

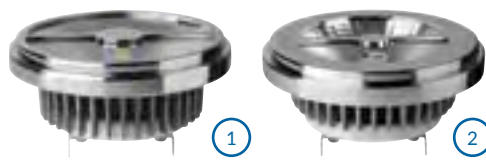
LED AR111

MEGAMAN® offers a comprehensive Professional series of LED AR111 reflectors for 50W, 75W and 100W halogen AR111 replacement. MEGAMAN® LED AR111 comes with the patented Thermal Conductive Highway™ (TCH) technology and reflector design which has a similar appearance to the halogen AR111 but with a far higher efficiency with up to 84% power-saved. MEGAMAN® also offers different LED AR111 solutions that can be driven by a halogen transformer for direct retrofit, an LED converter for perfect dimming performance, and worked in line voltage for easy maintenance.

and brightening the white colour. Incorporating Dim to Warm technology, the MEGAMAN® LED AR111 is capable of dimming from 100% down to 1%, the colour temperature changes from 2800K to 1800K – perfectly simulating the characteristics of halogen lamps for creating the ideal mood and setting just the right ambience.

Linear dimming capability is a standard feature of the MEGAMAN® LED AR111. MEGAMAN® also offers LED AR111 with the brand new Perfect White technology, which excites fluorescent whitening agents, intensifying

100W Alternatives



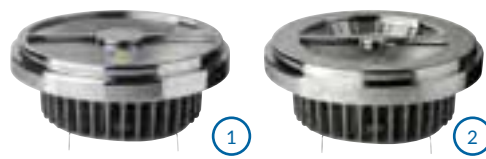
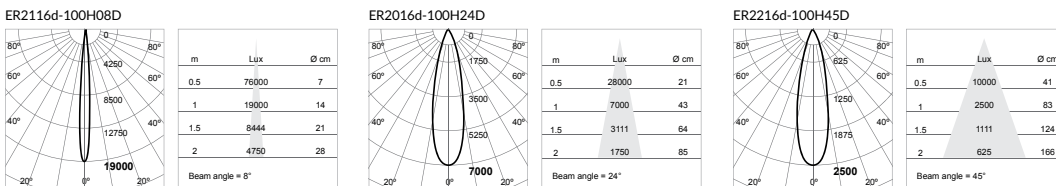
AR111 / Driven by halogen transformer

TCH Dimmable



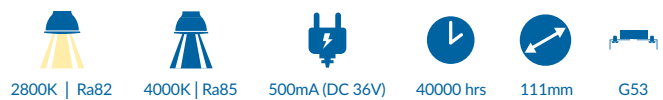
Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label	Product Photo
ER2116d-100H08D	16	19000	8	1300	1000	62	100-10%	A	1
ER2016d-100H24D	16	7000	24	1300	1000	62	100-10%	A	2
ER2216d-100H45D	16	2500	45	1300	1000	62	100-10%	A	2

Please refer to the website www.megaman.cc/user-guide for the compatible dimmer and halogen transformer lists.



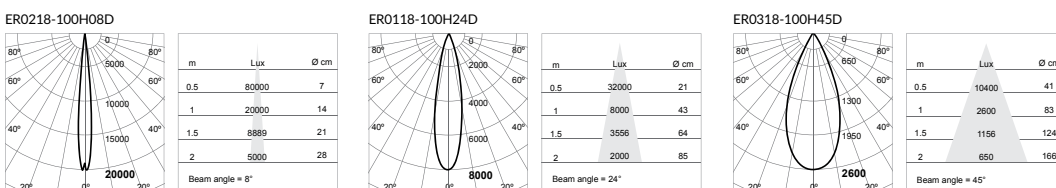
LED AR111 / Driven by LED converter

TCH Dimmable



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
ER0218-100H08D	18	20000	8	1500	1150	58	100-1%	A	1
ER0118-100H24D	18	8000	24	1500	1150	58	100-1%	A	2
ER0318-100H45D	18	2600	45	1500	1150	58	100-1%	A	2

Capable of linear dimming from 100% to 1% when connects to a DC1-10V dimming driver and a DC1-10V dimmer.





