



Simply irresistible. Superior light quality from start to finish

MasterColor CDM-R Elite

The Elite family is at the very top of the MasterColor CDM range, and gives a unique combination of unbeatable light quality and consistent performance over lifetime, while keeping running costs low. MasterColor metal halide lamps deliver consistent white light and higher color rendering than any standard metal halide source for architectural lighting. MasterColor CDM Elite PAR30L lamps deliver similar performance as the MasterColor Elite family lamps in the familiar PAR30L shape.

Benefits

- Energy-efficient alternative to incandescent, halogen and standard MasterColor PAR30L lamps.
- Improved lumen maintenance over standard metal halide and standard MasterColor PAR30L lamps.
- Lamp to lamp color consistency over life.

Features

- Exceptional color rendering and superior color stability -- within +/- 200 K, CRI 90, 3000 K
- Low mercury, no lead; ALTO-compliant
- Operates on existing electronic and electromagnetic ballasts
- Features FadeBlock™—an integrated UV-blocking medium for reduced fading of fabrics and paintings
- Available in 35 and 70 W versions

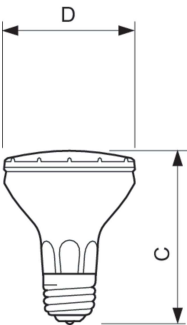
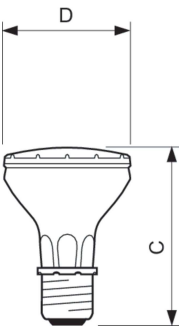
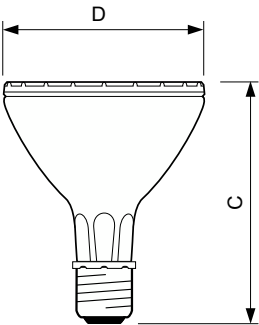
Application

- Ideal for display and accent lighting in retail and architectural lighting for interior and exterior applications.

Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Dimensional drawing



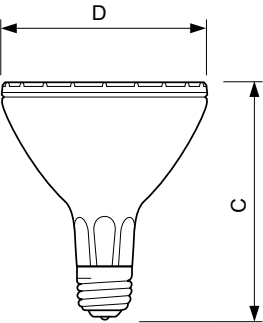
Product	D (max)	C (max)
MC CDM-R Elite 35W/930 E27 PAR30L 10D	97 mm	123 mm
MC CDM-R Elite 35W/930 E27 PAR30L 30D	97 mm	123 mm
MC CDM-R Elite 70W/930 E27 PAR30L 10D	97 mm	123 mm
MC CDM-R Elite 70W/930 E27 PAR30L 30D	97 mm	123 mm
MC CDM-R Elite 70W/930 E27 PAR30L 40D	97 mm	123 mm

Product	D (max)	C (max)
MC CDM-R Elite 35W/930 E27 PAR20 10D	65 mm	95 mm
MC CDM-R Elite 35W/930 E27 PAR20 30D	65 mm	95 mm

Product	D (max)	C (max)
MC CDM-R Elite 35W/930 E26 PAR20 30D	65 mm	95 mm

MasterColor CDM-R Elite

Dimensional drawing



Product	D (max)	C (max)
MC CDM-R Elite 35W/930 E26 PAR30L 30D	97 mm	123 mm
MC CDM-R Elite 70W/930 E26 PAR30L 40D	97 mm	123 mm

General Information	
Switching Cycle	1,350
Operating Position	UNIVERSAL
Light Technical	
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
LLMF At End Of Nominal Lifetime (Nom)	80 %
Operating and Electrical	
Warm-up time to 60% light	120 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

