



# Δημιουργία ζεστής, ευχάριστης ατμόσφαιρας με φωτισμό ανώτερης ποιότητας

## MASTER LEDspot ExpertColor AR111

Το MASTER LEDspot LV ExpertColor δημιουργεί μια ζεστή και ευχάριστη ατμόσφαιρα για χώρους φιλοξενίας, κατοικίες και εστιατόρια. Δημιουργεί αυτήν την ατμόσφαιρα με φωτισμό ανώτερης ποιότητας που έχει προσαρμοσμένο φάσμα, υψηλό CRI και δυνατότητα ρύθμισης έντασης έως πολύ χαμηλά επίπεδα. Το αποτέλεσμα είναι μια πανέμορφη εμπειρία φωτισμού. Επιπλέον, η καινοτόμος σχεδίαση φακού χωρίς διακοσμητικά στοιχεία θα ταιριάζει σε όλες σχεδόν τις εσωτερικές διακοσμήσεις, με την καθαρή και κομψή όψη του. Επιπλέον, μπορείτε να αξιοποιήσετε ολόκληρη την οικογένεια ExpertColor, η οποία περιλαμβάνει επίσης τους λαμπτήρες LEDspot MV και LEDspot Par.

### Οφέλη

- Δημιουργία ζεστής και άνετης ατμόσφαιρας
- Εύκολη λύση αντικατάστασης για μεγαλύτερη ενεργειακή απόδοση και αειφορία
- Η εσωτερική διακόσμηση, τα έπιπλα και τα υφάσματα φαίνονται υπέροχα

### Χαρακτηριστικά

- Προσαρμοσμένο φάσμα χρωμάτων που θυμίζει το χρώμα φωτός των λαμπτήρων αλογόνου
- Σχεδίαση χωρίς διακοσμητικά στοιχεία με όμορφο φακό αυλακιού V
- Κορυφαία στην κατηγορία απόδοση χρωμάτων CRI97, R9<gt;85
- Βαθιά και ομαλή ρύθμιση έντασης με ευρεία συμβατότητα μετασχηματιστή
- Δυνατότητα αντικατάστασης με φωτιστικά G53

# MASTER LEDspot ExpertColor AR111

## Εφαρμογή

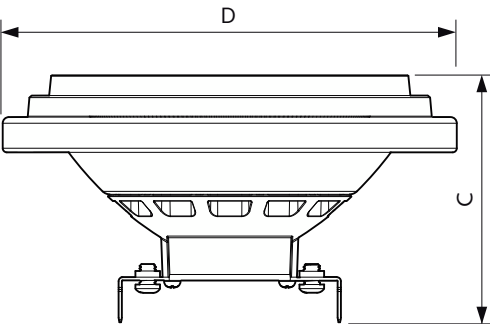
- Φιλοξενία: δωμάτια πελατών ξενοδοχείου, διάδρομοι, λόμπι, χώρος υποδοχής, εστιατόρια, μπαρ, καφετέριες
- Σπίτι: καθιστικό, υπνοδωμάτια, διάδρομος
- Καταστήματα: εκθέσεις, προθήκες, χώροι καταστημάτων, δοκιμαστήρια ρούχων

## Versions



LEDspots MAS SLR AR111 G53

## Σχεδιάγραμμα διαστάσεων



| Product                                  | D      | C     |
|------------------------------------------|--------|-------|
| MAS ExpertColor 10.8-50W 927 AR111 24D   | 111 mm | 61 mm |
| MAS ExpertColor 10.8-50W 927 AR111 40D   | 111 mm | 61 mm |
| MAS ExpertColor 10.8-50W 927 AR111 9D    | 111 mm | 61 mm |
| MAS ExpertColor 10.8-50W 930 AR111 24D   | 111 mm | 61 mm |
| MAS ExpertColor 10.8-50W 930 AR111 40D   | 111 mm | 61 mm |
| MAS ExpertColor 10.8-50W 930 AR111 9D    | 111 mm | 61 mm |
| MAS ExpertColor 14.8-75W 927 AR111 24D   | 111 mm | 61 mm |
| MAS ExpertColor 14.8-75W 927 AR111 45D   | 111 mm | 61 mm |
| MAS ExpertColor 14.8-75W 930 AR111 24D   | 111 mm | 61 mm |
| MAS ExpertColor 14.8-75W 930 AR111 45D   | 111 mm | 61 mm |
| MAS ExpertColor 14.8-75W 940 AR111 24D   | 111 mm | 61 mm |
| MAS ExpertColor 14.8-75W 940 AR111 45D   | 111 mm | 61 mm |
| MAS LEDExpertColor 20-100W 927 AR111 24D | 111 mm | 62 mm |
| MAS LEDExpertColor 20-100W 927 AR111 45D | 111 mm | 62 mm |
| MAS LEDExpertColor 20-100W 930 AR111 24D | 111 mm | 62 mm |
| MAS LEDExpertColor 20-100W 930 AR111 45D | 111 mm | 62 mm |
| MAS LEDExpertColor 20-100W 940 AR111 24D | 111 mm | 62 mm |
| MAS LEDExpertColor 20-100W 940 AR111 45D | 111 mm | 62 mm |

