

MR16 7W HO DIM. TITANIUM LED SERIES 3.0



7W REPLACES



50W Hal.

80% Energy Savings

PRO

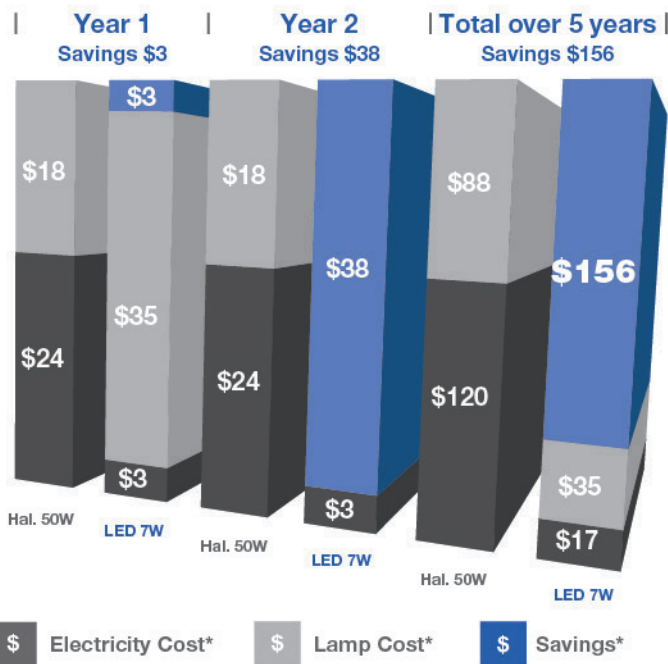


\$156 Savings per lamp*

- Industry leading efficacy 75 LPW
- Powerful 525 lumens in Warm White
- Compact size 1:1 halogen form factor
- UL certified Class 1 & 2
- Warm White / Extra Warm White (2400K) / Natural White CCT
- Narrow Flood / Flood beam angles



RETURN ON INVESTMENT



The initial investment of changing a 50W halogen MR16 lamp to a 7W LED lighting solution will take 11 months to recover from electricity cost savings.

Following the payback period, the lamp will save \$38 annually throughout the lifetime of the product. Over a 5 year period, each replaced lamp will save \$156 in lighting costs and 942kW of electricity, equivalent to 0.67 metric tons of CO₂ or the amount of carbon sequestered by 17 trees over 10 years*.

The monthly cost of waiting before changing to a GREEN CREATIVE energy efficient lighting solution is \$3.19 per lamp.

Furthermore, LED lamps are maintenance free with 30,000 hour lifetimes providing additional savings not taken into account in this model.

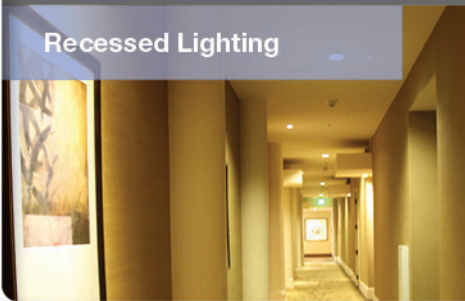
*Model assumes Price of Electricity is \$0.11 / kWh (energy costs vary depending on region), Lamp Usage is 12 hours / day (4,380 hours / year), Price of 50W halogen is \$4 with 1000 hour lifetime, 7W LED is \$35 with 30,000 hour lifetime. CO₂ emission and tree equivalence based on E.P.A (Environmental Protection Agency) website.