75W Alternatives



AR111 / Driven by halogen transformer

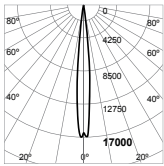
TCH Dimmable



2800K | Ra80
 4000K | Ra80
 AC 12V
 25000 hrs
 111mm
 G53

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
ER2115d-75H08D	15	17000	8	850	650	62	100-10%	A

ER2115d-75H08D



m	Lux	Ø cm
0.5	68000	7
1	17000	14
1.5	7556	21
2	4250	28

Beam angle = 8°



AR111 / Driven by halogen transformer

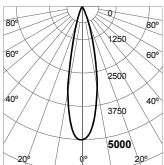
TCH Dimmable



2800K | Ra82
 4000K | Ra85
 AC 12V
 35000 hrs
 111mm
 G53

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
ER2712d-75H24D	12	5000	24	850	750	58	100-10%	A
ER2912d-75H45D	12	2000	45	850	750	58	100-10%	A

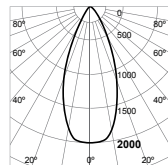
ER2712d-75H24D



m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°

ER2912d-75H45D



m	Lux	Ø cm
0.5	8000	41
1	2000	83
1.5	889	124
2	500	166

Beam angle = 45°

Please refer to the website www.megaman.cc/user-guide for the compatible dimmer and halogen transformer lists.

75W Alternatives



AR111 / In line voltage

TCH

Dimmable



2800K | Ra82



4000K | Ra85



220-240V



40000 hrs



111mm

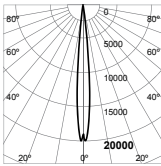


GU10

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
LR1715d-75H08D	15	20000	8	950	700	89	100-10%	A	1
LR1615d-75H24D	15	5000	24	950	800	89	100-10%	A	2
LR1815d-75H45D	15	2000	45	950	750	89	100-10%	A	2

Please refer to the website www.megaman.cc/user-guide for the compatible dimmer list.

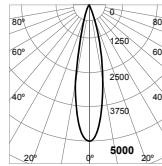
LR1715d-75H08D



m	Lux	Ø cm
0.5	80000	7
1	20000	14
1.5	8889	21
2	5000	28

Beam angle = 8°

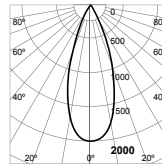
LR1615d-75H24D



m	Lux	Ø cm
0.5	12500	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°

LR1815d-75H45D



m	Lux	Ø cm
0.5	8000	41
1	2000	83
1.5	889	124
2	500	166

Beam angle = 45°



AR111 / Driven by LED converter

TCH

Dim to Warm



2800K - 1800K | Ra82



350mA (DC 36V)



40000 hrs



111mm

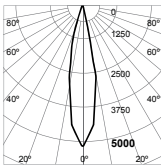


G53

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
ER3712w-75H24D	12	5000	24	850	750	58	100-1%	A
ER3912w-75H45D	12	2000	45	850	750	58	100-1%	A

Capable of linear dimming from 100% to 1% when connected to a LED constant current reduction converter with output current of 350mA and voltage DC 36V and DC1-10V dimmer. If the lamps are connected to a MEGAMAN® LED converter LD0214x1d-C350, the dimming range is 100% to 10%.

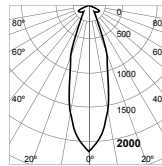
ER3712w-75H24D



m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°

ER3912w-75H45D



m	Lux	Ø cm
0.5	8000	41
1	2000	83
1.5	889	124
2	500	166

Beam angle = 45°



AR111 / Driven by halogen transformer

TCH

Dimmable

Perfect White



3000K | Ra82



AC 12V



35000 hrs



111mm

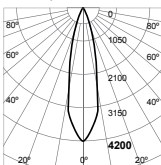


G53

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
ER2712p-75H24D	12	4200	24	700	560	58	100-10%	A
ER2912p-75H45D	12	1500	45	700	560	58	100-10%	A

Please refer to the website www.megaman.cc/user-guide for the compatible dimmer and halogen transformer lists.

