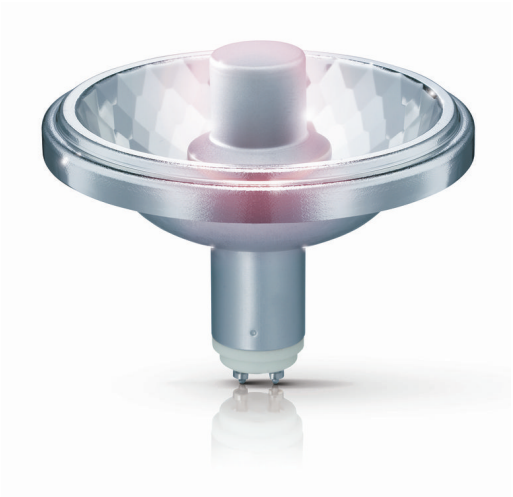


Brillantezza perfetta, design di tendenza

MASTERColour CDM-R111 Elite

MASTERColour CDM-R111 Elite abbina l'aspetto di tendenza delle lampade alogene con riflettore in alluminio da 111 mm alle caratteristiche di lunga durata, elevata efficienza energetica e luce bianca brillante di MASTERColour CDM.

Vantaggi

- Luce bianca vivida e brillante
- Facilità di installazione
- Minore riverbero e maggiore comfort per clienti e personale

Caratteristiche

- Efficacia lampada elevata
- Lunga durata della lampada rispetto alle lampade a incandescenza e alogene
- Il tubo a scarica in ceramica è posizionato in modo ottimale e stabile nel riflettore
- Capsula del bruciatore con filtro UV
- Design antiabbagliamento

Applicazione

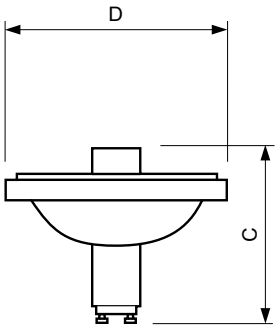
- Illuminazione d'accento e decorativa: illuminazione per espositori con un incredibile effetto brillante, perfino nelle aree con livelli elevati di luce ambientale di sfondo, come le vetrine
- Illuminazione generale: possibilità di creare un'atmosfera calda e confortevole negli apparecchi downlight

Warnings and safety

- L'alimentatore deve includere protezione alla fine del ciclo di vita (IEC61167, IEC 62035)
- Utilizzare esclusivamente con alimentatori con controllo elettronico. Per le lampade 35W/930 è possibile utilizzare anche alimentatori elettromagnetici

MASTERColour CDM-R111 Elite

Disegno tecnico



Product	D (max)	C (max)
MASTERC CDM-R111 Elite 35W/930 GX8.5 10D	111 mm	95 mm
MASTERC CDM-R111 Elite 35W/930 GX8.5 24D	111 mm	95 mm
MASTERC CDM-R111 Elite 35W/930 GX8.5 40D	111 mm	95 mm
MASTERC CDM-R111 Elite 70W/930 GX8.5 10D	111 mm	95 mm
MASTERC CDM-R111 Elite 70W/930 GX8.5 24D	111 mm	95 mm
MASTERC CDM-R111 Elite 70W/930 GX8.5 40D	111 mm	95 mm

Informazioni generali	
Attacco	GX8.5
Ciclo di commutazione on/off	1.050
Posizione di funzionamento	UNIVERSAL
Dati tecnici di illuminazione	
Coordinata Y cromaticità (Nom)	0,434
Coordinata cromatica Y (Nom)	0,398
Designazione colore	Bianco caldo (WW)
Temperatura del colore correlata	3000 K
LLMF a fine durata vita nominale (Nom)	70 %
Funzionamento e parte elettrica	
Tempo di riscaldamento per raggiungere il 60% del flusso luminoso	120 s
Tensione (Nom)	89 V
Controlli e dimmerazione	
Dimmerabile	No
Meccanica e corpo	
Finitura lampadina	Riflettore
Forma lampadina	R111

