

WILMAR-OFQ

L70
25°C

187,000 Hours

Round Bulkhead Open Frame



The WILMAR Round Bulkhead is designed to replace HID lighting systems up to 250w MH or HPS. The open door frame allows for maximum light output. Typical applications include office and public buildings, condominiums, schools, shopping malls, and hospitality. Recommended mounting heights are 8 to 20 feet.

Specifications and Features:

Housing:

Die Cast Gasketed Aluminum Open Front Frame and Housing with Integral Heat Sinking and Driver Compartment. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.

Listing & Ratings:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Finish:

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:

SoftLED LumaLens UV-Stabilized Polycarbonate Opal Vandal-Resistant Lens Eliminates LED Hot Spots

Mounting Options:

Surface Mount

EasyLED LED:

Aluminum Boards

Wattage:

| | | | | |
|--|----------------|-------|-----|-------------|
| Array: 12w, | System: 12.9w; | (100w | HID | Equivalent) |
| Array: 17w, | System: 18.1w; | (100w | HID | Equivalent) |
| Array: 25w, System: 27.1w; (250w HID Equivalent) | | | | |

Driver:

Electronic Driver, 120-277V, 50/60Hz, 347V, 50/60Hz or 480-347V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with our Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

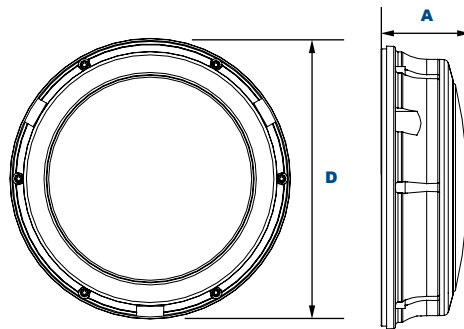
Warranty:

5-Year Warranty for -40°C to +50°C Environment.

See Page 3 for Projected Lumen Maintenance Table.

Dimensions

| | |
|--------------|--------------|
| Diameter (D) | 12½" (318mm) |
| Height (A) | 3⅝" (100mm) |



Project Information:

| | |
|---------------------|---------------|
| Project Name: | Fixture Type: |
| Complete Catalog #: | Date: |
| Comments: | |

Certification & Listings:



ORDER INFORMATION EXAMPLE
WILMAR-OFQ-F-1X12W-U-3K-L-Z-SF

| | F | | | | L | | |
|--|-------------------|--|--|--|--|--|---|
| Model | Optics | Wattage | Driver | CCT | Lens | Color | Options |
| WILMAR-OFQ =EasyLED Excel Round Bulkhead Open Frame | F =Type IV | 1X12 =12w 1X17 =17w 1X25 =25w | U =120-277V C =347V* H =347-480V♦ *17w Only ♦25w Only | 3K =3000K 4K =4000K 5K =5000K | L =SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens | Z =Bronze W =White C =Custom (Consult Factory) | SF =Single Fuse* DF =Double Fuse* SP =Surge Protector PC3 =Photocell, 120-277VAC S2 =Microwave Sensor with Dimming for Mounting Heights of 8' to 40'.* S4 =Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.* BU =Battery Backup, 90 Minutes* BUC =Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only |

Accessories & Replacement Parts:
**Replacement Parts
(Order Separately, Field Installed)**

| | |
|--------|--|
| P18103 | 120-277VAC Photocell |
| P17117 | Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz. |
| P17123 | Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz |

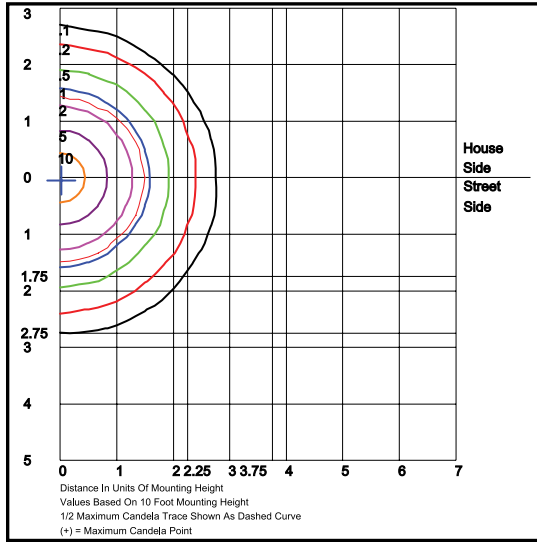
For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.


