

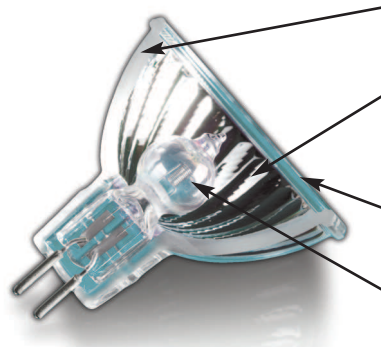


2X HALOGEN

Precision Plus™ lamps utilize industry-leading technologies and advanced materials. The heart of the lamp is comprised of an IR-coated capsule that directs wasted heat back onto an axially aligned filament, thereby reclaiming energy to create more light. This energy recycling process allows Precision Plus lamps to be designed to consume less watts and/or produce more light.

The IR-coated capsule is surrounded by a high-precision, dichroic coated reflector, providing superior optical performance and consistent beam control while reducing forward IR and UV. Precision Plus lamps are made from the world's highest-quality components using unique, state-of-the-art equipment and patented manufacturing processes.

- **Energy Savings** Provides more than 25% energy savings with no sacrifice in light quality.
- **Long Life** 6,000 hour average lamp life, two to three times the life of standard halogen MR16 lamps. Lowers total cost of ownership by reducing lamp replacements and associated maintenance costs.
- **More Light** Typically delivers more lumens than standard halogen.
- **Direct Replacement** Easily replaces energy inefficient MR16 lamps. Operates on typical 12V transformers.
- **UV and Heat Control** Allows IR (heat) to pass through the back of the reflector, away from the target. Blocks harmful UV, thereby protecting sensitive objects such as artwork and colorful fabrics.
- **Bright, Crisp Light** A warm color temperature (3,000K) throughout lamp life delivers 100 CRI with no sacrifice in light intensity.
- **Dimmable** Works with existing 12V lighting controls and timers.



Precision German pressware

- Uniform light output and precise optical control

Hard, dichroic coating

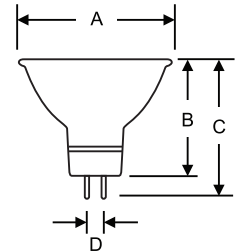
- High reflectance in visible, reduces forward UV and IR
- No degradation over the life of the lamp

UV-Blocking front cover lens

- Eliminates the majority of UV-B and UV-C

IR coated 12V capsule

- Industry leading IR coating technology
- Recycles wasted heat energy back onto the filament



A = 50.7mm
B = 38.0 mm
C = 46.0 mm
D = 5.3 mm

37W Savings with Precision Plus MR16 over 4,000 hours

	REPLACE 50W Halogen	WITH 37W Precision+	Savings
Energy Cost ¹	\$24.00	\$17.76	\$6.24
Labor Cost ²	\$2.80	N/A	\$2.80
Replacement Lamp Cost ³	\$2.80	N/A	\$2.80
Total Savings			\$11.84

50W Savings with Precision Plus MR16 over 4,000 hours

	REPLACE 70W Halogen	WITH 50W Precision+	Savings
Energy Cost ¹	\$33.60	\$24.00	\$9.60
Labor Cost ²	\$2.80	N/A	\$2.80
Replacement Lamp Cost ³	\$2.80	N/A	\$2.80
Total Savings			\$15.20

(1) Energy cost based on \$0.12 / kWh

(2) Labor cost based on \$1.40 labor per re-lamp and 6,000 hour life (Precision Plus) vs. 2,000 hour life (standard halogen)

(3) Replacement lamp cost based on \$1.40 lamp cost and 6,000 hour life (Precision Plus) vs. 2,000 hour life (standard halogen)