Dati tecnici di illuminazione (1/2)

Order Code	Full Product Name	Angolo del fascio (Nom)	Indice di resa cromatica (CRI)	Efficienza luminosa (specificata) (Nom)	Flusso luminoso
68918800	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D	10 °	90	37 lm/W	1.350 lm
68944700	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D	24 °	90	46 lm/W	1.750 lm
68952200	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	40 °	90	46 lm/W	1.750 lm
68962100	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D	10 °	92	40 lm/W	2.805 lm
68970600	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D	24 °	92	50 lm/W	3.550 lm
68978200	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D	40 °	92	50 lm/W	3.550 lm

Dati tecnici di illuminazione (2/2)

Order Code	Full Product Name	Intensità luminosa (Nom)
68918800	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D	36.000 cd
68944700	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D	8.500 cd
68952200	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	4.500 cd

Order Code	Full Product Name	Intensità luminosa (Nom)
68962100	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D	45.000 cd
68970600	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D	16.000 cd
68978200	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D	8.500 cd

Funzionamento e parte elettrica

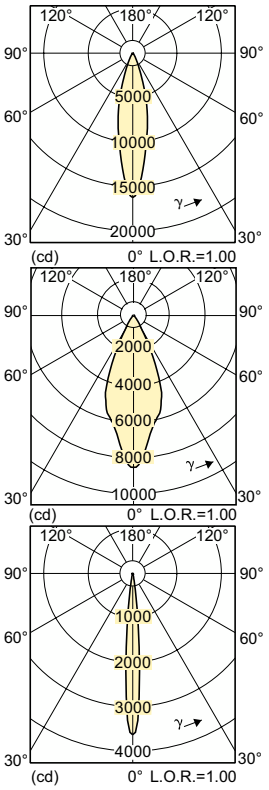
MASTERColour CDM-R111 Elite

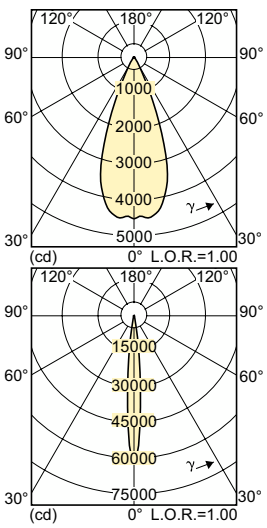
Order Code	Full Product Name	Consumo energetico
68918800	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D	39,1 W
68944700	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D	39,1 W
68952200	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	39,1 W

