Manuals+ — User Manuals Simplified.

ML-APEXS-M-WH
M-Elec 12 Watt
APEX LED Single
Spot Light

ML-APEXS-M-WH M-Elec 12 Watt APEX LED Single Spot Light Owner's Manual

Contents

ML-APEXS-M-WH M-Elec 12 Watt APEX LED Single Spot Light

Specifications

Model	Total Power	Max Lumen Output	Colour Temperature	CRI	Efficacy	IP Rating	Dimmable	Beam Angle	Power Supply	Average Life	Insulation	Warranty	Size	Kit Includes
APEX 12W Single-Head White	12W	40,000 H BEAM	–	–	–	IP 54	Yes/No (check model)	–	–	–	–	Warranty included	–	–

Product Usage Instructions

APEX 12W Single-Head White Usage Instructions

The APEX 12W Single-Head White spotlight is designed for easy installation and provides bright lighting. Follow these steps for optimal use:

1. Identify the suitable location for mounting the spotlight.
2. Ensure the power supply is turned off before installing.
3. Mount the spotlight securely using appropriate screws or fixtures.
4. If applicable, connect the dimmable feature according to the user manual.
5. Turn on the power supply and adjust the beam angle as needed.
6. Your spotlight is now ready for use. Enjoy the bright illumination!

Frequently Asked Questions (FAQ)
Q: Are these spotlights suitable for outdoor use?
A: Yes, all spotlights come with an IP54 rating, making them suitable for outdoor use as they are dust and water-resistant.

Spotlights
Designed by electricians, the new APEX range of spotlights has been built from the ground up with your feedback. You told us what you wanted and we have supplied! This range features base conduit entry, manual override (for sensor version), screwless adjustments for the spots, one screw fit off and a sensor out terminal to allow multiple lights to activate from one sensor.
A special thanks to every M-World member for their feedback, which helped to build the best sensor light on the market for electricians.
Data subject to change, please visit our website for the latest updates.

Spotlights

APEX
12W Single-Head White

- Total Power 12W*
- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)
- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
- CRI 80+
- Efficacy Up to 85lm/W
- IP Rating IP54
- Dimmable No
- Beam Angle 90°
- Power Supply 220-240V 50/60Hz Built-in Driver
- Average Life 40,000 hrs**
- Insulation Double Insulated
- Connection   PA16 terminal block
- Warranty 5 years
- Size Base: Ø 120mm x H 165mm
- Kit Includes 1 x Single-head spotlight with sensor

APEX
12W Single-Head Black

- Total Power 12W*
- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)
- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
- CRI 80+
- Efficacy Up to 85lm/W
- IP Rating IP54
- Dimmable No
- Beam Angle 90°
- Power Supply 220-240V 50/60Hz Built-in Driver
- Average Life 40,000 hrs**
- Insulation Double Insulated
- Connection   PA16 terminal block
- Warranty 5 years
- Size Base: Ø 120mm x H 165mm
- Kit Includes 1 x Single-head spotlight with sensor

