m) $^1/_2I_{max}$ | d(m) $^1/_2E_0$ |
|---|---|---|---|---|
| 1.0 | 2471 | | 0.39 | 0.39 |
| 1.5 | 1098 | | 0.58 | 0.58 |
| 2.0 | 618 | | 0.78 | 0.78 |
| 2.5 | 395 | | 0.97 | 0.97 |
| 3.0 | 275 | | 1.17 | 1.17 |
| 3.5 | 202 | | 1.36 | 1.36 |
| 4.0 | 154 | | 1.56 | 1.56 |
| 4.5 | 122 | | 1.75 | 1.75 |

**Beam diagram - MASTER LED 6.5-50W 930**
**MR16 24D Dim**




| h (m) | $E_0$ (lx) | d(m) VBA | d(m) $^1/_2I_{max}$ | d(m) $^1/_2E_0$ |
|---|---|---|---|---|
| 1.0 | 490 | | 1.20 | 0.93 |
| 1.5 | 218 | | 1.80 | 1.40 |
| 2.0 | 122 | | 2.40 | 1.87 |
| 2.5 | 78 | | 3.00 | 2.33 |
| 3.0 | 54 | | 3.61 | 2.80 |
| 3.5 | 40 | | 4.21 | 3.26 |
| 4.0 | 31 | | 4.81 | 3.73 |
| 4.5 | 24 | | 5.41 | 4.20 |

**Beam diagram - MASTER LED 6.5-50W 940**
**MR16 60D Dim**




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