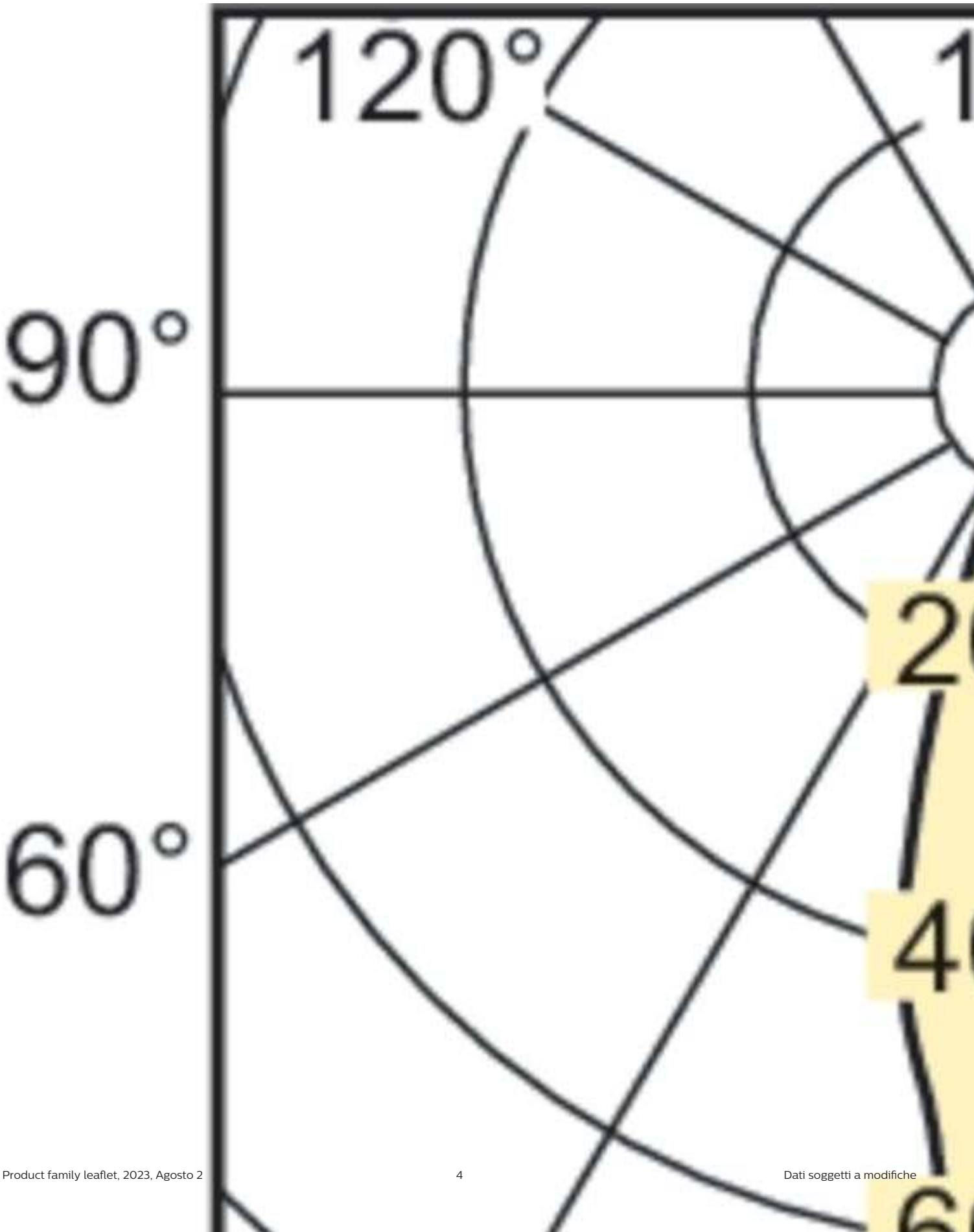
Order Code	Full Product Name	Consumo energetico
68962100	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D	73,2 W
68970600	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D	73,2 W
68978200	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D	73,2 W

Approvazione e applicazione

Order Code	Full Product Name	Consumo energetico kWh/1000 h	Contenuto di mercurio (Hg) (Max)	Contenuto di mercurio (Hg) (Nom)
68918800	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 10D	40 kWh	4,7 mg	4,7 mg
68944700	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 24D	40 kWh	4,7 mg	4,7 mg
68952200	MASTERColour CDM-R111 Elite CDM-R111 Elite 35W/930 GX8.5 40D	40 kWh	4,7 mg	4,7 mg
68962100	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 10D	74 kWh	6,6 mg	6,6 mg
68970600	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 24D	74 kWh	6,6 mg	6,6 mg
68978200	MASTERColour CDM-R111 Elite CDM-R111 Elite 70W/930 GX8.5 40D	74 kWh	6,6 mg	6,6 mg