General Information

Order Code	Full Product Name	Cap-Base
928109300630	MC CDM-R Elite 70W/930 E27 PAR30L 10D	E27
928109400630	MC CDM-R Elite 70W/930 E27 PAR30L 30D	E27
928109500630	MC CDM-R Elite 70W/930 E27 PAR30L 40D	E27
928050100615	MC CDM-R Elite 35W/930 E26 PAR20 30D	E26
928050200630	MC CDM-R Elite 35W/930 E27 PAR20 10D	E27
928050300630	MC CDM-R Elite 35W/930 E27 PAR20 30D	E27
928108100630	MC CDM-R Elite 35W/930 E27 PAR30L 10D	E27
928108200630	MC CDM-R Elite 35W/930 E27 PAR30L 30D	E27
928108400615	MC CDM-R Elite 35W/930 E26 PAR30L 30D	E26
928109800615	MC CDM-R Elite 70W/930 E26 PAR30L 40D	E26

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color rendering index (CRI)
928109300630	MC CDM-R Elite 70W/930 E27 PAR30L 10D	10 degree(s)	0.434	0.398	92
928109400630	MC CDM-R Elite 70W/930 E27 PAR30L 30D	30 degree(s)	0.434	0.398	92
928109500630	MC CDM-R Elite 70W/930 E27 PAR30L 40D	40 degree(s)	0.434	0.398	92

Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color rendering index (CRI)
928050100615	MC CDM-R Elite 35W/930 E26 PAR20 30D	30 degree(s)	0.437	0.400	91
928050200630	MC CDM-R Elite 35W/930 E27 PAR20 10D	10 degree(s)	0.434	0.398	91
928050300630	MC CDM-R Elite 35W/930 E27 PAR20 30D	30 degree(s)	0.434	0.398	91

MasterColor CDM-R Elite

Order Code	Full Product Name	Beam Angle	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color rendering index (CRI)
		(Nom)	(Nom)	(Nom)	(CRI)
928108100630	MC CDM-R	10	0.434	0.398	91
	Elite 35W/930	degree(s)			
	E27 PAR30L				
	10D				
928108200630	MC CDM-R	30	0.434	0.398	91
	Elite 35W/930	degree(s)			
	E27 PAR30L				
	30D				

Order Code	Full Product Name	Beam Angle	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color rendering index (CRI)
		(Nom)	(Nom)	(Nom)	(CRI)
928108400615	MC CDM-R	30	0.437	0.400	91
	Elite 35W/930	degree(s)			
	E26 PAR30L				
	30D				
928109800615	MC CDM-R	40	0.443	0.402	92
	Elite 70W/930	degree(s)			
	E26 PAR30L				
	40D				

Light Technical (2/2)

Order Code	Full Product Name	Luminous Efficacy (rated)	Luminous Flux	Luminous Intensity
		(Nom)	(Nom)	(Nom)
928109300630	MC CDM-R Elite	70 lm/W	4,500 lm	61,000 cd
	70W/930 E27 PAR30L			
	10D			
928109400630	MC CDM-R Elite	70 lm/W	4,500 lm	14,000 cd
	70W/930 E27 PAR30L			
	30D			
928109500630	MC CDM-R Elite	70 lm/W	4,400 lm	10,300 cd
	70W/930 E27 PAR30L			
	40D			
928050100615	MC CDM-R Elite	61 lm/W	-	5,800 cd
	35W/930 E26 PAR20			
	30D			
928050200630	MC CDM-R Elite	60 lm/W	2,050 lm	23,000 cd
	35W/930 E27 PAR20			
	10D			

Order Code	Full Product Name	Luminous Efficacy (rated)	Luminous Flux	Luminous Intensity
		(Nom)	(Nom)	(Nom)
928050300630	MC CDM-R Elite	61 lm/W	2,100 lm	6,500 cd
	35W/930 E27 PAR20			
	30D			
928108100630	MC CDM-R Elite	69 lm/W	2,400 lm	49,000 cd
	35W/930 E27 PAR30L			
	10D			
928108200630	MC CDM-R Elite	69 lm/W	2,400 lm	8,000 cd
	35W/930 E27 PAR30L			
	30D			
928108400615	MC CDM-R Elite	69 lm/W	-	8,000 cd
	35W/930 E26 PAR30L			
	30D			
928109800615	MC CDM-R Elite	70 lm/W	-	9,300 cd
	70W/930 E26 PAR30L			
	40D			

