



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

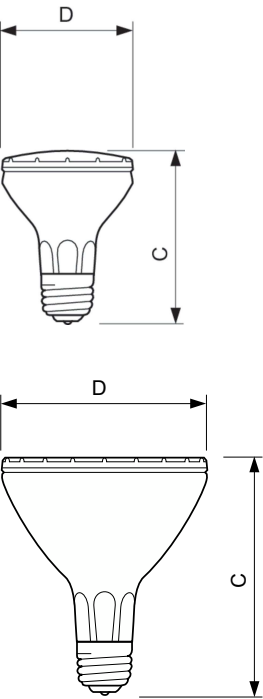
- Ideal for display and accent lighting in retail and architectural lighting for interior and exterior applications.

MasterColor CDM-R Elite

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 E26 PAR20 30D	65 mm	95 mm

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	
Cap-Base	E26
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

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Chromaticity	Chromaticity	Color rendering index (CRI)
			Coordinate X (Nom)	Coordinate Y (Nom)	
928050100615	MC CDM-R Elite 35W/930 E26 PAR20 30D	30 degree(s)	0.437	0.400	91
928108400615	MC CDM-R Elite 35W/930 E26 PAR30L 30D	30 degree(s)	0.437	0.400	91
928109800615	MC CDM-R Elite 70W/930 E26 PAR30L 40D	40 degree(s)	0.443	0.402	92

Light Technical (2/2)

MasterColor CDM-R Elite

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Intensity (Nom)
928050100615	MC CDM-R Elite 35W/930 E26 PAR20 30D	61 lm/W	5,800 cd
928108400615	MC CDM-R Elite 35W/930 E26 PAR30L 30D	69 lm/W	8,000 cd

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Intensity (Nom)
928109800615	MC CDM-R Elite 70W/930 E26 PAR30L 40D	70 lm/W	9,300 cd

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928050100615	MC CDM-R Elite 35W/930 E26 PAR20 30D	88 V	39 W
928108400615	MC CDM-R Elite 35W/930 E26 PAR30L 30D	88 V	39 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928109800615	MC CDM-R Elite 70W/930 E26 PAR30L 40D	86 V	73.0 W

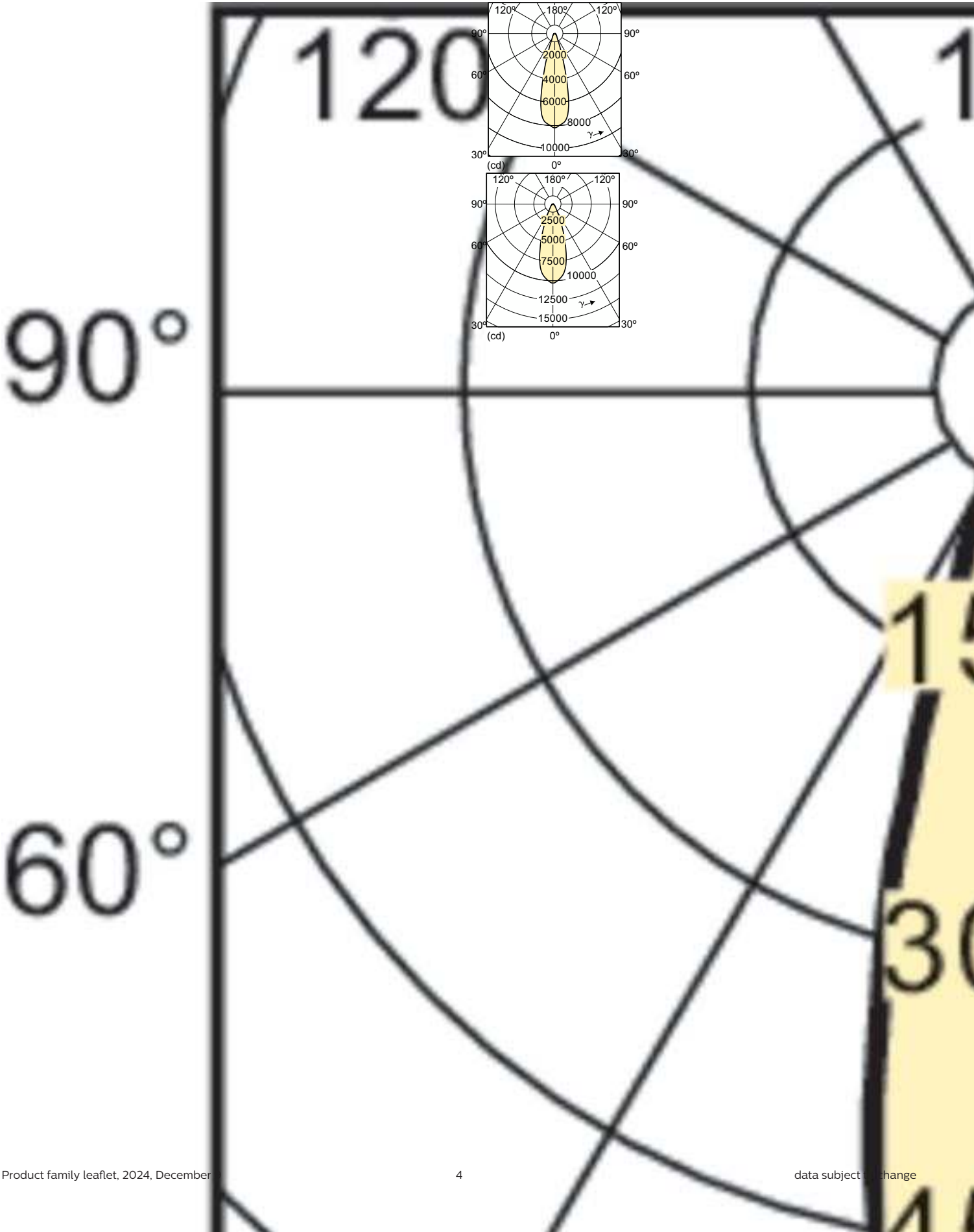
Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928050100615	MC CDM-R Elite 35W/930 E26 PAR20 30D	PAR20
928108400615	MC CDM-R Elite 35W/930 E26 PAR30L 30D	PAR30L