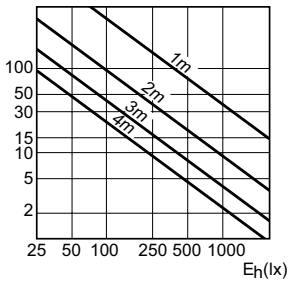




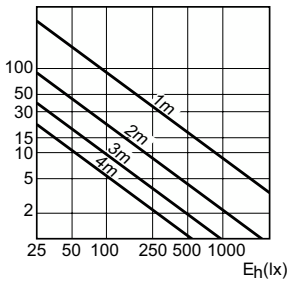

120°
90°
60°

MASTERColour CDM-R111 Elite

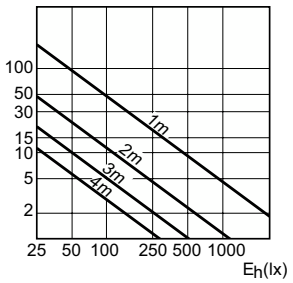
Accent Diagrams



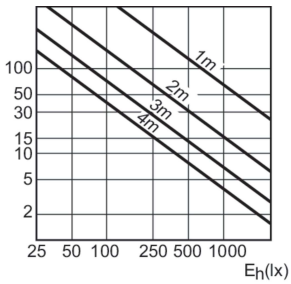
Accent Diagram - MASTERC CDM-R111 Elite
35W/930 GX8.5 10D



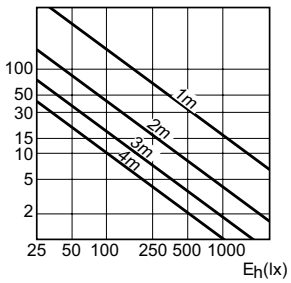
Accent Diagram - MASTERC CDM-R111 Elite
35W/930 GX8.5 24D



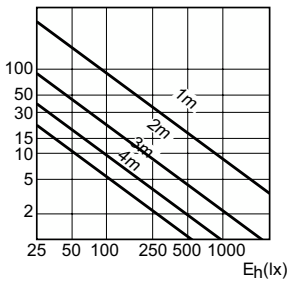
Accent Diagram - MASTERC CDM-R111 Elite
35W/930 GX8.5 40D



Accent Diagram - MASTERC CDM-R111 Elite
70W/930 GX8.5 10D

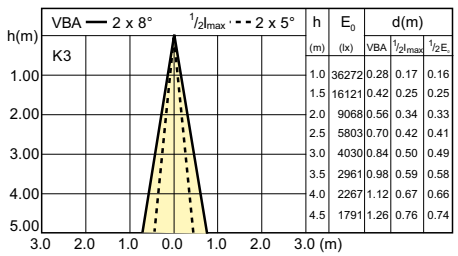


Accent Diagram - MASTERC CDM-R111 Elite
70W/930 GX8.5 24D



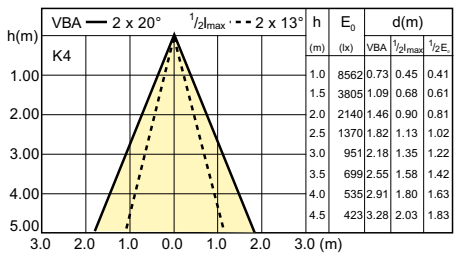
Accent Diagram - MASTERC CDM-R111 Elite
70W/930 GX8.5 40D

Beam Diagrams



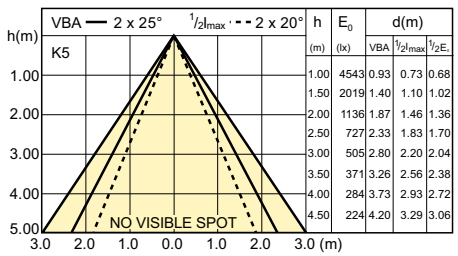
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E_0
1.0	36272	0.28	0.17	0.16
1.5	16121	0.42	0.25	0.25
2.0	9068	0.56	0.34	0.33
2.5	5803	0.70	0.42	0.41
3.0	4030	0.84	0.50	0.49
3.5	2961	0.98	0.59	0.58
4.0	2267	1.12	0.67	0.66
4.5	1791	1.26	0.76	0.74