P18103

P17117

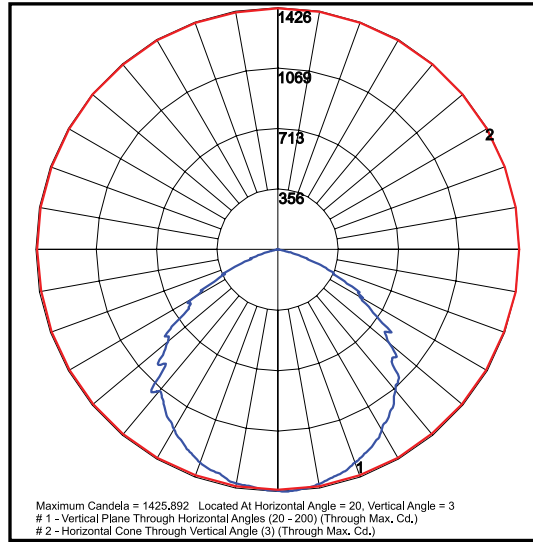
P17123

Photometric Data



WILMAR-OFQ-F-1X25-U-5K Type

IV Grid in MH
MH=10 Feet



WILMAR-OFQ-F-1X25-U-5K Type IV

Photometric Performance

| Wattage (Catalog Logic) | | 12W (1X12) | 17W (1X17) | 25W (1X25) |
|----------------------------|------------|------------------|---------------|---------------|
| Input Watts | | 12.9W | 18.1W | 27.1W |
| Optic | CCT | Delivered Lumens | | |
| F = Type V | 3000K | 1,586 | 2,220 | 3,330 |
| | 4000K | 1,720 | 2,408 | 3,613 |
| | 5000K | 1,792 | 2,509 | 3,763 |
| | BUG Rating | B1-U1-G0 | B1-U1-G0 | B2-U1-G0 |

Projected Lumen Maintenance

| Data shown for 5000 CCT | | Compare to MH | | | | |
|--------------------------------------|--------------------------------------|---------------|------------|------------|-------------|---------------------|
| TM-21-11 | Input Watts | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated LED Life |
| L70 Lumen Maintenance @ 25°C / 77°F | All wattages up to and including 27w | 1.00 | 0.96 | 0.92 | 0.84 | 187,000 |
| L70 Lumen Maintenance @ 50°C / 122°F | | 1.00 | 0.96 | 0.91 | 0.82 | 113,000 |
| L80 Lumen Maintenance @ 40°C / 104°F | | 1.00 | 0.94 | 0.89 | 0.77 | 88,000 |

NOTES:

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

WILMAR-HCQ

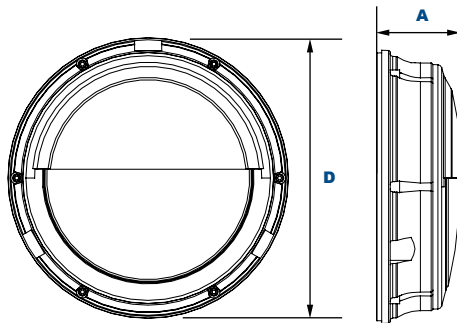
Round Bulkhead Half Cutoff

L70
25°C **187,000 Hours**



Dimensions

| | |
|---------------------|--------------|
| Diameter (D) | 12½" (318mm) |
| Height (A) | 4¾" (111mm) |



Project Information:

| | |
|---------------------|---------------|
| Project Name: | Fixture Type: |
| Complete Catalog #: | Date: |
| Comments: | |

The WILMAR Round Bulkhead is designed to replace HID lighting systems up to 250w MH or HPS. The half-cutoff frame helps protect the UV-Stabilized Polycarbonate lens and adds a decorative appearance. Typical applications include office and public buildings, condominiums, schools, shopping malls, and hospitality. Recommended mounting heights are 8 to 20 feet.

Specifications and Features:

Housing:

Die Cast Gasketed Aluminum Half Cutoff Front Frame and Housing with Integral Heat Sinking and Driver Compartment. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.

