



Birth of Miron MR16

8 Degree MR16 (Design application No. 1800131.7), Say Hi to you!!

2017 October, the year of the birth of Miron. We are a lighting technology creative company located in China, Hong Kong, SAR.

Our team key partners are coming from various famous lighting companies and they have lots of lighting industry experiences, more than 25 years. All of us has a vision to build and create a perfect lamp which fit the need from the lighting industry.

In order to have a perfect MR16 lamp, the lamp itself must be IEC perfect size, with high rendering index, simple fit by using the most common market lamp base, easy fit, retrofit by most common 12-Voltage driver, the possible of smooth dimmable (by Triac), easy purchase and of course, the lamp must deliver the exact technical data, such as Lumen, Wattage, Constant Colour temperature, Accurate Beam angles (proven by IES data)

From technical point of views, in terms of total luminous power, such lamps range from being significantly less powerful than their halogen counterparts, to being comparable to the lower power halogen MR16s. The brightest available halogen MR16s are still slightly brighter than the brightest available LED versions. However, LEDs picking up very fast than expectations.

MIRON

T: (852) 3596 6860

F: (852) 3709 6573

A: Rm 912, Block B,
Po Lung Center,
11 Wang Chiu Road,
Kowloon Bay, Kln, H.K.

香港九龍灣宏照道11號
寶隆中心B座912室



Choices of Lens and types of LED

Great exercises on picking up the relations between shadows, photometric generatrixes. We like to eliminate the hard shadows and multi-shadows by chips, as below pictures. We need to fulfill the best light effects and the customers' needs.



(Shape shadow effect)



(Multi-shadows)

MIRON

T: (852) 3596 6860

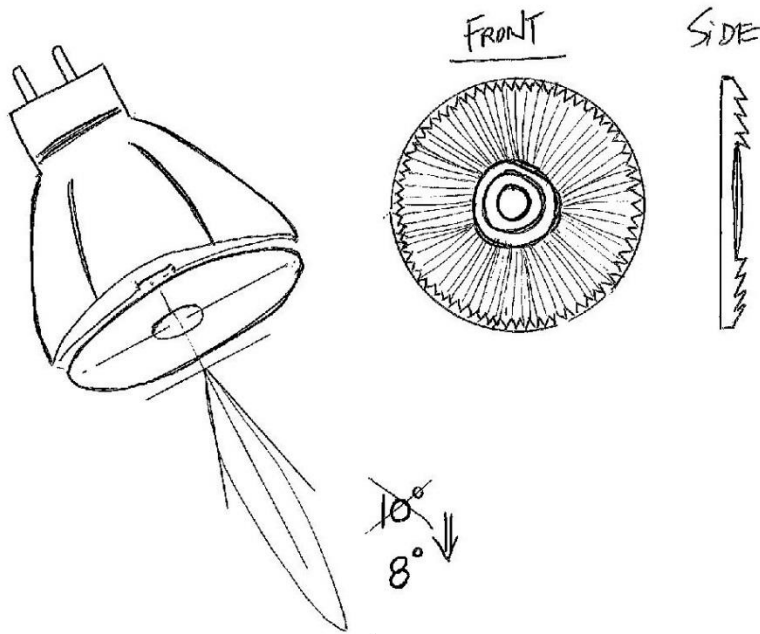
F: (852) 3709 6573

A: Rm 912, Block B,
Po Lung Center,
11 Wang Chiu Road,
Kowloon Bay, Kln, H.K.

香港九龍灣宏照道11號
寶隆中心B座912室



Great and complete Beam of angles, which is key headache for the professional lighting designers. The market is eager to have a truth and commit products although there are choices but all are not correct and accurate.



MIRON

T: (852) 3596 6860
F: (852) 3709 6573

A: Rm 912, Block B,
Po Lung Center,
11 Wang Chiu Road,
Kowloon Bay, Kln, H.K.

香港九龍灣宏照道11號
寶隆中心B座912室



Tradition MR lamps are also often labeled (**American National Standards Institute (ANSI)**) according to beam spread abbreviations. Note that while these abbreviations are commonly used, the angles associated with these abbreviations vary slightly from manufacturer to manufacturer. Typical beam angles for these beam spread abbreviations are as follows:

	Name	Beam angle
Narrow spot	NS	5-15°
Spot	S	16-22°
Narrow flood	NF	23-32°
Flood	FL	33-45°
Wide Flood	WF	46-74°
Very wide flood	VW	≥75°

T: (852) 3596 6860
F: (852) 3709 6573

A: Rm 912, Block B,
Po Lung Center,
11 Wang Chiu Road,
Kowloon Bay, Kln, H.K.

香港九龍灣宏照道11號
寶隆中心B座912室



MIRON

Initially, we already have a nice MR16 lamp carried with 24Degree (Narrow flood), 36 Degree (Flood) and 60 Degree (Wide Flood). In order to fit more professional market, we decide to build accurate 8 Degree Narrow Spot. It is a tough and hard to develop, we appoint professional advisers and stakeholders to carry this important task. After couples' improvement, tooling & technical modifications, on January 5 2018, our baby 8 Degree lens MR16 was born & design registered (Design application No. 1800131.7) . Couple of lighting performance tests, will carry repeat immediately to ensure the lighting performances and make sure to get the appropriate International Standards and market needs.

8 Degree is a cited. Miron MR16 have the most effective lighting techniques that we want the one who can use them, as it happens, they are the simplest, reasonable prices and most reliable. Finally we complete the full ranges of MR16 LED from Extra Narrow beam, to Wide Beam angles. The user can pick the right angles and conclude their designs with the simple and best methods.

The last but not the least, Miron will keep to develop market need products with the right technical knowhow and conform right prices.

References:

["Direct LED Replacement Launched"](#). Sylvania press release. Retrieved 28 February 2012.

<http://www.lamptech.co.uk/Spec%20Sheets/TH%20RM%20Q150MR16-21%20EJM%20GE.htm>

[Incidents Archived](#) 2015-06-04 at the [Wayback Machine](#). – Cheshire Fire and Rescue Service

[Downlighters and fire safety](#) – Electrical Safety Council

["Replace Inefficient MR16 Halogen Lamps with LEDs"](#). Maxim. September 25, 2007.

["Lighting Answers - MR16 Lamps"](#). Lighting Research Center. NLP. Archived from [the original](#) on 2006-08-30. Retrieved 2014-05-06.

[BB0502: Air Leakage in Recessed Lights](#)

T: (852) 3596 6860

F: (852) 3709 6573

A: Rm 912, Block B,
Po Lung Center,
11 Wang Chiu Road,
Kowloon Bay, Kln, H.K.

香港九龍灣宏照道11號
寶隆中心B座912室