MASTER LEDspot ExpertColor AR111

| Γενικές πληροφορίες                                   |                                       |
|-------------------------------------------------------|---------------------------------------|
| Βάση- κάλυμμα                                         | G53                                   |
| Κύκλος λειτουργίας                                    | 50.000                                |
| Ονομαστική διάρκεια ζωής                              | 40.000 h                              |
| Τεχνικά χαρακτηριστικά φωτισμού                       |                                       |
| Δείκτης χρωματικής απόδοσης (CRI)                     | 95                                    |
| LLMF στο τέλος της ονομαστικής διάρκειας ζωής (ονομ.) | 70 %                                  |
| Χαρακτηριστικά ηλεκτρικής λειτουργίας                 |                                       |
| Συχνότητα εισόδου                                     | 50 έως 60 Hz                          |
| Line Frequency                                        | 50 to 60 Hz                           |
| Χρόνος έναρξης (ονομ.)                                | 0,5 s                                 |
| Συστήματα ελέγχου και ρύθμιση της έντασης             |                                       |
| Με ρύθμιση έντασης                                    | Μόνο με ροοστάτες συγκεκριμένου τύπου |
| Μηχανικά εξαρτήματα και Περιβλημα                     |                                       |
| Φινίρισμα λαμπτήρα                                    | Διαφανές                              |
| Σχήμα λαμπτήρα                                        | AR111                                 |

Τεχνικά χαρακτηριστικά φωτισμού (1/2)

| Order Code | Full Product Name                        | Γωνία δέσμης (ονομ.) | Σχετική θερμοκρασία χρώματος (ονομ.) | Κωδικός χρώματος | Φωτεινή ροή |
|------------|------------------------------------------|----------------------|--------------------------------------|------------------|-------------|
| 33379600   | MAS ExpertColor 14.8-75W 927 AR111 24D   | 24 μοίρα(ες)         | 2700 K                               | 927              | 875 lm      |
| 33381900   | MAS ExpertColor 14.8-75W 927 AR111 45D   | 45 μοίρα(ες)         | 2700 K                               | 927              | 875 lm      |
| 33383300   | MAS ExpertColor 14.8-75W 930 AR111 24D   | 24 μοίρα(ες)         | 3000 K                               | 930              | 875 lm      |
| 33385700   | MAS ExpertColor 14.8-75W 930 AR111 45D   | 45 μοίρα(ες)         | 3000 K                               | 930              | 875 lm      |
| 33387100   | MAS ExpertColor 14.8-75W 940 AR111 24D   | 24 μοίρα(ες)         | 4000 K                               | 940              | 950 lm      |
| 33389500   | MAS ExpertColor 14.8-75W 940 AR111 45D   | 45 μοίρα(ες)         | 4000 K                               | 940              | 950 lm      |
| 33393200   | MAS ExpertColor 10.8-50W 927 AR111 24D   | 24 μοίρα(ες)         | 2700 K                               | 927              | 600 lm      |
| 33395600   | MAS ExpertColor 10.8-50W 927 AR111 40D   | 40 μοίρα(ες)         | 2700 K                               | 927              | 600 lm      |
| 33399400   | MAS ExpertColor 10.8-50W 930 AR111 24D   | 24 μοίρα(ες)         | 3000 K                               | 930              | 620 lm      |
| 33401400   | MAS ExpertColor 10.8-50W 930 AR111 40D   | 40 μοίρα(ες)         | 3000 K                               | 930              | 620 lm      |
| 42965900   | MAS LEDExpertColor 20-100W 927 AR111 24D | 24 μοίρα(ες)         | 2700 K                               | 927              | 1.270 lm    |
| 42969700   | MAS LEDExpertColor 20-100W 930 AR111 24D | 24 μοίρα(ες)         | 3000 K                               | 930              | 1.270 lm    |
| 42973400   | MAS LEDExpertColor 20-100W 940 AR111 24D | 24 μοίρα(ες)         | 4000 K                               | 940              | 1.270 lm    |
| 42967300   | MAS LEDExpertColor 20-100W 927 AR111 45D | 45 μοίρα(ες)         | 2700 K                               | 927              | 1.270 lm    |
| 42971000   | MAS LEDExpertColor 20-100W 930 AR111 45D | 45 μοίρα(ες)         | 3000 K                               | 930              | 1.270 lm    |
| 42975800   | MAS LEDExpertColor 20-100W 940 AR111 45D | 45 μοίρα(ες)         | 4000 K                               | 940              | 1.270 lm    |
| 33391800   | MAS ExpertColor 10.8-50W 927 AR111 9D    | 9 μοίρα(ες)          | 2700 K                               | 927              | 600 lm      |
| 33397000   | MAS ExpertColor 10.8-50W 930 AR111 9D    | 9 μοίρα(ες)          | 3000 K                               | 930              | 620 lm      |

