

# VORTEX VORTEX 800



VORTEX and VORTEX 800 MR16 LED fixture with single LED light source, give light performance as similar halogen effect as of a traditional 35W / 50W MR16 halogen fixture respectively. Its 60-degree tiltable head allows better aiming position.

## Applications

Shops, showcases, lobbies, accent lighting

## Features

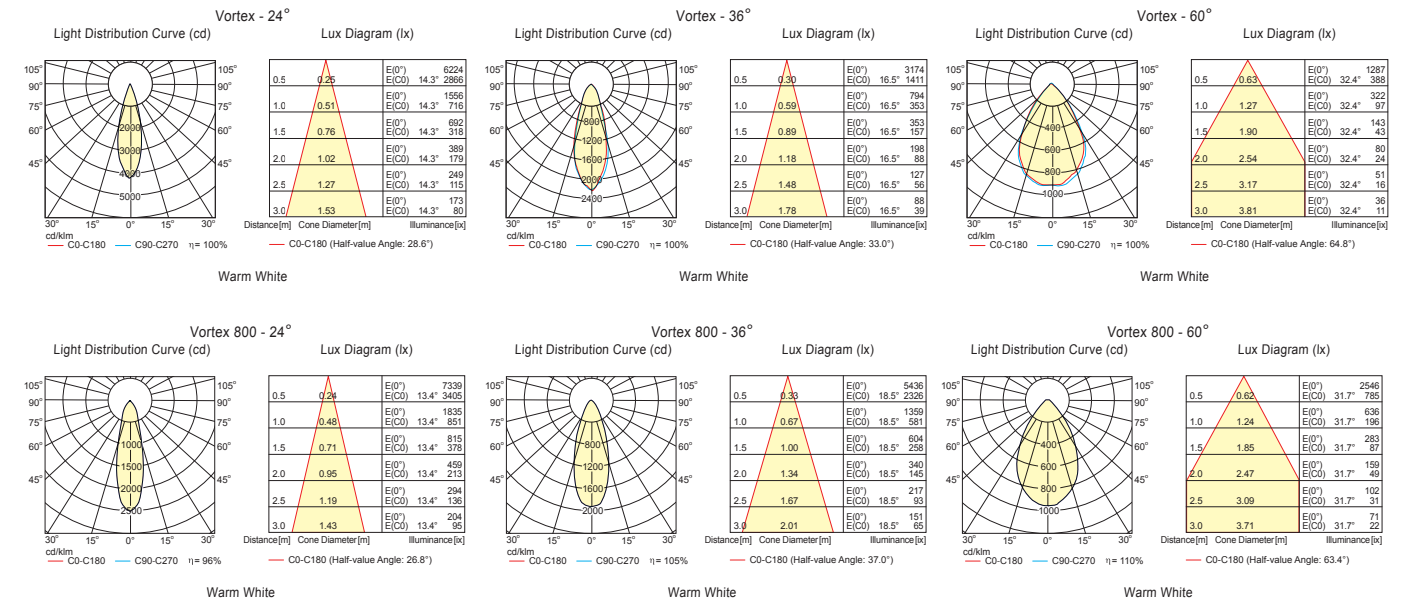
1. Dimmable
2. High power efficacy
3. Long life span
4. High intensity
5. Cool beam technology
6. Mercury and lead are not present
7. Almost zero UV and IR emissions
8. Universal burning positions
9. 60 degree tiltable head

## Benefits

1. Dim with a normal TRIAC dimmer to easily create suitable ambience
2. Up to 77% energy savings, providing a shorter payback period\*
3. Up to 17 times longer life span, reducing maintenance costs\*
4. Excellent thermal management that enhance reliability, up to 65% less heat generated\*
5. Ready to replace existing halogen fixtures in the market
6. Allow better aiming position
7. Light up instantly

\*Compared with 35W / 50W halogen MR16 fixture.

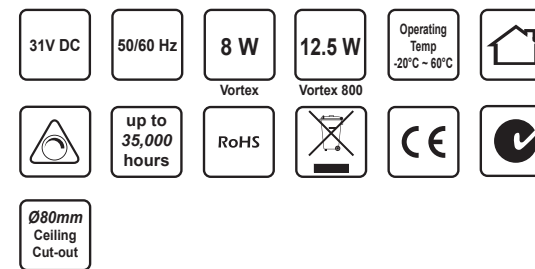
## Photometric Diagram



## Specifications

Product Name	Vortex MR16 LED Fixture			Vortex 800 MR16 LED Fixture		
Part No.	2024050705	2024050805	2024050905	2025050105	2025050205	2025050305
Color	Warm White					
Color Temp (CCT)	2800 K					
Color Rendering Index (CRI)	80 Ra					
Input Voltage	31V DC@Max.*					
Rated Current	600 – 700 mA Constant			350 mA		
Rated Frequency	50/60 Hz					
Lumen Output	400 lm			750 lm		
Total Power	8W			12.5W		
Lumen Efficacy	50 lm/W			60 lm/W		
Central Intensity	1500 cd	800 cd	325 cd	1850 cd	1450 cd	700 cd
Beam Angle	24°	36°	60°	24°	36°	60°
Vertical Tilt Angle	±30° (Total 60°)					
Life Span	35,000 hrs					
Operating Temperature	-20°C ~ +60°C					
Storage Temperature	-30°C ~ +65°C					
Application	Indoor					
IP Rating	IP20					
Dimmable	Yes					
RoHS	Yes					
Material	Aluminum					
Housing Color	White					
Optics	PMMA					

\*Refer to page 46 & 47 - LED Driver for VORTEX & VORTEX 800



## Dimension

