

## RichColour True Colour Reproduction

MEGAMAN® RichColour is a new range of LED lamps designed to maximise the richness and quality of colours. With high colour rendering of up to Ra95, MEGAMAN® RichColour is the perfect LED replacement for halogen lamps in applications where the faithful colour reproduction associated with natural light is crucial. These places include retail stores, art galleries and museums.

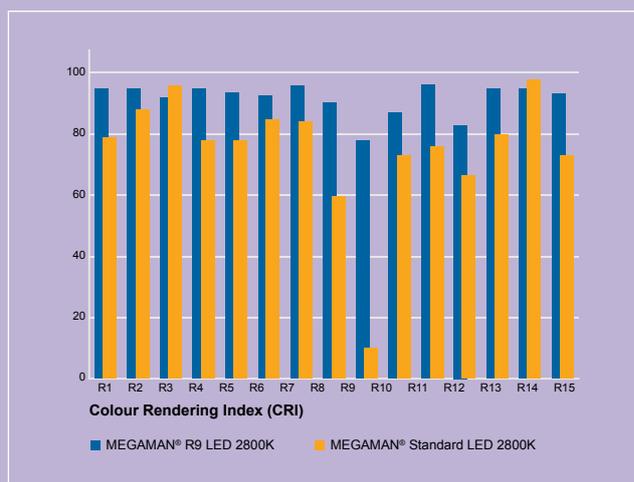
Taking colour enhancement yet a step further, MEGAMAN® RichColour+ combines all the benefits of standard RichColour technology with enhanced red colour rendition (R9) of  $\geq 75$  - maximising the visual impact of meat, fresh fruit and vegetables. The well-balanced and high quality light of RichColour+ lamps makes them the perfect choice for food and other display lighting applications where the visual appeal of items is essential.

**RichColour+**

High colour rendition of Ra  $\geq 95$   
+  
High red colour rendition (R9) value of  $\geq 75$

**RichColour**

High colour rendition of Ra  $\geq 90$



When we determine the general colour rendering index, the first eight colours in the Test Colour Sample (TCS; see Figure 1) defined in accordance with DIN 6169 are employed for the calculation. In addition to these eight colours (R1 to R8), there are another six colours (R9 to R14) that are more vivid and known as "saturated" colours.

The MEGAMAN® RichColour+ lamp not only has high colour rendering index of  $\geq 95$  and a high red colour rendition (R9) value of  $\geq 75$ , but it also has a high value of the other "saturated" colours (R10 to R14), which allows the beautiful red of an object to be revealed and creates well-balanced and high-quality lighting.

# RichColour+



## PAR16 / Professional Series



Hybrid Reflector

U-DIM™

RichColour +

Ra95



2800K | Ra95



4000K | Ra95



220-240V



25000 hrs



50mm



GU10



value ≥75

Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label
LR5907dR9HR-75H24D <b>NEW</b>	7	2650	24	580	420	57	100-5%	A+
LR5907dR9HR-75H35D <b>NEW</b>	7	1650	35	580	420	57	100-5%	A+

Please refer to the website [www.megaman.cc](http://www.megaman.cc) for the latest photometric and lux diagrams.



## MR16 / Smart Series



Dimmable

RichColour +

Ra95



2800K | Ra95



4000K | Ra95



AC12V



25000 hrs



50mm



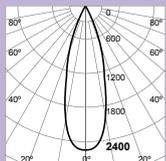
GU5.3



value ≥75

Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label	Product photo
ER3308dR9LN-FL <b>NEW</b>	8	2400	24	500	420	49	100-10%	A	1
ER3308dR9DG-WFL <b>NEW</b>	8	1450	36	500	420	49	100-10%	A	2

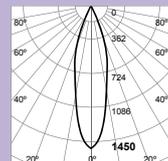
ER3308dR9LN-FL



m	Lux	Ø cm
0.5	9600	21
1	2400	43
1.5	1067	64
2	600	85

Beam angle = 24°

ER3308dR9DG-WFL



m	Lux	Ø cm
0.5	5800	32
1	1450	63
1.5	644	95
2	363	126

Beam angle = 35°

For further information on U-DIM™ technology, please refer to page 12. Please refer to the website [www.megaman.cc/user-guide](http://www.megaman.cc/user-guide) for the compatible dimmer and halogen transformer lists. Preliminary data

## RichColour



### CLASSIC / Smart Series



Dimmable

RichColour

Ra92



Lamp Type	Equivalent Incandescent Lamp Wattage (W)	Model No.	NEW	Wattage (W)	Total Luminous Flux (lm)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
A60	40	LG7207dR9	NEW	7	470	60	112	100-10%	A+	1
A60	60	LG7310.5dR9	NEW	10.5	810	60	117	100-10%	A+	2
A65	75	LG7813dR9	NEW	13	1055	65	125	100-10%	A+	3



### CANDLE / Smart Series

RichColour

Ra92



Lamp Type	Equivalent Incandescent Lamp Wattage (W)	Model No.	NEW	Lamp Base	Wattage (W)	Total Luminous Flux (lm)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
Candle	25	LC0403.5R9v2	NEW	E14	3.5	250	35	100	No	A+	1
Candle	40	LC0405.5R9	NEW	E14	5.5	470	35	100	No	A+	1
P45	25	LG2603.5R9v2	NEW	E14	3.5	250	45	84	No	A+	2
P45	40	LG2605.5R9	NEW	E14	5.5	470	45	84	No	A+	2
A60	40	LG7105.5R9	NEW	E27	5.5	470	60	109	No	A+	3
A60	60	LG7310R9	NEW	E27	10	810	60	117	No	A+	4
A65	75	LG7812R9	NEW	E27	12	1055	65	125	No	A+	5

E27 lamp base is available for Candle with 470lm and Classic P45.  
Please refer to the website [www.megaman.cc/user-guide](http://www.megaman.cc/user-guide) for the compatible dimmer list.  
Preliminary data

LED reflector  
LED  
READ  
cheese  
Mmm!  
LED  
MR