Τεχνικά χαρακτηριστικά φωτισμού (2/2)

| Order Code | Full Product Name                      | Ένταση φωτός (ονομ.) | Order Code | Full Product Name                        | Ένταση φωτός (ονομ.) |
|------------|----------------------------------------|----------------------|------------|------------------------------------------|----------------------|
| 33379600   | MAS ExpertColor 14.8-75W 927 AR111 24D | 3.000 cd             | 33401400   | MAS ExpertColor 10.8-50W 930 AR111 40D   | 1.200 cd             |
| 33381900   | MAS ExpertColor 14.8-75W 927 AR111 45D | 1.200 cd             | 42965900   | MAS LEDExpertColor 20-100W 927 AR111 24D | 4.000 cd             |
| 33383300   | MAS ExpertColor 14.8-75W 930 AR111 24D | 3.000 cd             | 42969700   | MAS LEDExpertColor 20-100W 930 AR111 24D | 4.200 cd             |
| 33385700   | MAS ExpertColor 14.8-75W 930 AR111 45D | 1.300 cd             | 42973400   | MAS LEDExpertColor 20-100W 940 AR111 24D | 4.400 cd             |
| 33387100   | MAS ExpertColor 14.8-75W 940 AR111 24D | 3.300 cd             | 42967300   | MAS LEDExpertColor 20-100W 927 AR111 45D | 2.100 cd             |
| 33389500   | MAS ExpertColor 14.8-75W 940 AR111 45D | 1.400 cd             | 42971000   | MAS LEDExpertColor 20-100W 930 AR111 45D | 2.200 cd             |
| 33393200   | MAS ExpertColor 10.8-50W 927 AR111 24D | 3.000 cd             | 42975800   | MAS LEDExpertColor 20-100W 940 AR111 45D | 2.300 cd             |
| 33395600   | MAS ExpertColor 10.8-50W 927 AR111 40D | 1.200 cd             | 33391800   | MAS ExpertColor 10.8-50W 927 AR111 9D    | 8.000 cd             |
| 33399400   | MAS ExpertColor 10.8-50W 930 AR111 24D | 3.200 cd             |            |                                          |                      |

MASTER LEDspot ExpertColor AR111

| Order Code | Full Product Name                     | Ένταση φωτός (ονομ.) |
|------------|---------------------------------------|----------------------|
| 33397000   | MAS ExpertColor 10.8-50W 930 AR111 9D | 8.000 cd             |

Χαρακτηριστικά ηλεκτρικής λειτουργίας

| Order Code | Full Product Name                      | Κατανάλωση<br>ενέργειας | Αντίστοιχη ισχύς |
|------------|----------------------------------------|-------------------------|------------------|
| 33379600   | MAS ExpertColor 14.8-75W 927 AR111 24D | 14,8 W                  | 75 W             |
| 33381900   | MAS ExpertColor 14.8-75W 927 AR111 45D | 14,8 W                  | 75 W             |
| 33383300   | MAS ExpertColor 14.8-75W 930 AR111 24D | 14,8 W                  | 75 W             |
| 33385700   | MAS ExpertColor 14.8-75W 930 AR111 45D | 14,8 W                  | 75 W             |
| 33387100   | MAS ExpertColor 14.8-75W 940 AR111 24D | 14,8 W                  | 75 W             |
| 33389500   | MAS ExpertColor 14.8-75W 940 AR111 45D | 14,8 W                  | 75 W             |
| 33393200   | MAS ExpertColor 10.8-50W 927 AR111 24D | 10,8 W                  | 50 W             |
| 33395600   | MAS ExpertColor 10.8-50W 927 AR111 40D | 10,8 W                  | 50 W             |
| 33399400   | MAS ExpertColor 10.8-50W 930 AR111 24D | 10,8 W                  | 50 W             |

| Order Code | Full Product Name                        | Κατανάλωση<br>ενέργειας | Αντίστοιχη ισχύς |
|------------|------------------------------------------|-------------------------|------------------|
| 33401400   | MAS ExpertColor 10.8-50W 930 AR111 40D   | 10,8 W                  | 50 W             |
| 42965900   | MAS LEDExpertColor 20-100W 927 AR111 24D | 20 W                    | 100 W            |
| 42969700   | MAS LEDExpertColor 20-100W 930 AR111 24D | 20 W                    | 100 W            |
| 42973400   | MAS LEDExpertColor 20-100W 940 AR111 24D | 20 W                    | 100 W            |
| 42967300   | MAS LEDExpertColor 20-100W 927 AR111 45D | 20 W                    | 100 W            |
| 42971000   | MAS LEDExpertColor 20-100W 930 AR111 45D | 20 W                    | 100 W            |
| 42975800   | MAS LEDExpertColor 20-100W 940 AR111 45D | 20 W                    | 100 W            |
| 33391800   | MAS ExpertColor 10.8-50W 927 AR111 9D    | 10,8 W                  | 50 W             |
| 33397000   | MAS ExpertColor 10.8-50W 930 AR111 9D    | 10,8 W                  | 50 W             |

Θερμοκρασία

| Order Code | Full Product Name                      | Μέγιστη θερμ. περιβλήματος<br>λειτουργίας (ονομ.) |
|------------|----------------------------------------|---------------------------------------------------|
| 33379600   | MAS ExpertColor 14.8-75W 927 AR111 24D | 85 °C                                             |
| 33381900   | MAS ExpertColor 14.8-75W 927 AR111 45D | 85 °C                                             |
| 33383300   | MAS ExpertColor 14.8-75W 930 AR111 24D | 85 °C                                             |
| 33385700   | MAS ExpertColor 14.8-75W 930 AR111 45D | 85 °C                                             |
| 33387100   | MAS ExpertColor 14.8-75W 940 AR111 24D | 85 °C                                             |
| 33389500   | MAS ExpertColor 14.8-75W 940 AR111 45D | 85 °C                                             |
| 33393200   | MAS ExpertColor 10.8-50W 927 AR111 24D | 70 °C                                             |
| 33395600   | MAS ExpertColor 10.8-50W 927 AR111 40D | 70 °C                                             |
| 33399400   | MAS ExpertColor 10.8-50W 930 AR111 24D | 70 °C                                             |