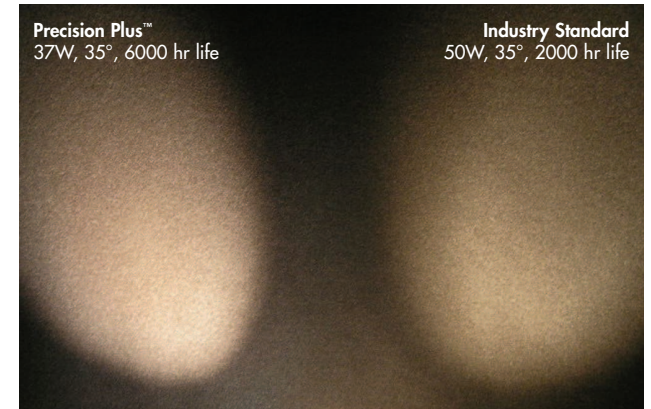




Ordering Information and Specifications

Order Code	Product Description	Watts	Volts	Beam Angle	Max CBCP	Average Life (hrs)	Color Temp.	MOL (mm)	Dia. (mm)	Base Type	Case Qty	Replaces Standard
28945	37MR16/IR/SP9	37	12	9	13,000	6,000	3,000	46.0	50.7	GU5.3	20	50W
35664	37MR16/IR/NFL25	37	12	25	4,400	6,000	3,000	46.0	50.7	GU5.3	20	50W
55982	37MR16/IR/FL35	37	12	35	2,200	6,000	3,000	46.0	50.7	GU5.3	20	50W
76371	37MR16/IR/WFL60	37	12	60	1,100	6,000	3,000	46.0	50.7	GU5.3	20	50W
28955	50MR16/IR/SP9	50	12	9	15,000	6,000	3,000	46.0	50.7	GU5.3	20	70-75W
35674	50MR16/IR/NFL25	50	12	25	5,300	6,000	3,000	46.0	50.7	GU5.3	20	70-75W
55992	50MR16/IR/FL35	50	12	35	2,800	6,000	3,000	46.0	50.7	GU5.3	20	70-75W
76381	50MR16/IR/WFL60	50	12	60	1,400	6,000	3,000	46.0	50.7	GU5.3	20	70-75W

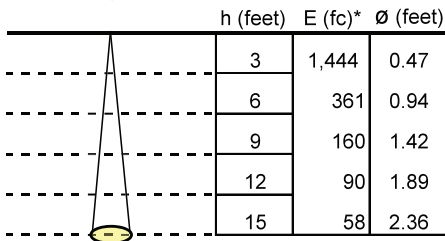
More Light



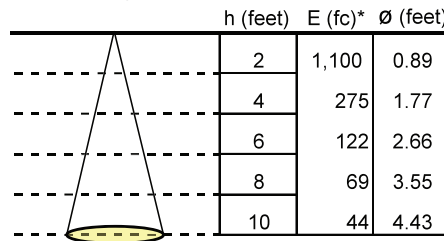
Precision Plus™ lamps provide up to 50% more light while consuming less energy and providing longer life.

Footcandle Specifications

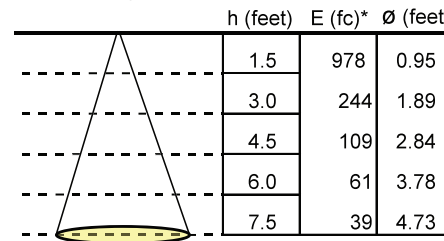
37W MR16/IR/SP9
37W 9-degree



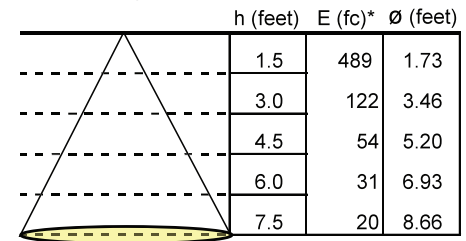
37W MR16/IR/NFL25
37W 25-degree



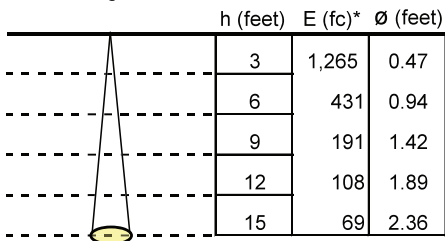
37W MR16/IR/FL35
37W 35-degree



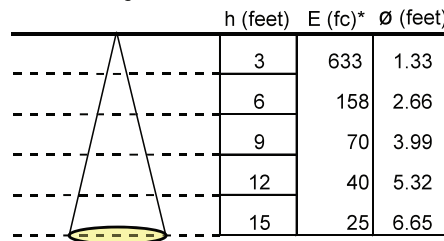
37W MR16/IR/WFL60
37W 60-degree



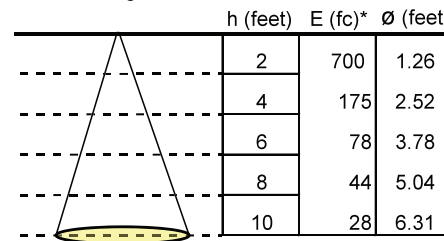
50W MR16/IR/SP9
50W 9-degree



50W MR16/IR/NFL25
50W 25-degree



50W MR16/IR/FL35
50W 35-degree



50W MR16/IR/WFL60
50W 60-degree