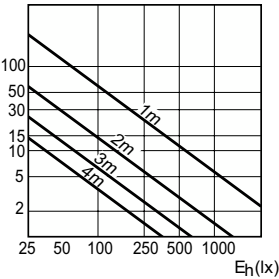
Order Code	Full Product Name	Bulb Shape
928109800615	MC CDM-R Elite 70W/930 E26 PAR30L 40D	PAR30L

Approval and Application

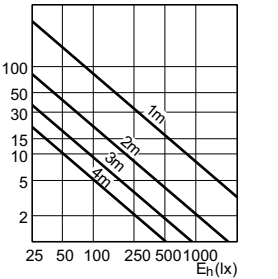
Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
928050100615	MC CDM-R Elite 35W/930 E26 PAR20 30D	43 kWh	4.7 mg
928108400615	MC CDM-R Elite 35W/930 E26 PAR30L 30D	43 kWh	4.7 mg
928109800615	MC CDM-R Elite 70W/930 E26 PAR30L 40D	80 kWh	6.6 mg



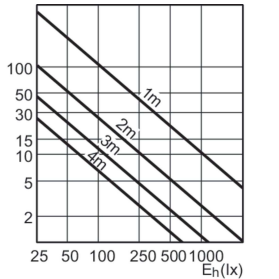
Accent Diagrams



Accent Diagram - MC CDM-R Elite 35W/930 E26 PAR20 30D

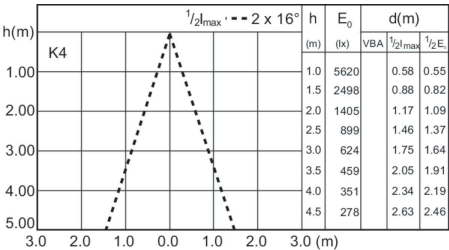


Accent Diagram - MC CDM-R Elite 35W/930 E26 PAR30L 30D

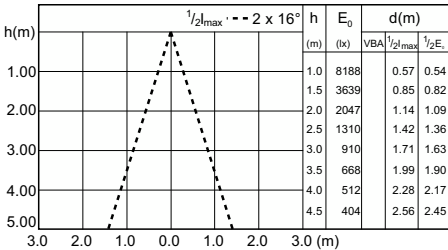


Accent Diagram - MC CDM-R Elite 70W/930 E26 PAR30L 40D

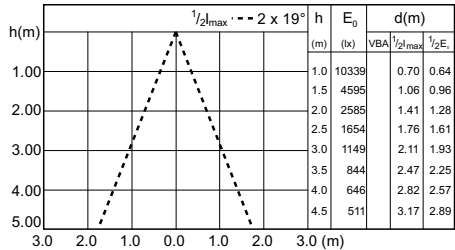
Beam Diagrams



Beam diagram - MC CDM-R Elite 35W/930 E26 PAR20 30D



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



Beam diagram - MC CDM-R Elite 70W/930 E26 PAR30L 40D