| Order Code | Full Product Name                        | Μέγιστη θερμ. περιβλήματος<br>λειτουργίας (ονομ.) |
|------------|------------------------------------------|---------------------------------------------------|
| 33401400   | MAS ExpertColor 10.8-50W 930 AR111 40D   | 70 °C                                             |
| 42965900   | MAS LEDExpertColor 20-100W 927 AR111 24D | 77 °C                                             |
| 42969700   | MAS LEDExpertColor 20-100W 930 AR111 24D | 77 °C                                             |
| 42973400   | MAS LEDExpertColor 20-100W 940 AR111 24D | 77 °C                                             |
| 42967300   | MAS LEDExpertColor 20-100W 927 AR111 45D | 77 °C                                             |
| 42971000   | MAS LEDExpertColor 20-100W 930 AR111 45D | 77 °C                                             |
| 42975800   | MAS LEDExpertColor 20-100W 940 AR111 45D | 77 °C                                             |
| 33391800   | MAS ExpertColor 10.8-50W 927 AR111 9D    | 70 °C                                             |
| 33397000   | MAS ExpertColor 10.8-50W 930 AR111 9D    | 70 °C                                             |

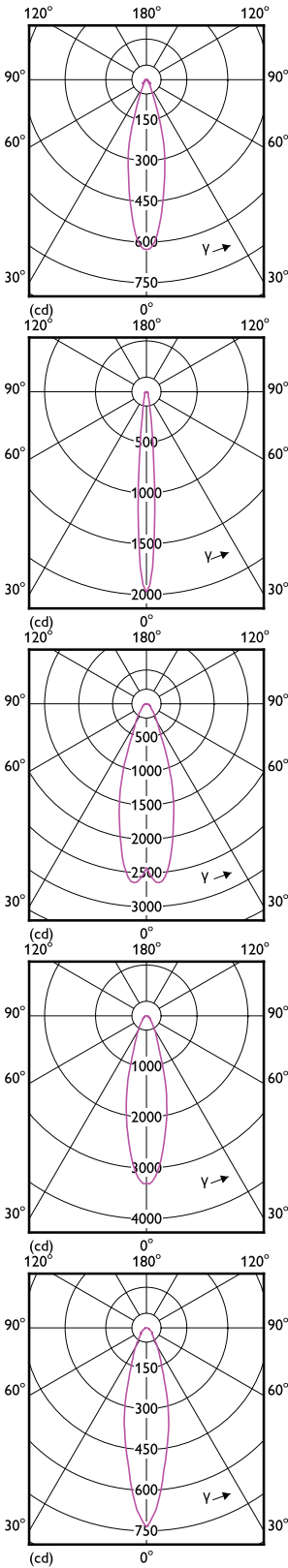
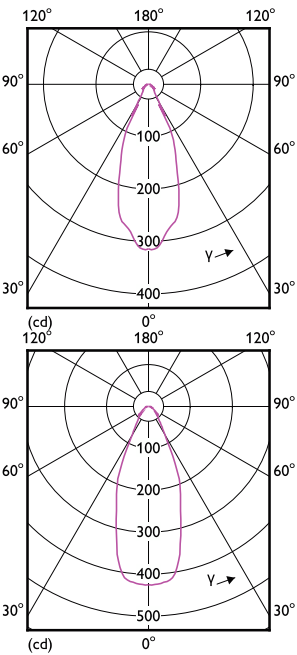
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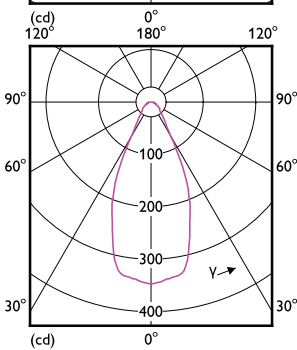
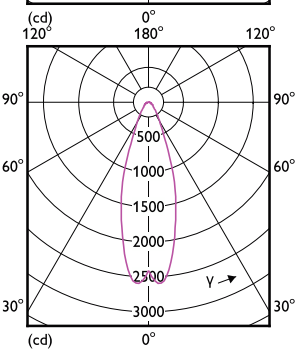
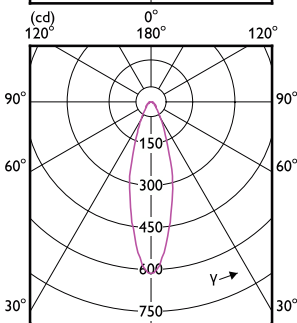
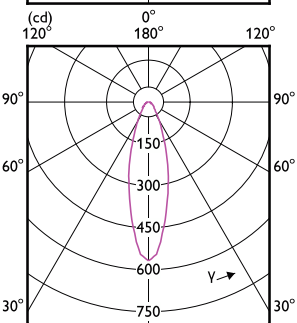
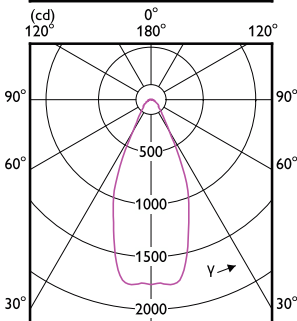
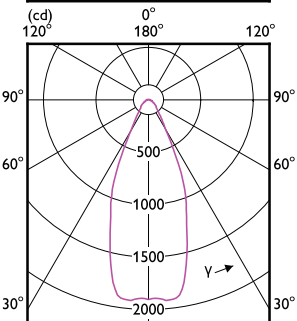
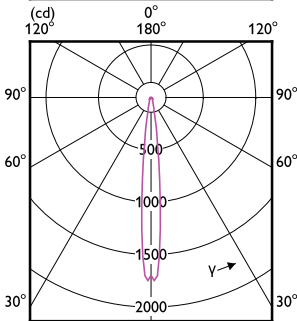
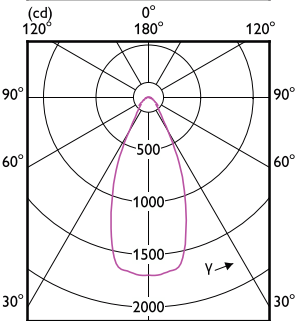
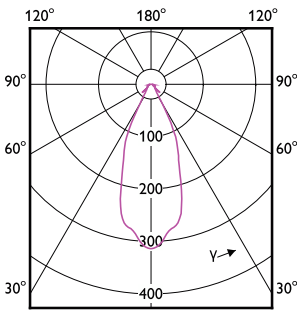
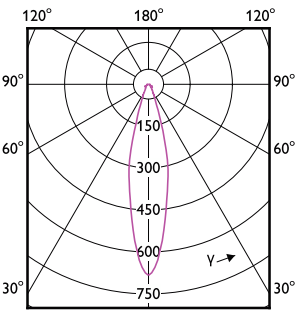
| Order Code | Full Product Name                      | Εύρος θερμοκρασίας<br>περιβάλλοντος | Κατανάλωση<br>ενέργειας kWh/<br>1000 ώρες |
|------------|----------------------------------------|-------------------------------------|-------------------------------------------|
| 33379600   | MAS ExpertColor 14.8-75W 927 AR111 24D | -                                   | 15 kWh                                    |
| 33381900   | MAS ExpertColor 14.8-75W 927 AR111 45D | -                                   | 15 kWh                                    |
| 33383300   | MAS ExpertColor 14.8-75W 930 AR111 24D | -                                   | 15 kWh                                    |