APEX 12W Single-Head with Sensor White
ML-APEXSSN-M-BL
ML-APEXSSN-M-WH

- Total Power 12W*
- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)
- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
- CRI 80+
- Efficacy Up to 85lm/W
- IP Rating IP54
- Dimmable No
- Beam Angle 90°
- Power Supply 220-240V 50/60Hz Built-in Driver
- Average Life 40,000 hrs**
- Insulation Double Insulated
- Connection   PA16 terminal block
- Warranty 5 years
- Size Base: Ø 120mm x H 165mm
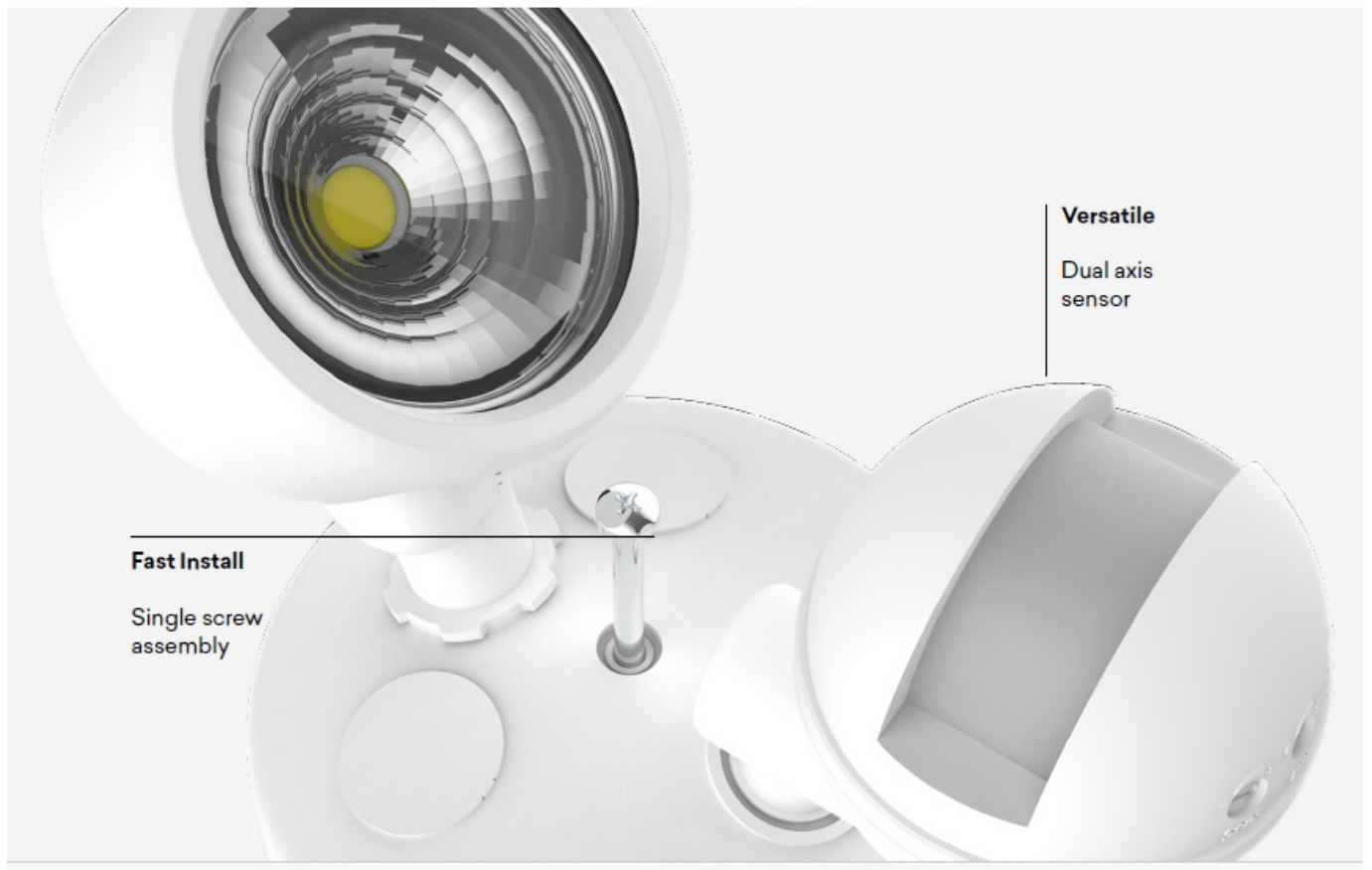- Kit Includes 1 x Single-head spotlight with sensor

APEX 12W Single-Head with Sensor Black
ML-APEXSSN-M-BL

- Total Power 12W*
- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)
- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
- CRI 80+
- Efficacy Up to 85lm/W
- IP Rating IP54
- Dimmable No
- Beam Angle 90°
- Power Supply 220-240V 50/60Hz Built-in Driver
- Average Life 40,000 hrs**
- Insulation Double Insulated
- Connection   PA16 terminal block
- Warranty 5 years
- Size Base: Ø 120mm x H 165mm
- Kit Includes 1 x Single-head spotlight with sensor

