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)

Versions

CDM-R Elite 35W E26 PAR20

CDM-R Elite 30W /930, /942 E27 PAR20

CDM-R Elite /930, /942 E27 PAR30L

CDM-R Elite /930 E26 PAR30L

Dimensional drawing

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Product

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- MASTERColour CDM-R Elite 35W/930 E26 PAR30L 10D
- MASTERColour CDM-R Elite 70W/930 E26 PAR30L 40D
- MASTERColour CDM-R Elite 70W/930 E26 PAR30L 10D
### Dimensional drawing

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Data subject to change
Controls and Dimming

Dimmable
No

Operating and Electrical

Re-Ignition Time (Min) (Max)
15 min

Warm Up Time To 60% Light (Nom)
120 s

General Information

Life To 20% Failures (Nom)
12000 h

Life To 50% Failures (Nom)
15000 h

Life To 5% Failures (Nom)
9000 h

Operating Position
UNIVERSAL

Switching Cycle
1350X

Luminaire Design Requirements

Bulb Temperature (Max)
300 °C

Light Technical

Color Code
930

Color Designation
Warm White (WW)

Correlated Color Temperature (Nom)
3000 K

Lm At End Of Nominal Lifetime (Nom)
80 %

Lumen Maintenance 12000 h (Nom)
82 %

Lumen Maintenance 2000 h (Nom)
94 %

Lumen Maintenance 4000 h (Nom)
90 %

Mechanical and Housing

Bulb Finish
Clear

Approval and Application

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Mechanical and Housing

Bulb Finish
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Product family leaflet, 2020, June 30
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### General Information

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### Light Technical (1/2)

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Product family leaflet, 2020, June 30

- data subject to change
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928050000615  MASTERColor CDM-R Elite 35W/930 E26 PAR20 10D  10 °  Spot  0.437  0.400
928050100615  MASTERColor CDM-R Elite 35W/930 E26 PAR20 30D  30 °  Flood  0.437  0.400
928050200630  MASTERColor CDM-R Elite 35W/930 E27 PAR20 10D  10 °  Spot  0.437  0.400
928050300630  MASTERColor CDM-R Elite 35W/930 E27 PAR20 30D  30 °  Flood  0.437  0.400
928108100630  MASTERColor CDM-R Elite 35W/930 E27 PAR30L 10D  10 °  Spot  0.437  0.400
928108200630  MASTERColor CDM-R Elite 35W/930 E27 PAR30L 30D  30 °  Flood  0.437  0.400
928109300630  MASTERColor CDM-R Elite 70W/930 E27 PAR30L 10D  10 °  Spot  0.443  0.402
928109400630  MASTERColor CDM-R Elite 70W/930 E27 PAR30L 30D  30 °  Flood  0.443  0.402
928109500630  MASTERColor CDM-R Elite 70W/930 E27 PAR30L 40D  40 °  Flood  0.443  0.402
928108300615  MASTERColor CDM-R Elite 35W/930 E26 PAR30L 10D  10 °  Spot  0.437  0.400
928108400615  MASTERColor CDM-R Elite 35W/930 E26 PAR30L 30D  30 °  Flood  0.437  0.400
928109600615  MASTERColor CDM-R Elite 70W/930 E26 PAR30L 10D  10 °  Spot  0.443  0.402
928109800615  MASTERColor CDM-R Elite 70W/930 E26 PAR30L 40D  40 °  Flood  0.443  0.402

## Light Technical (2/2)

## Order Code  Full Product Name  Color Rendering Index (Min)  Color Rendering Index (Nom)  Luminous Efficacy (rated)  Design Mean Lumens  Luminous Intensity (Nom)
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928050100615  MASTERColor CDM-R Elite 35W/930 E26 PAR20 30D  88  91  61 lm/W  2040 lm  5800 cd
928050200630  MASTERColor CDM-R Elite 35W/930 E27 PAR20 10D  88  91  60 lm/W  2040 lm  23000 cd
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928108100630  MASTERColour CDM-R Elite 35W/930 E27 PAR30L 10D  88  91  69 lm/W  2000 lm  49000 cd
928108200630  MASTERColour CDM-R Elite 35W/930 E27 PAR30L 30D  88  91  69 lm/W  2000 lm  8000 cd
928109300630  MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D  89  92  70 lm/W  3800 lm  38000 cd
928109400630  MASTERColour CDM-R Elite 70W/930 E27 PAR30L 30D  89  92  70 lm/W  3800 lm  14000 cd

Product family leaflet, 2020, June 30  6  data subject to change
MasterColor CDM-R Elite

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**Mechanical and Housing**

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<td>MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D</td>
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</tbody>
</table>

**Color Rendering Diagrams**

![Color Rendering Diagram](LDCR_CDM-R-E_35W_930_PAR30L-Colour.png)

![Color Rendering Diagram](LDCR_CDM-R-E_70W_930_PAR30L-Colour.png)

Product family leaflet, 2020, June 30

Data subject to change
Accent Diagrams

MasterColor CDM-R Elite

LDAC_CDM-R-E_0016-Accent diagram
LDAC_CDM-R-E_0002-Accent diagram
LDAC_CDM-R-E_0001-Accent diagram