| Order Code | Full Product Name                      | Εύρος θερμοκρασίας<br>περιβάλλοντος | Κατανάλωση<br>ενέργειας kWh/<br>1000 ώρες |
|------------|----------------------------------------|-------------------------------------|-------------------------------------------|
| 33385700   | MAS ExpertColor 14.8-75W 930 AR111 45D | -                                   | 15 kWh                                    |
| 33387100   | MAS ExpertColor 14.8-75W 940 AR111 24D | -                                   | 15 kWh                                    |
| 33389500   | MAS ExpertColor 14.8-75W 940 AR111 45D | -                                   | 15 kWh                                    |

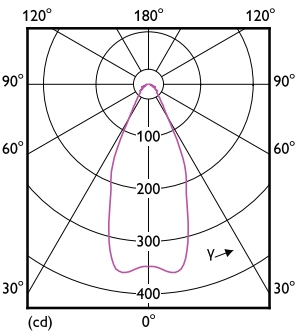
MASTER LEDspot ExpertColor AR111

| Order Code | Full Product Name                       | Εύρος θερμοκρασίας περιβάλλοντος | Κατανάλωση ενέργειας kWh/ 1000 ώρες |
|------------|-----------------------------------------|----------------------------------|-------------------------------------|
| 33393200   | MAS ExpertColor 10.8-50W 927 AR111 24D  | -                                | 11 kWh                              |
| 33395600   | MAS ExpertColor 10.8-50W 927 AR111 40D  | -                                | 11 kWh                              |
| 33399400   | MAS ExpertColor 10.8-50W 930 AR111 24D  | -                                | 11 kWh                              |
| 33401400   | MAS ExpertColor 10.8-50W 930 AR111 40D  | -                                | 11 kWh                              |
| 42965900   | MAS LEExpertColor 20-100W 927 AR111 24D | -20 °C έως +45 °C                | 20 kWh                              |
| 42969700   | MAS LEExpertColor 20-100W 930 AR111 24D | -20 °C έως +45 °C                | 20 kWh                              |
| 42973400   | MAS LEExpertColor 20-100W 940 AR111 24D | -20 °C έως +45 °C                | 20 kWh                              |
| 42967300   | MAS LEExpertColor 20-100W 927 AR111 45D | -20 °C έως +45 °C                | 20 kWh                              |
| 42971000   | MAS LEExpertColor 20-100W 930 AR111 45D | -20 °C έως +45 °C                | 20 kWh                              |
| 42975800   | MAS LEExpertColor 20-100W 940 AR111 45D | -20 °C έως +45 °C                | 20 kWh                              |
| 33391800   | MAS ExpertColor 10.8-50W 927 AR111 9D   | -                                | 11 kWh                              |
| 33397000   | MAS ExpertColor 10.8-50W 930 AR111 9D   | -                                | 11 kWh                              |