Operating and Electrical

Order Code	Full Product Name	Voltage	Power
		(Nom)	Consumption
928109300630	MC CDM-R Elite 70W/930 E27	86 V	73.2 W
	PAR30L 10D		
928109400630	MC CDM-R Elite 70W/930 E27	86 V	73.2 W
	PAR30L 30D		
928109500630	MC CDM-R Elite 70W/930 E27	86 V	73.2 W
	PAR30L 40D		
928050100615	MC CDM-R Elite 35W/930 E26	88 V	39 W
	PAR20 30D		
928050200630	MC CDM-R Elite 35W/930 E27	88 V	39.1 W
	PAR20 10D		

Order Code	Full Product Name	Voltage	Power
		(Nom)	Consumption
928050300630	MC CDM-R Elite 35W/930 E27	88 V	39.1 W
	PAR20 30D		
928108100630	MC CDM-R Elite 35W/930 E27	88 V	39.1 W
	PAR30L 10D		
928108200630	MC CDM-R Elite 35W/930 E27	88 V	39.1 W
	PAR30L 30D		
928108400615	MC CDM-R Elite 35W/930 E26	88 V	39 W
	PAR30L 30D		
928109800615	MC CDM-R Elite 70W/930 E26	86 V	73.0 W
	PAR30L 40D		

Mechanical and Housing

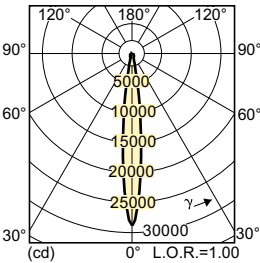
MasterColor CDM-R Elite

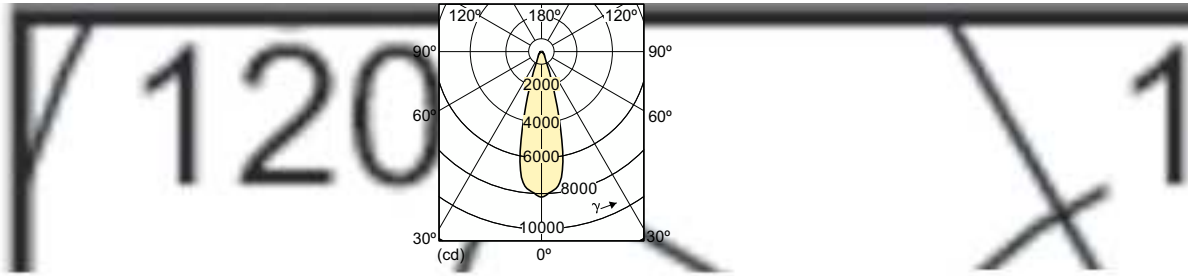
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928109400630	MC CDM-R Elite 70W/930 E27 PAR30L 30D	PAR30L
928109500630	MC CDM-R Elite 70W/930 E27 PAR30L 40D	PAR30L
928050100615	MC CDM-R Elite 35W/930 E26 PAR20 30D	PAR20
928050200630	MC CDM-R Elite 35W/930 E27 PAR20 10D	PAR20