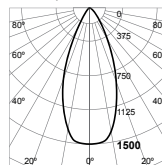
ER2712p-75H24D



m	Lux	Ø cm
0.5	16800	21
1	4200	43
1.5	1867	64
2	1050	85

Beam angle = 24°

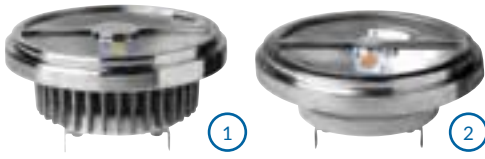
ER2912p-75H45D



m	Lux	Ø cm
0.5	6000	41
1	1500	83
1.5	667	124
2	375	166

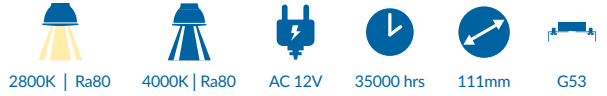
Beam angle = 45°

50W Alternatives



AR111 / Driven by halogen transformer

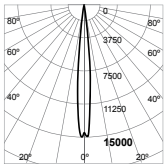
TCH Dimmable



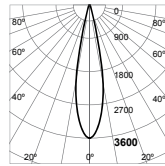
Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label	Product Photo
ER2111d-50H08D	11	15000	8	550	400	62	100-10%	A	1
ER2711d-50H24D	11	3600	24	600	500	58	100-10%	A	2
ER2911d-50H45D	11	1400	45	630	550	58	100-10%	A	2

Please refer to the website www.megaman.cc/user-guide for the compatible dimmer and halogen transformer lists.

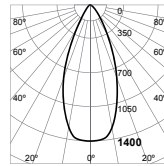
ER2111d-50H08D



ER2711d-50H24D

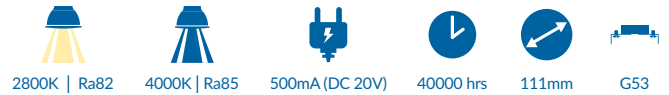


ER2911d-50H45D



AR111 / Driven by LED converter

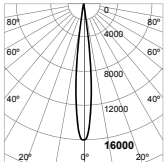
TCH Dimmable



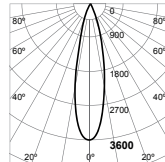
Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label	Product Photo
ER0210-50H08D	10	16000	8	550	330	58	100-1%	A	1
ER0110-50H24D	10	3600	24	600	500	58	100-1%	A	2
ER0310-50H45D	10	1400	45	630	550	58	100-1%	A	2

Capable of linear dimming from 100% to 1% when connects to a DC1-10V dimming driver and a DC1-10V dimmer. The recommend MEGAMAN® LED converter is LD0310x1v-C500.

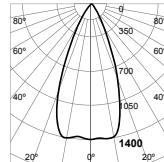
ER0210-50H08D



ER0110-50H24D

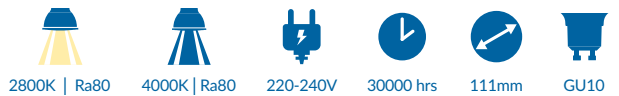


ER0310-50H45D



AR111 / In line voltage

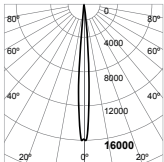
TCH Dimmable



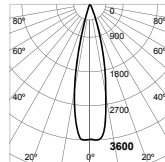
Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label	Product Photo
LR1712d-50H08D	12	16000	8	550	460	89	100-10%	A	1
LR1612d-50H24D	12	3600	24	600	500	89	100-10%	A	2
LR1812d-50H45D	12	1400	45	630	550	89	100-10%	A	2

Please refer to the website www.megaman.cc/user-guide for the compatible dimmer list.

LR1712d-50H08D



LR1612d-50H24D



LR1812d-50H45D