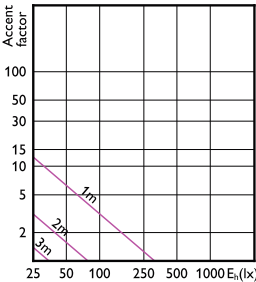




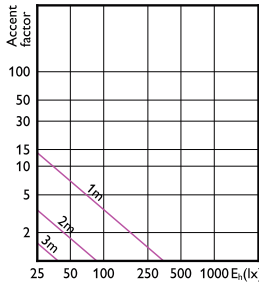
MASTER LEDspot ExpertColor AR111



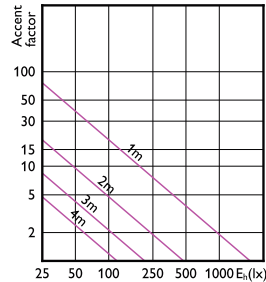
Accent Diagrams



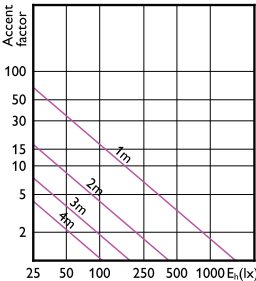
Accent Diagram - MAS ExpertColor 10.8-50W 930 AR111 40D



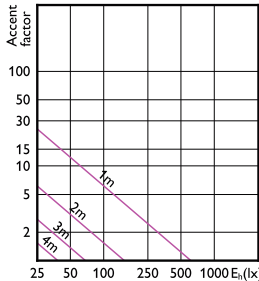
Accent Diagram - MAS ExpertColor 14.8-75W 930 AR111 45D



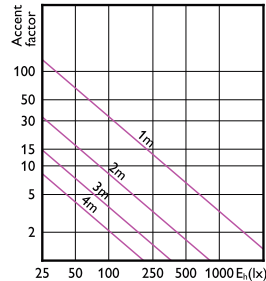
Accent Diagram - MAS LEDExpertColor 20-100W 930 AR111 45D



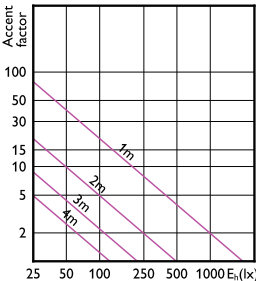
Accent Diagram - MAS LEDExpertColor 20-100W 927 AR111 45D



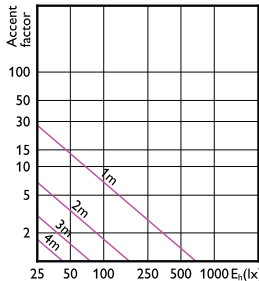
Accent Diagram - MAS ExpertColor 14.8-75W 930 AR111 24D



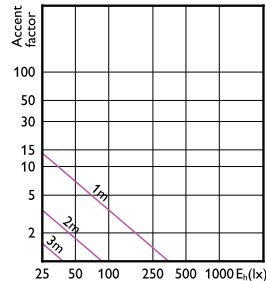
Accent Diagram - MAS LEDExpertColor 20-100W 940 AR111 24D



Accent Diagram - MAS ExpertColor 10.8-50W 930 AR111 9D

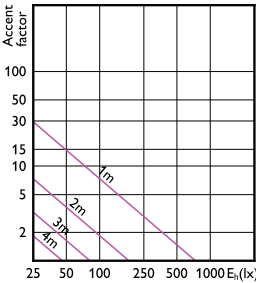


Accent Diagram - MAS ExpertColor 10.8-50W 930 AR111 24D

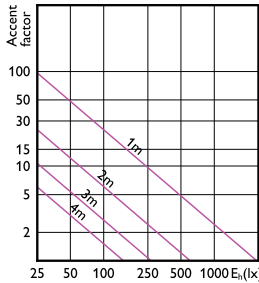


Accent Diagram - MAS ExpertColor 14.8-75W 927 AR111 45D

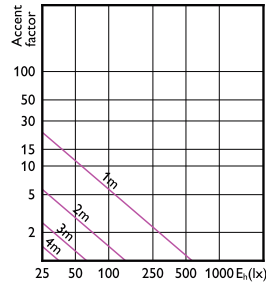
Accent Diagrams



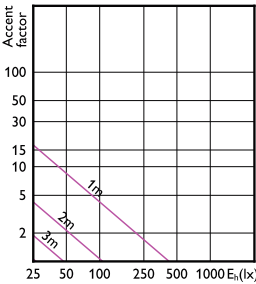
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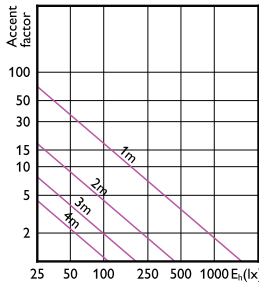
Accent Diagram - MAS LEExpertColor 20-100W 927 AR111 24D