Listing & Ratings:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Finish:

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:

SoftLED LumaLens UV-Stabilized Polycarbonate Opal Vandal-Resistant Lens Eliminates LED Hot Spots

Mounting Options:

Surface Mount

EasyLED LED:

Aluminum Boards

Wattage:

| | | | | |
|-------------|----------------|-------|-----|-------------|
| Array: 12w, | System: 12.9w; | (100w | HID | Equivalent) |
| Array: 17w, | System: 18.1w; | (100w | HID | Equivalent) |
| Array: 25w, | System: 27.1w; | (250w | HID | Equivalent) |

Driver:

Electronic Driver, 120-277V, 50/60Hz, 347V, 50/60Hz or 480-347V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with our Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:

5-Year Warranty for -40°C to +50°C Environment.

See Page 3 for Projected Lumen Maintenance Table.

Certification & Listings:



Round Bulkhead Half Cutoff

ORDER INFORMATION EXAMPLE

WILMAR-HCQ-F-1X12W-U-3K-L-Z-SF

| | F | | | | L | | |
|---|-------------------|--|--|--|--|--|--|
| Model | Optics | Wattage | Driver | CCT | Lens | Color | Options |
| WILMAR-HCQ =EasyLED Excel Round Bulkhead Half Cutoff | F =Type IV | 1X12 =12w 1X17 =17w 1X25 =25w | U =120-277V C =347V* H =347-480V♦ *17w Only ♦25w Only | 3K =3000K 4K =4000K 5K =5000K | L =SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens | Z =Bronze W =White C =Custom (Consult Factory) | SF =Single Fuse* DF =Double Fuse* SP =Surge Protector PC3 =Photocell, 120-277VAC S2 =Microwave Sensor with Dimming for Mounting Heights of 8' to 40'.* S4 =Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.* BU =Battery Backup, 90 Minutes* BUC =Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only |

Accessories & Replacement Parts:

Replacement Parts (Order Separately, Field Installed)

| | |
|--------|--|
| P18103 | 120-277VAC Photocell |
| P17117 | Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz. |
| P17123 | Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz |

For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.