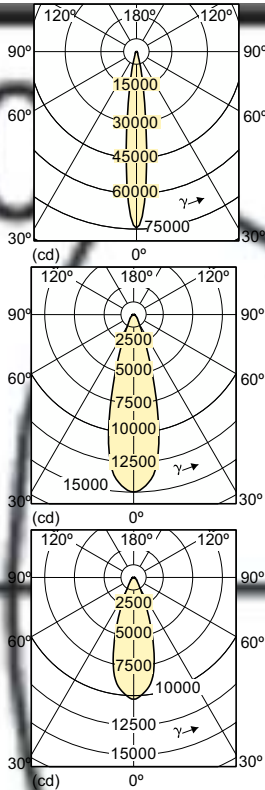
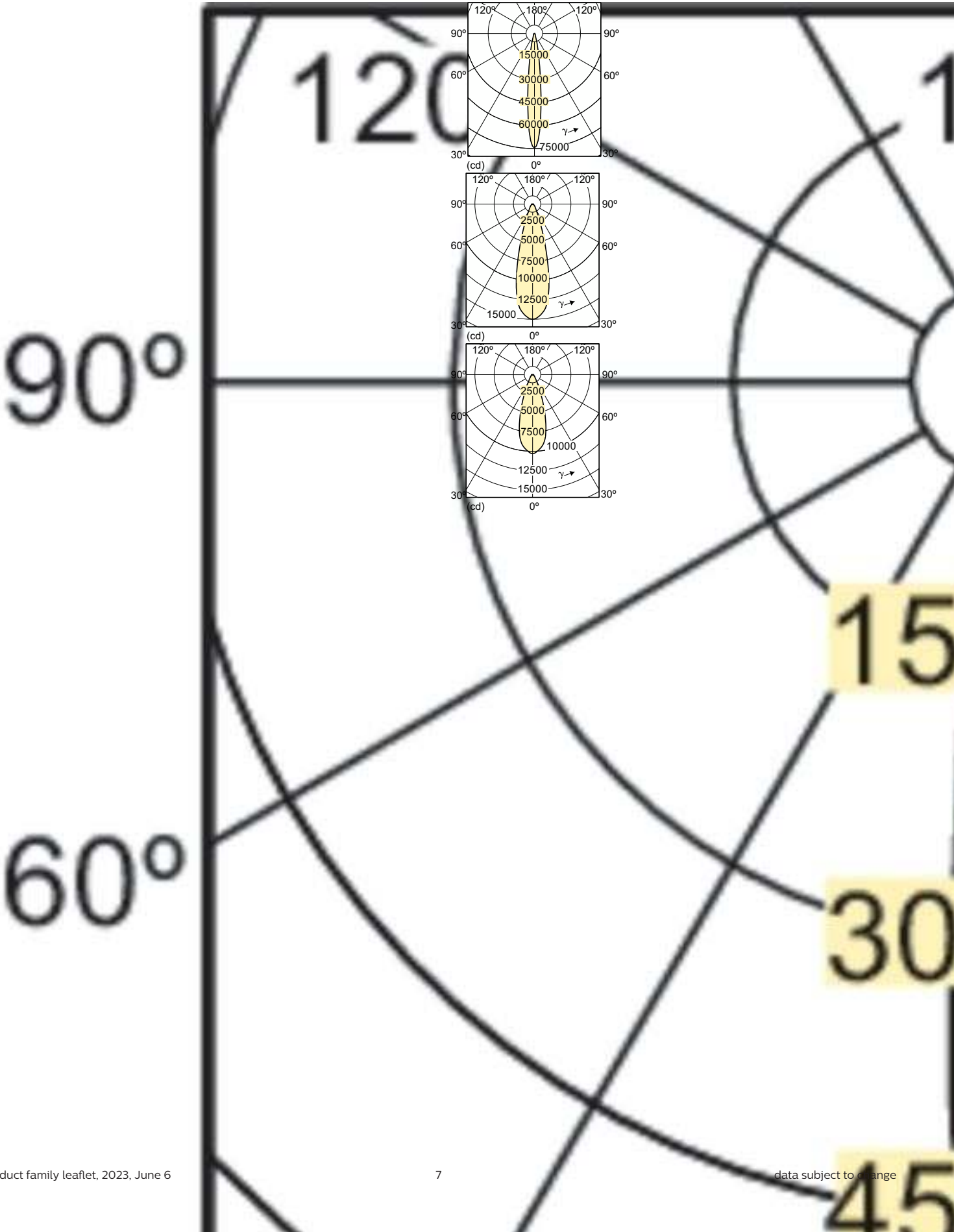
Order Code	Full Product Name	Bulb Shape
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928108100630	MC CDM-R Elite 35W/930 E27 PAR30L 10D	PAR30L
928108200630	MC CDM-R Elite 35W/930 E27 PAR30L 30D	PAR30L
928108400615	MC CDM-R Elite 35W/930 E26 PAR30L 30D	PAR30L
928109800615	MC CDM-R Elite 70W/930 E26 PAR30L 40D	PAR30L