Beam diagram - MASTERC CDM-R111 Elite
35W/930 GX8.5 10D



h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E_0
1.0	8562	0.73	0.45	0.41
1.5	3805	1.09	0.68	0.61
2.0	2140	1.46	0.90	0.81
2.5	1370	1.82	1.13	1.02
3.0	951	2.18	1.35	1.22
3.5	699	2.55	1.58	1.42
4.0	535	2.91	1.80	1.63
4.5	423	3.28	2.03	1.83

Beam diagram - MASTERC CDM-R111 Elite
35W/930 GX8.5 24D

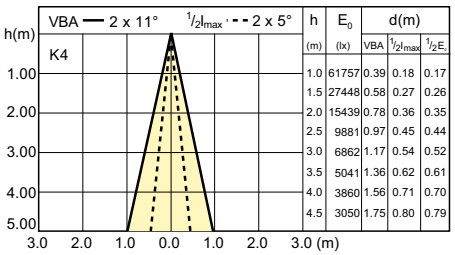


h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E_0
1.00	4543	0.93	0.73	0.68
1.50	2019	1.40	1.10	1.02
2.00	1136	1.87	1.46	1.36
2.50	727	2.33	1.83	1.70
3.00	505	2.80	2.20	2.04
3.50	371	3.26	2.56	2.38
4.00	284	3.73	2.93	2.72
4.50	224	4.20	3.29	3.06

Beam diagram - MASTERC CDM-R111 Elite
35W/930 GX8.5 40D

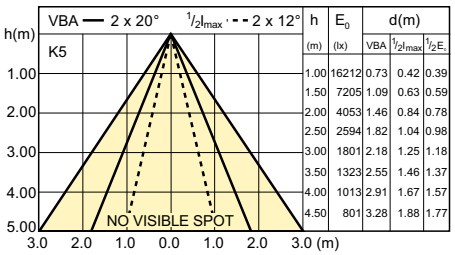
MASTERColour CDM-R111 Elite

Beam Diagrams



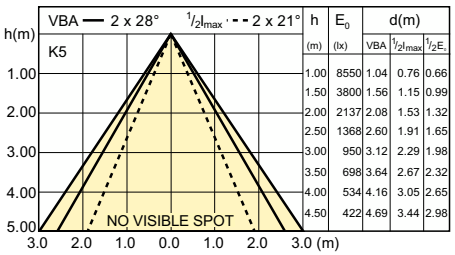
h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.0	61757	0.39	0.18	0.17
1.5	27448	0.58	0.27	0.26
2.0	15439	0.78	0.36	0.35
2.5	9881	0.97	0.45	0.44
3.0	6862	1.17	0.54	0.52
3.5	5041	1.36	0.62	0.61
4.0	3860	1.56	0.71	0.70
4.5	3050	1.75	0.80	0.79

Beam diagram - MASTERC CDM-R111 Elite
70W/930 GX8.5 10D



h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.00	16212	0.73	0.42	0.39
1.50	7205	1.09	0.63	0.59
2.00	4053	1.46	0.84	0.78
2.50	2594	1.82	1.04	0.98
3.00	1801	2.18	1.25	1.18
3.50	1323	2.55	1.46	1.37
4.00	1013	2.91	1.67	1.57
4.50	801	3.28	1.88	1.77

Beam diagram - MASTERC CDM-R111 Elite
70W/930 GX8.5 24D



h (m)	E_0 (lx)	d(m) VBA	d(m) ½Imax	d(m) ½E0
1.00	8550	1.04	0.76	0.66
1.50	3800	1.56	1.15	0.99
2.00	2137	2.08	1.53	1.32
2.50	1368	2.60	1.91	1.65
3.00	950	3.12	2.29	1.98
3.50	698	3.64	2.67	2.32
4.00	534	4.16	3.05	2.65
4.50	422	4.69	3.44	2.98

Beam diagram - MASTERC CDM-R111 Elite
70W/930 GX8.5 40D

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