P18103

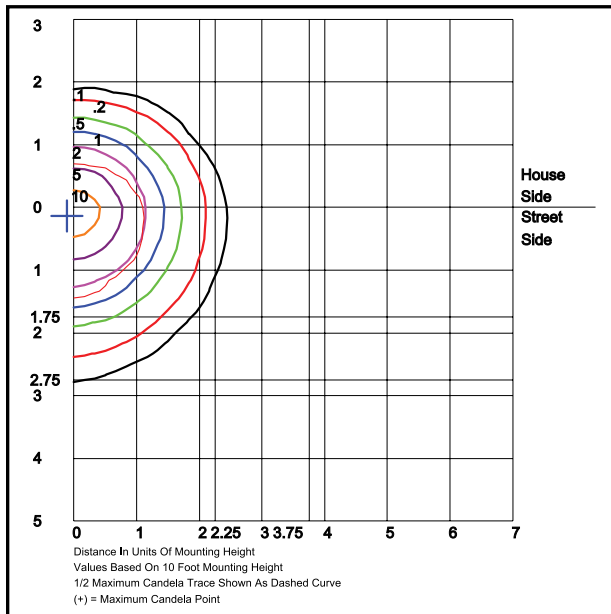


P17117

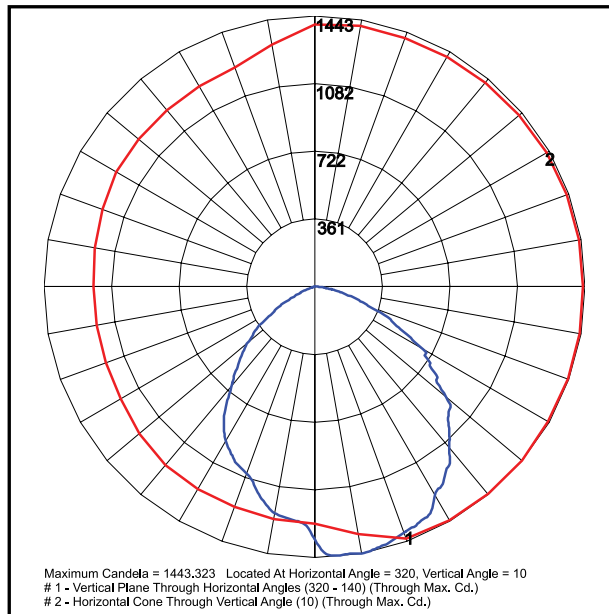


P17123

Photometric Data


WILMAR-HCQ-F-1X25-U-5K Type IV

Grid in MH
MH=10 Feet


WILMAR-HCQ-F-1X25-U-5K Type IV

Photometric Performance

| Wattage (Catalog Logic) | | 12W (1X12) | 17W (1X17) | 25W (1X25) |
|----------------------------|------------|------------------|---------------|---------------|
| Input Watts | | 12.9W | 18.1W | 27.1W |
| Optic | CCT | Delivered Lumens | | |
| F = Type V | 3000K | 1,321 | 1,850 | 2,775 |
| | 4000K | 1,433 | 2,007 | 3,010 |
| | 5000K | 1,493 | 2,090 | 3,135 |
| | BUG Rating | B1-U1-G0 | B1-U1-G1 | B1-U1-G1 |

Projected Lumen Maintenance

| Data shown for 5000 CCT | | Compare to MH | | | | |
|---|--------------------------------------|---------------|------------|------------|-------------|---------------------|
| TM-21-11 | Input Watts | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated LED Life |
| L70 Lumen Maintenance @ 25°C / 77°F | All wattages up to and including 27w | 1.00 | 0.96 | 0.92 | 0.84 | 187,000 |
| L70 Lumen Maintenance @ 50°C / 122°F | | 1.00 | 0.96 | 0.91 | 0.82 | 113,000 |
| L80 Lumen Maintenance @ 40°C / 104°F | | 1.00 | 0.94 | 0.89 | 0.77 | 88,000 |

NOTES:

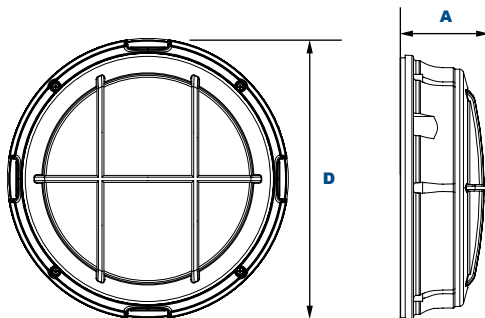
- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

WILMAR-GRQ

Round Bulkhead Grid Frame

L70
25°C

187,000 Hours



Dimensions

| | |
|--------------|--------------|
| Diameter (D) | 12½" (318mm) |
| Height (A) | 4¾" (111mm) |

Project Information:

| | |
|---------------------|---------------|
| Project Name: | Fixture Type: |
| Complete Catalog #: | Date: |
| Comments: | |

The WILMAR Round Bulkhead is designed to replace HID lighting systems up to 250w MH or HPS. The grid frame helps protect the UV-Stabilized Polycarbonate lens and adds a decorative appearance. Typical applications include office and public buildings, condominiums, schools, shopping malls, and hospitality. Recommended mounting heights are 8 to 20 feet.

Specifications and Features:

Housing:

Die Cast Gasketed Aluminum Grid Front Frame and Housing with Integral Heat Sinking and Driver Compartment. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.

Listing & Ratings:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Finish:

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:

SoftLED LumaLens UV-Stabilized Polycarbonate Opal Vandal-Resistant Lens Eliminates LED Hot Spots

Mounting Options:

Surface Mount

EasyLED LED:

Aluminum Boards

Wattage:

Array: 12w, System: 12.9w; (100w HID Equivalent)
Array: 17w, System: 18.1w; (100w HID Equivalent)
Array: 25w, System: 27.1w; (250w HID Equivalent)

Driver:

Electronic Driver, 120-277V, 50/60Hz, 347V, 50/60Hz or 480-347V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with our Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:

5-Year Warranty for -40°C to +50°C Environment.

See Page 3 for Projected Lumen Maintenance Table.