*Total power consumed including driver
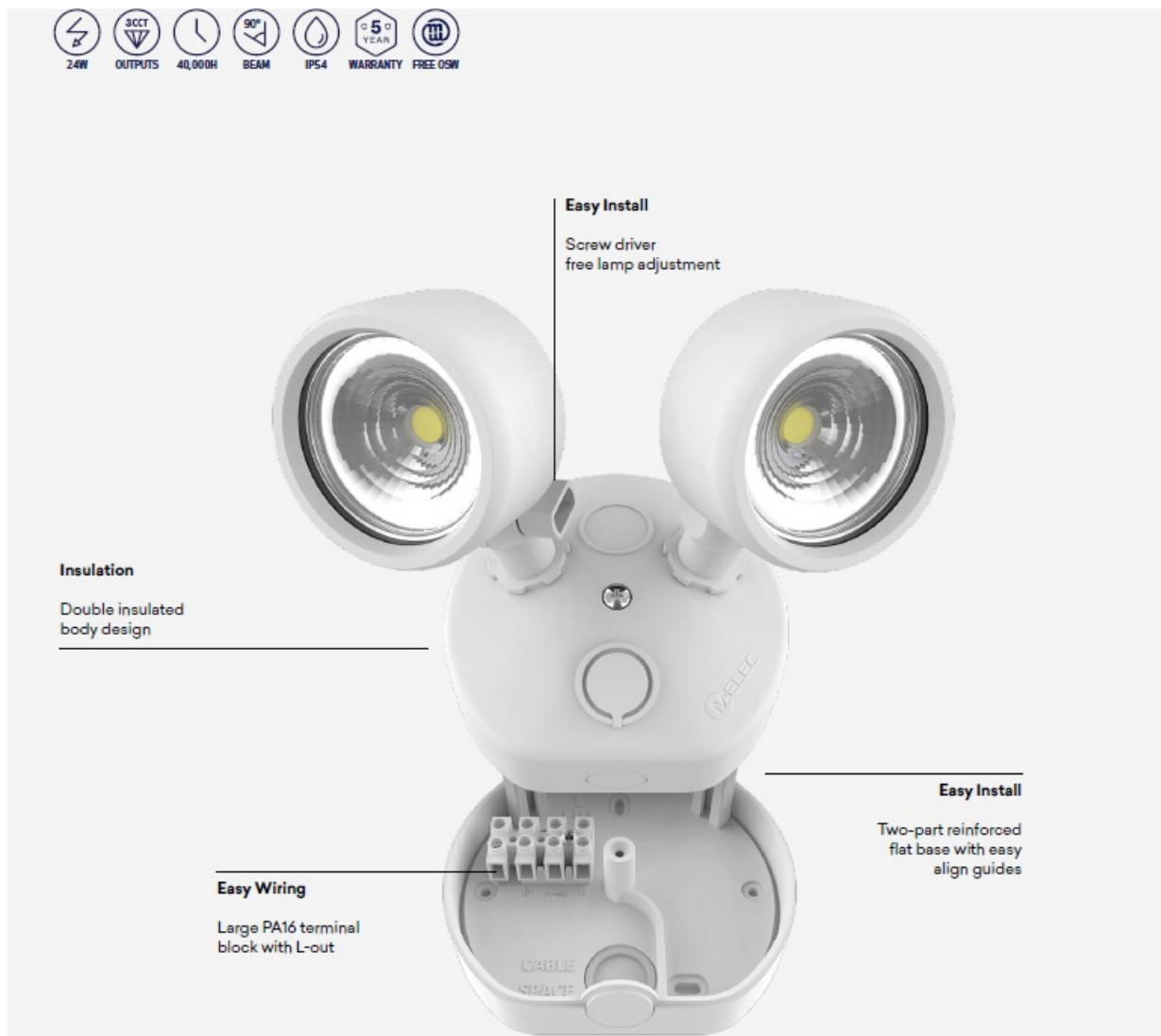**Average life is calculated on expected average lifespan

Versatile

Dual axis sensor

Fast Install

Single screw assembly

Spotlights

APEX 24W Double-Head White

ML-APEXD-M-WH

- Total Power 12W*
- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)

- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
- CRI 80+
- Efficacy Up to 85lm/W
- IP Rating IP54
- Dimmable No
- Beam Angle 90°
- Power Supply 220-240V 50/60Hz Built-in Driver
- Average Life 40,000 hrs**
- Insulation Double Insulated
- Connection   PA16 terminal block
- Warranty 5 years
- Size Base: Ø 120mm x H 165mm
- Kit Includes 1 x Single-head spotlight with sensor

APEX 24W Double-Head Black

ML-APEXD-M-BL

- Total Power 12W*

- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)

- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)

- CRI 80+

- Efficacy Up to 85lm/W

- IP Rating IP54

- Dimmable No

- Beam Angle 90°

- Power Supply 220-240V 50/60Hz Built-in Driver

- Average Life 40,000 hrs**

- Insulation Double Insulated

- Connection   PA16 terminal block

- Warranty 5 years

- Size Base: Ø 120mm x H 165mm

- Kit Includes 1 x Single-head spotlight with sensor

APEX 24W Double-Head with Sensor White
ML-APEXDSN-M-BL
ML-APEXDSN-M-WH

- Total Power 12W*

- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)

- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)

- CRI 80+

- Efficacy Up to 85lm/W

- IP Rating IP54

- Dimmable No

- Beam Angle 90°

- Power Supply 220-240V 50/60Hz Built-in Driver

- Average Life 40,000 hrs**

- Insulation Double Insulated

- Connection   PA16 terminal block

- Warranty 5 years
- Size Base: Ø 120mm x H 165mm
- Kit Includes 1 x Single-head spotlight with sensor