Approval and Application

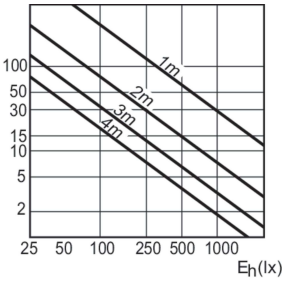
Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928109300630	MC CDM-R Elite 70W/930 E27 PAR30L 10D	74 kWh	6.6 mg	6.6 mg
928109400630	MC CDM-R Elite 70W/930 E27 PAR30L 30D	74 kWh	6.6 mg	6.6 mg
928109500630	MC CDM-R Elite 70W/930 E27 PAR30L 40D	74 kWh	6.6 mg	6.6 mg
928050100615	MC CDM-R Elite 35W/930 E26 PAR20 30D	43 kWh	-	4.7 mg
928050200630	MC CDM-R Elite 35W/930 E27 PAR20 10D	40 kWh	4.7 mg	4.7 mg
928050300630	MC CDM-R Elite 35W/930 E27 PAR20 30D	40 kWh	4.7 mg	4.7 mg
928108100630	MC CDM-R Elite 35W/930 E27 PAR30L 10D	40 kWh	4.7 mg	4.7 mg
928108200630	MC CDM-R Elite 35W/930 E27 PAR30L 30D	40 kWh	4.7 mg	4.7 mg
928108400615	MC CDM-R Elite 35W/930 E26 PAR30L 30D	43 kWh	-	4.7 mg
928109800615	MC CDM-R Elite 70W/930 E26 PAR30L 40D	80 kWh	-	6.6 mg



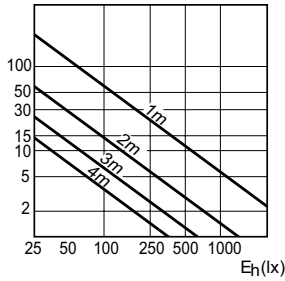




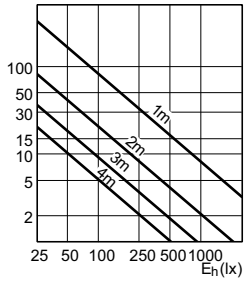
Accent Diagrams



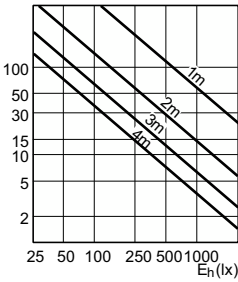
Accent Diagram - MC CDM-R Elite 35W/930
E27 PAR20 10D



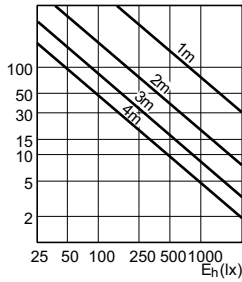
Accent Diagram - MC CDM-R Elite 35W/930
E27 PAR20 30D



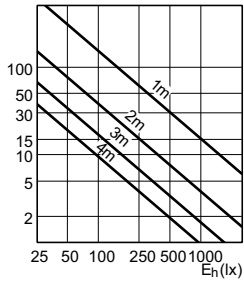
Accent Diagram - MC CDM-R Elite 35W/930
E26 PAR30L 30D



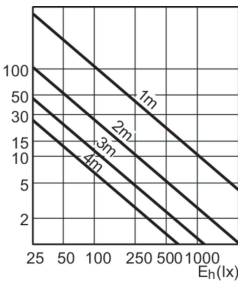
Accent Diagram - MC CDM-R Elite 35W/930
E27 PAR30L 10D