Certification & Listings:



ORDER INFORMATION EXAMPLE
WILMAR-GRQ-F-1X12W-U-3K-L-Z-SF

| | F | | | | L | | |
|--|-------------------|--|--|--|---|--|--|
| Model | Optics | Wattage | Driver | CCT | Lens | Color | Options |
| WILMAR-GRQ =EasyLED Excel Round Bulkhead Grid Frame | F =Type IV | 1X12 =12w 1X17 =17w 1X25 =25w | U =120-277V C =347V* H =347-480V♦ *17w Only ♦25w Only | 3K =3000K 4K =4000K 5K =5000K | L =SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens | Z =Bronze W =White C =Custom (Consult Factory) | SF =Single Fuse* DF =Double Fuse* SP =Surge Protector PC3 =Photocell, 120-277VAC S2 =Microwave Sensor with Dimming for Mounting Heights of 8' to 40'.* S4 =Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.* BU =Battery Backup, 90 Minutes* BUC =Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only |

Accessories & Replacement Parts:
**Replacement Parts
(Order Separately, Field Installed)**

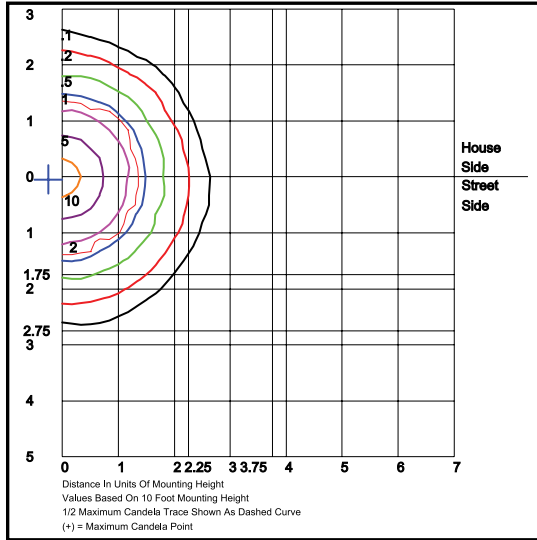
| | |
|--|--|
| P18103 | 120-277VAC Photocell |
| P17117 | Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz. |
| P17123 | Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz |
| For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet. | |


P18103

P17117

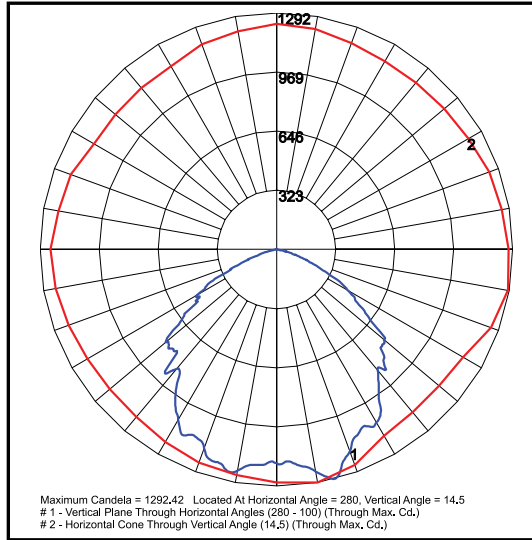
P17123

Photometric Data



WILMAR-GRQ-F-1X25-U-5K Type IV

Grid in MH
MH=10 Feet



WILMAR-GRQ-F-1X25-U-5K Type IV

Photometric Performance

| Wattage (Catalog Logic) | | 12W (1X12) | 17W (1X17) | 25W (1X25) |
|----------------------------|------------|------------------|---------------|---------------|
| Input Watts | | 12.9W | 18.1W | 27.1W |
| Optic | CCT | Delivered Lumens | | |
| F = Type V | 3000K | 1,349 | 1,888 | 2,832 |
| | 4000K | 1,463 | 2,048 | 3,073 |
| | 5000K | 1,524 | 2,134 | 3,201 |
| | BUG Rating | B1-U1-G0 | B1-U1-G0 | B1-U1-G0 |

Projected Lumen Maintenance

| Data shown for 5000 CCT | | | Compare to MH | | | |
|--------------------------------------|--------------------------------------|---------|---------------|------------|-------------|---------------------|
| TM-21-11 | Input Watts | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated LED Life |
| L70 Lumen Maintenance @ 25°C / 77°F | All wattages up to and including 27w | 1.00 | 0.96 | 0.92 | 0.84 | 187,000 |
| L70 Lumen Maintenance @ 50°C / 122°F | | 1.00 | 0.96 | 0.91 | 0.82 | 113,000 |
| L80 Lumen Maintenance @ 40°C / 104°F | | 1.00 | 0.94 | 0.89 | 0.77 | 88,000 |

NOTES:

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.