Lighting facts Per Bulb, **Brightness** 525, 500, 475, 550 lumens
Estimated Yearly Energy Cost \$0.84
 (Based on 3 hrs/day, 11 ¢/kWh. Cost depends on rates and use)
Life 27.4 years (Based on 3 hrs/day), **Energy Used** 7 watts
Light Appearance 3000K, 2700K, 2400K, 4000K

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APPLICATIONS

Recessed Lighting



Accent / Display Lighting

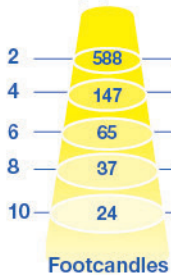


Track Lighting



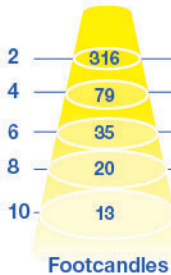
ILLUMINANCE

7MR16G3DIM/830NF25
Distance (ft) Diameter (ft)



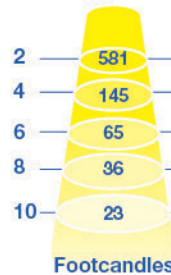
Footcandles

7MR16G3DIM/830FL36
Distance (ft) Diameter (ft)



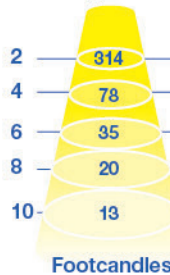
Footcandles

7MR16G3DIM/827NF25
Distance (ft) Diameter (ft)



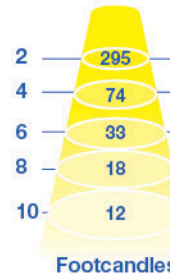
Footcandles

7MR16G3DIM/827FL36
Distance (ft) Diameter (ft)



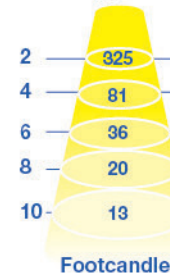
Footcandles

7MR16G3DIM/824FL36
Distance (ft) Diameter (ft)



Footcandles

7MR16G3DIM/840FL36
Distance (ft) Diameter (ft)



Footcandles

SPECIFICATIONS

Product	95337	95338	95339	95340	95349	95342
Model	7MR16G3DIM/830NF25 01-711-D/830-25D	7MR16G3DIM/830FL36 01-711-D/830-36D	7MR16G3DIM/827NF25 01-711-D/827-25D	7MR16G3DIM/827FL36 01-711-D/827-36D	7MR16G3DIM/824FL36 01-711-D/824-36D	7MR16G3DIM/840FL36 01-711-D/840-36D
Type	MR16	MR16	MR16	MR16	MR16	MR16
Base	Bi-pin GU5.3	Bi-pin GU5.3	Bi-pin GU5.3	Bi-pin GU5.3	Bi-pin GU5.3	Bi-pin GU5.3
Power (W)	7	7	7	7	7	7
Voltage - Frequency	12V 60Hz	12V 60Hz	12V 60Hz	12V 60Hz	12V 60Hz	12V 60Hz
Color Temp. (ANSI)	Warm White 3000K	Warm White 3000K	Warm White 2700K	Warm White 2700K	Extra Warm White 2400K	Natural White 4000K
CRI (Ra) (typ.)	80	80	80	80	80	80
Typical lumens (lm)	525	525	500	500	475	550
Efficacy (LPW)	75	75	71	71	68	79
Beam Angle	NF 25°	FL 36°	NF 25°	FL 36°	FL 36°	FL 36°
CBCP (cd)	2350	1265	2325	1255	1180	1300
Dimmable	Yes**	Yes**	Yes**	Yes**	Yes**	Yes**
Power Factor	0.9	0.9	0.9	0.9	0.9	0.9
Rated Lifetime - L70 (hrs.)	30,000	30,000	30,000	30,000	30,000	30,000
Dia. x MOL	1.97"x1.87" (50x48mm)	1.97"x1.87" (50x48mm)	1.97"x1.87" (50x48mm)	1.97"x1.87" (50x48mm)	1.97"x1.87" (50x48mm)	1.97"x1.87" (50x48mm)
Weight (lb. / g)	0.12 lb. / 55g	0.12 lb. / 55g	0.12 lb. / 55g	0.12 lb. / 55g	0.12 lb. / 55g	0.12 lb. / 55g

**List of tested dimmer switches available on website

***Not intended for use in totally enclosed fixtures

****Suitable for damp locations. Not for use where directly exposed to weather or water