MR SPX – Adjustable Spotlights

16W Double-Head Long Black
ML-MRSPX-2SB

- Total Power 12W*
- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)
- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
- CRI 80+
- Efficacy Up to 85lm/W
- IP Rating IP54
- Dimmable No
- Beam Angle 90°
- Power Supply 220-240V 50/60Hz Built-in Driver
- Average Life 40,000 hrs**
- Insulation Double Insulated
- Connection   PA16 terminal block
- Warranty 5 years
- Size Base: Ø 120mm x H 165mm
- Kit Includes 1 x Single-head spotlight with sensor

| 16W | 3CCT OUTPUTS | 51,000H | 60° BEAM | 45°V-355°H | IP20 | 5 YEAR WARRANTY | FREE OSW |

MR SPX – Adjustable Spotlights 16W Double-Head Long White
ML-MRSPX-2SW

- Total Power 12W*
- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)
- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
- CRI 80+

- Efficacy Up to 85lm/W

- IP Rating IP54

- Dimmable No

- Beam Angle 90°

- Power Supply 220-240V 50/60Hz Built-in Driver

- Average Life 40,000 hrs**

- Insulation Double Insulated

- Connection   PA16 terminal block

- Warranty 5 years

- Size Base: Ø 120mm x H 165mm

- Kit Includes 1 x Single-head spotlight with sensor

16W | OUTPUTS | 51,000H | BEAM | 45°V-355° H | IP20 | WARRANTY | FREE OSW

MR SPX – Adjustable Spotlights 24W Triple-Head Long Black

ML-MRSPX-3SB

24W | OUTPUTS | 51,000H | BEAM | 45°V-355° H | IP20 | WARRANTY | FREE OSW

- Total Power 12W*

- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)

- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
- CRI 80+
- Efficacy Up to 85lm/W
- IP Rating IP54
- Dimmable No
- Beam Angle 90°
- Power Supply 220-240V 50/60Hz Built-in Driver
- Average Life 40,000 hrs**
- Insulation Double Insulated
- Connection   PA16 terminal block
- Warranty 5 years
- Size Base: Ø 120mm x H 165mm
- Kit Includes 1 x Single-head spotlight with sensor

**MR SPX – Adjustable Spotlights 24W Triple-Head Long White
ML-MRSPX-3SW**

- Total Power 12W*
- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)
- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
- CRI 80+
- Efficacy Up to 85lm/W
- IP Rating IP54
- Dimmable No
- Beam Angle 90°
- Power Supply 220-240V 50/60Hz Built-in Driver
- Average Life 40,000 hrs**
- Insulation Double Insulated
- Connection   PA16 terminal block
- Warranty 5 years
- Size Base: Ø 120mm x H 165mm
- Kit Includes 1 x Single-head spotlight with sensor

MR SPX – Adjustable Spotlights 24W Triple-Head Round Black

ML-MRSPX-3RB

- Total Power 12W*
- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)
- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
- CRI 80+
- Efficacy Up to 85lm/W
- IP Rating IP54
- Dimmable No
- Beam Angle 90°
- Power Supply 220-240V 50/60Hz Built-in Driver
- Average Life 40,000 hrs**
- Insulation Double Insulated
- Connection   PA16 terminal block
- Warranty 5 years
- Size Base: Ø 120mm x H 165mm
- Kit Includes 1 x Single-head spotlight with sensor

MR SPX – Adjustable Spotlights 24W Triple-Head Round White

ML-MRSPX-3RW

- Total Power 12W*
- Max Lumen Output 850lm (WW) | 1000lm (NW) | 950lm (W)
- Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
- CRI 80+
- Efficacy Up to 85lm/W
- IP Rating IP54
- Dimmable No
- Beam Angle 90°
- Power Supply 220-240V 50/60Hz Built-in Driver
- Average Life 40,000 hrs**
- Insulation Double Insulated
- Connection   PA16 terminal block
- Warranty 5 years
- Size Base: Ø 120mm x H 165mm
- Kit Includes 1 x Single-head spotlight with sensor

*Total power consumed including driver
**Average life is calculated on expected average lifespan

Documents / Resources

APEX ML-APEXS-M-WH M-Elec 12 Watt APEX LED Single Spot Light [pdf] Owner's Manual
ML-APEXS-M-WH, ML-APEXS-M-BL, ML-APEXSSN-M-WH, ML-APEXSSN-M-BL, ML-APEXS-M-WH M-Elec 12 Watt APEX LED Single Spot Light, ML-APEXS-M-WH, M-Elec 12 Watt APEX LED Single Spot Light, APEX LED Single Spot Light, Single Spot Light

References

- **LED Lighting - Count on Our Energy Efficient LED Lighting Solutions**
- **User Manual**