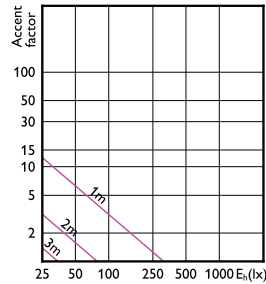
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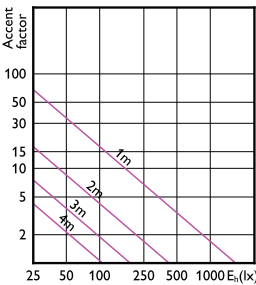
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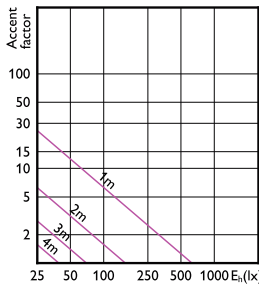
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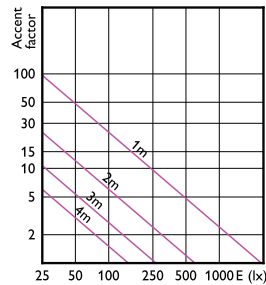
Accent Diagram - MAS ExpertColor 10.8-50W 927 AR111 40D



Accent Diagram - MAS ExpertColor 10.8-50W 927 AR111 9D



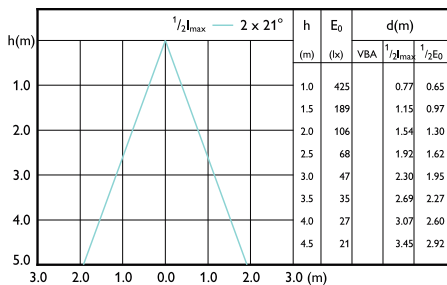
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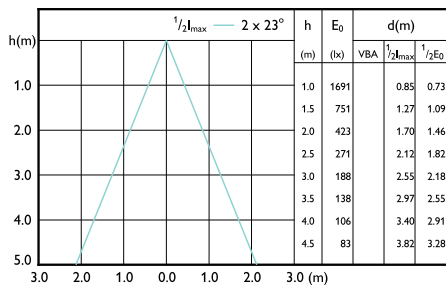
Accent Diagram - MAS LEExpertColor 20-100W 930 AR111 24D

# MASTER LEDspot ExpertColor AR111

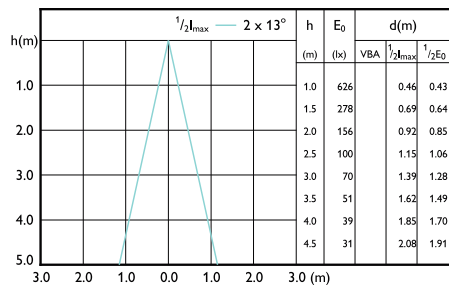
## Beam Diagrams



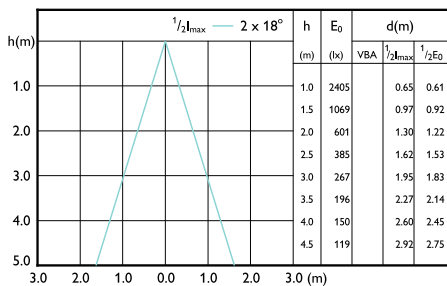
Beam diagram - MAS ExpertColor 14.8-75W  
940 AR111 45D



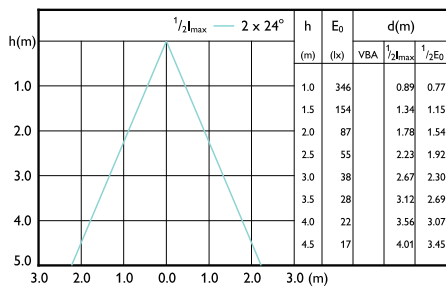
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927 AR111 45D



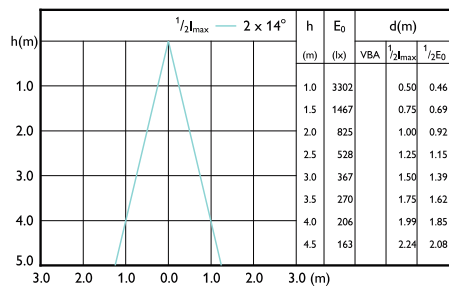
Beam diagram - MAS ExpertColor 10.8-50W  
927 AR111 24D



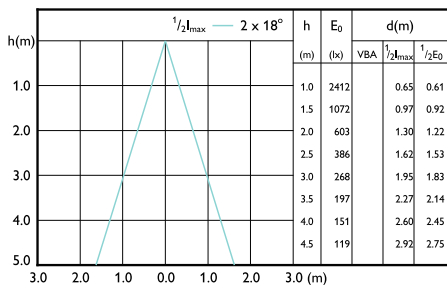
Beam diagram - MAS LEDExpertColor 20-100W  
930 AR111 24D



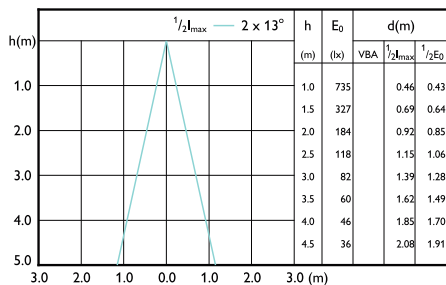
Beam diagram - MAS ExpertColor 14.8-75W  
930 AR111 45D



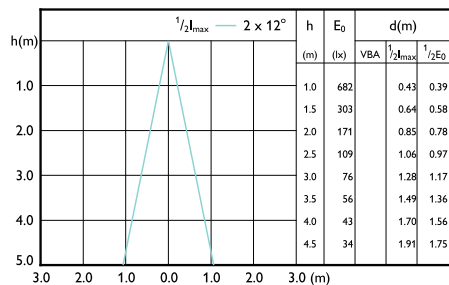
Beam diagram - MAS LEDExpertColor 20-100W  
940 AR111 24D



