ML0-600-T-1-RDM

Specifications (Preliminary)

Dimensions	6" overall diameter with *Parallel View™* illuminated dome for recess mounting; 0.5" overall height
Enclosure	Water-proof NEMA 4 rating
LED source	Single color warm white flexible LED strip attached along the entire inner perimeter inside the housing. 15 discrete LED's - standard. 30 discrete LED's – optional.
Power interface	12VDC, 0.2A, 12VDC *Plug-n-Power™* distribution compatible cable
Environment	-10 to 50℃
Mounting	Light-weight construction. The base configured with hidden magnets for snap-to mounting to a metal bracket. Four mounting holes are optional. Recess mounting: ceilings, walls, furniture, appliances. Installation time – 20 minutes, max.
Longevity	50,000 hours of continuous use
Warranty	One year
Application	General lighting, super low cost (simple mounting), high efficiency, snap-in installation

NOTE: The overall diameter of the MLX-600 series is 6". Other models with different diameter and/or shape are described in the Patent-pending application, and can be developed as needed.

Remote Control
X=C, RGB color model

ML5-600-X-1-RDM

Specifications (Preliminary)

Dimensions	6" overall diameter with *Parallel View*™ illuminated dome for recess mounting; 1.5" overall height.
Enclosure	Water-proof NEMA 4 rating
LED source	X=C RGB color X=T Warm white color X=W Cool white color Flexible LED strip attached along the entire inner perimeter inside the housing. 15 discrete LED's - standard. 30 discrete LED's – optional.
Power interface	12VDC, 0.4A, 12VDC *Plug-n-Power*™ distribution compatible cable
Environment	-10 to 50℃
Mounting	Light-weight construction. The base is configured with hidden magnets for snap-to mounting to a metal bracket. Four mounting holes are optional. Recess mounting: ceilings, walls, furniture, appliances. Installation time – 30 minutes, max.
Controls	Operator remote 24 functions IR controller (controller included). Wireless interface for remote controls by computer, mobile device. Real-time self-diagnostics, with visual indications of status. Real-time monitoring of ambient environment, and reporting to host controller, LAN, INTERNET.
Longevity	50,000 hours of continuous use
Warranty	Three years
Application	General lighting with built-in diagnostics, intelligence, with remote controls for added safety, security