



MASTERColour CDM-R Elite

MASTERColour CDM-R Elite 35W/930 E27 PAR30L 30D

Compact, very high-efficiency, long-life Ceramic Metal Halide discharge reflector lamp producing crisp white sparkling light with high colour rendering

Warnings and Safety

- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

Product data

General Information		Colour Designation	
Cap base	E27 [E27]		Warm white (WW)
Burning Position	UNIVERSAL [Any/Universal]	Lumen maintenance 12,000 hours (nom.)	82 %
Life to 5% failures (nom.)	9000 h	Lumen maintenance 2,000 hours (nom.)	94 %
Life to 10% failures (nom.)	5500 h	Lumen maintenance 4,000 hours (nom.)	90 %
Life to 20% failures (nom.)	12000 h	Design mean lumens	2000 lm
Life to 50% failures (nom.)	15000 h	Chromaticity coordinate X (nom.)	0.434
Switching cycle	1350X	Chromaticity coordinate Y (nom.)	0.398
	Narrow Cone	Colour Temperature, horizontal (Nom)	3000 K
		Lamp Luminous Efficacy EM (Nom)	69 lm/W
		Colour Rendering Index,horiz (Min)	88
		Colour Rendering Index,horiz (Nom)	91
		LLMF at end of nominal lifetime (nom.)	80 %
		Luminous flux in 90° cone (rated)	2400 lm
Light Technical		Operating and Electrical	
Colour Code	930 [CCT of 3,000 K]	Power (Rated) (Nom)	39.1 W
Technical Beam Angle (Nom)	30 °	Lamp current (EM) (nom.)	0.450 A
Beam angle technical	30 °		
Lamp Luminous Flux 25°C EL (Nom)	2400 lm		
Luminous intensity (nom.)	8000 cd		
Beam description	Flood [Flood]		

MASTERC colour CDM-R Elite

Ignition supply voltage (min.)	198 V
Re-ignition time (min.) (max.)	15 min
Warm-up time to 60% light (nom.)	120 s
Ignition time (max.)	30 s
Voltage (Max)	96 V
Voltage (Min)	80 V
Voltage (Nom)	88 V

Controls and Dimming

Dimmable	No
Run-up time 90% (max.)	3 min

Mechanical and Housing

Lamp Finish	Clear
Bulb shape	PAR30L [PAR 3.75 inch/95mm Long]

Approval and Application

Energy Efficiency Class	G
Mercury (Hg) content (max.)	4.7 mg
Mercury (Hg) content (nom.)	4.7 mg

Energy consumption kWh/1,000 hours	40 kWh
	473363

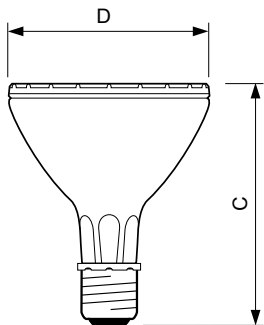
Luminaire Design Requirements

Bulb temperature (max.)	300 °C
Cap-base temperature (max.)	200 °C

Product Data

Full product code	871829124194200
Order product name	MASTERC colour CDM-R Elite 35W/930 E27 PAR30L 30D
EAN/UPC – product	8718291241942
Order code	928108200630
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928108200630
SAP net weight (piece)	0.220 kg
ILCOS code	MRS/UB-35/930-H-E27-95/125/30

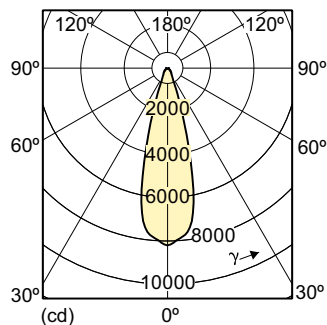
Dimensional drawing



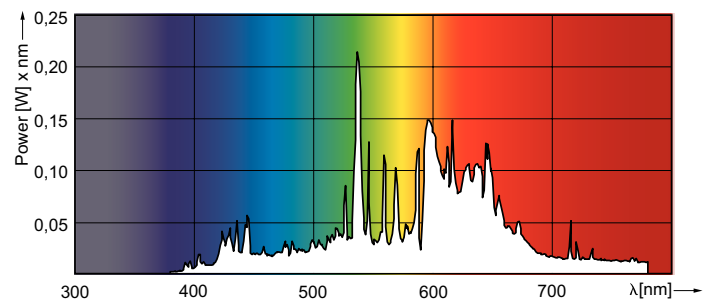
CDM-R Elite 35W/930 E27 PAR30L 30D

Product	D (max)	C (max)
MASTERC colour CDM-R Elite 35W/930 E27 PAR30L 30D	97 mm	123 mm

Photometric data

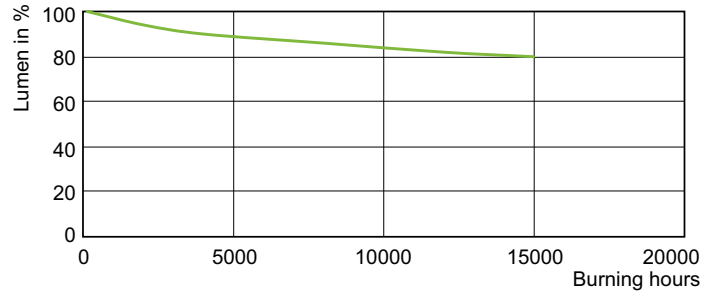
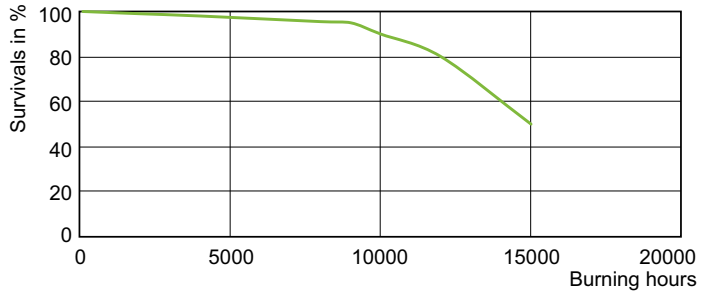


LDLD_CDM-R-E_0001-Light distribution diagram



MASTERCcolour CDM-R Elite

Lifetime



LDLE_CDM-R-E_930_PAR30L-Life expectancy diagram