Accent Diagram - MC CDM-R Elite 70W/930
E27 PAR30L 10D



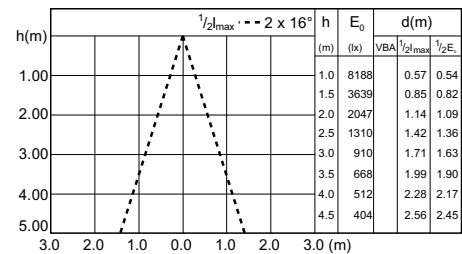
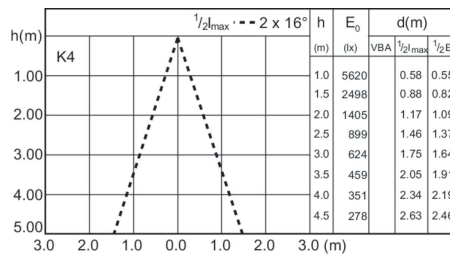
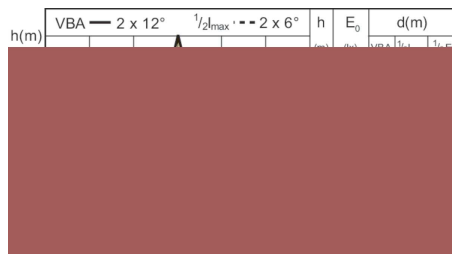
Accent Diagram - MC CDM-R Elite 70W/930
E27 PAR30L 30D



Accent Diagram - MC CDM-R Elite 70W/930
E27 PAR30L 40D

MasterColor CDM-R Elite

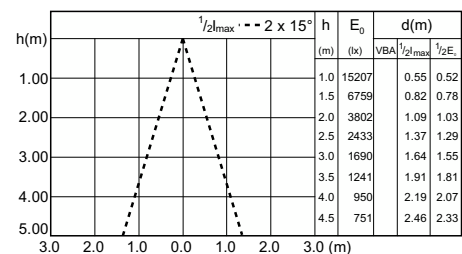
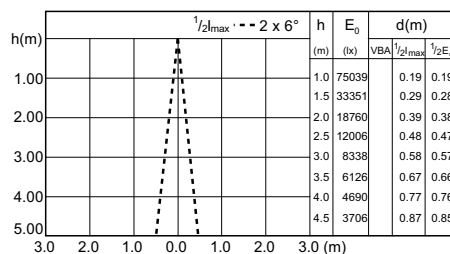
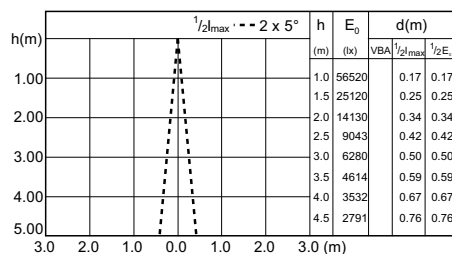
Beam Diagrams



Beam diagram - MC CDM-R Elite 35W/930 E27
PAR20 10D

Beam diagram - MC CDM-R Elite 35W/930 E27
PAR20 30D

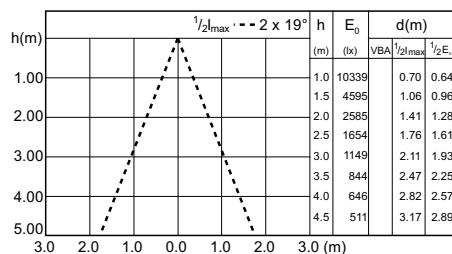
Beam diagram - MC CDM-R Elite 35W/930 E26
PAR30L 30D



Beam diagram - MC CDM-R Elite 35W/930 E27
PAR30L 10D

Beam diagram - MC CDM-R Elite 70W/930 E27
PAR30L 10D

Beam diagram - MC CDM-R Elite 70W/930 E27
PAR30L 30D



Beam diagram - MC CDM-R Elite 70W/930 E27
PAR30L 40D

MasterColor CDM-R Elite