Beam diagram - MAS LEDExpertColor 20-100W  
927 AR111 24D

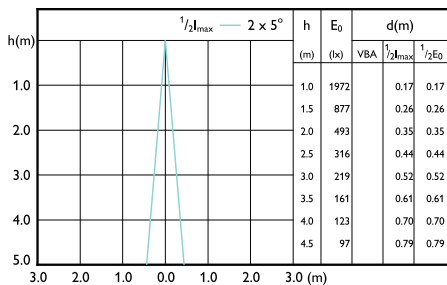


Beam diagram - MAS ExpertColor 14.8-75W  
940 AR111 24D

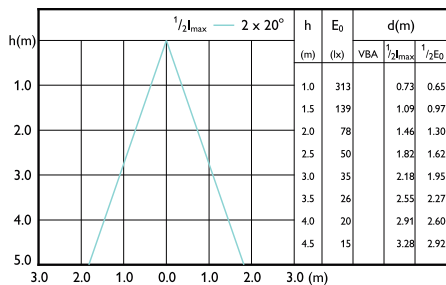


Beam diagram - MAS ExpertColor 10.8-50W  
930 AR111 24D

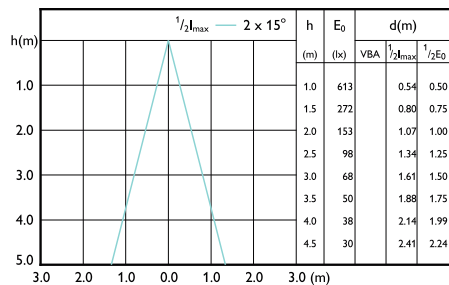
## Beam Diagrams



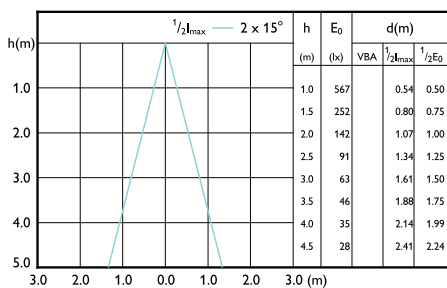
Beam diagram - MAS ExpertColor 10.8-50W  
930 AR111 9D



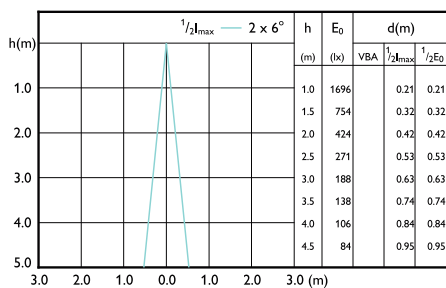
Beam diagram - MAS ExpertColor 10.8-50W  
930 AR111 40D



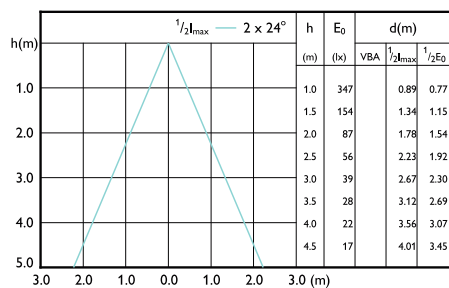
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930 AR111 24D



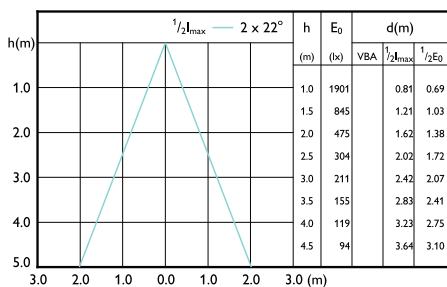
Beam diagram - MAS ExpertColor 14.8-75W 927  
AR111 24D



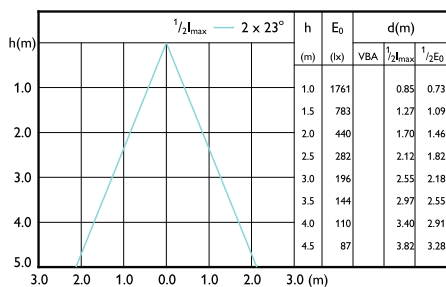
Beam diagram - MAS ExpertColor 10.8-50W  
927 AR111 9D



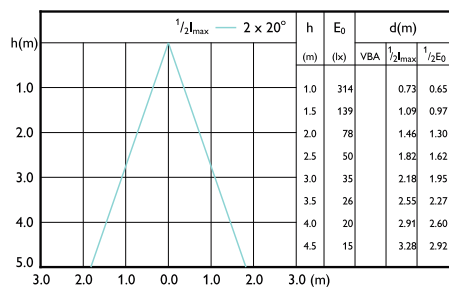
Beam diagram - MAS ExpertColor 14.8-75W 927  
AR111 45D



Beam diagram - MAS LEDExpertColor 20-100W  
930 AR111 45D



Beam diagram - MAS LEDExpertColor 20-100W  
940 AR111 45D



Beam diagram - MAS ExpertColor 10.8-50W  
927 AR111 40D

## MASTER LEDspot ExpertColor AR111

