

**MicroEdge™**  
LED Direct Mount Collection

**HALO**

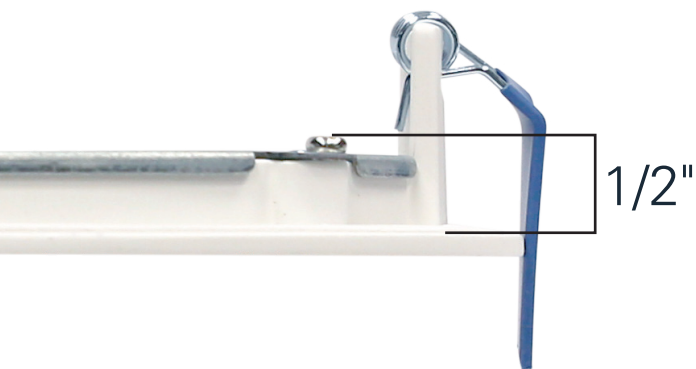


**HLB**  
Direct Mount Downlight

**HLA**  
Direct Mount Directional

[halolighting.com](http://halolighting.com)

# HALO™ HLB



## ultra-thin

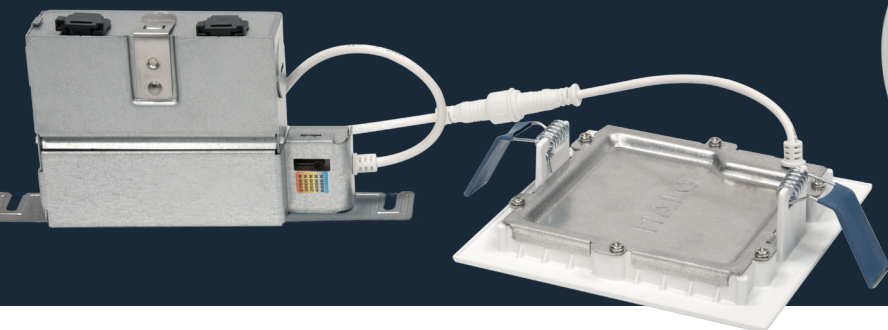
The HLB is an ultra-thin LED lens downlight with a remote driver / junction box ideal for new construction and renovation work.

Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. The HLB can install from below the ceiling in as little as a 1-1/2" plenum height and can be used in direct contact with insulation and is airtight.

Distribution patterns work well in low to medium ceiling heights, applications are virtually universal including living and dining areas, bedrooms, closets, hallways, bathrooms, kitchens, basements, soffits, entryways and porches.



The SeleCCTable™ technology puts flexibility at your fingertips. By using the switch located on the driver junction box, the user can choose from a range of five color temperatures 2700K - 5000K.



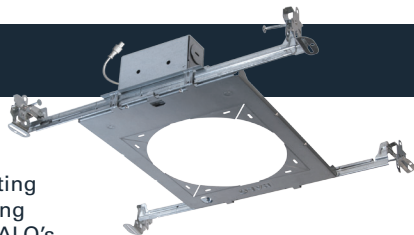
# installs virtually anywhere

The HLB installs into a standard hole saw size cutout and is retained securely in place with springs.

The driver junction box installs through a cutout and can be positioned remotely from the fixture fitting. Mounting holes facilitate attachment to the building structure.

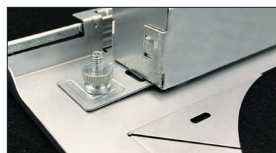


## New Construction Mounting Frame



The new construction mounting frame locates the fixture fitting during electrical rough-in. HALO's patented Got Nail!® bar hangers are pre-installed supporting the mounting frame along rails.

During electrical rough-in, the driver / junction box attaches to the mounting frame with captive fasteners meeting code requirements for attachment to the building structure.



**HL4RSMF** - 4" round and square mounting frame

**HL6RSMF** - 6" round and square mounting frame

See page 23 for more info.

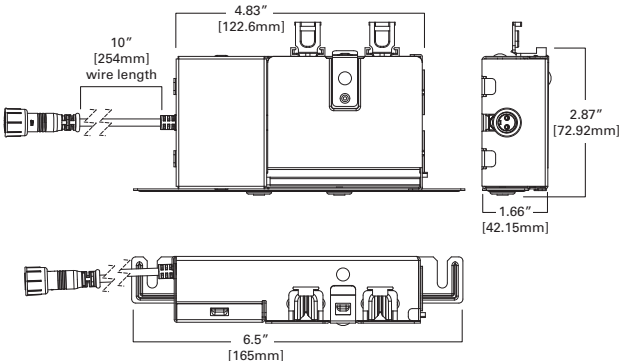
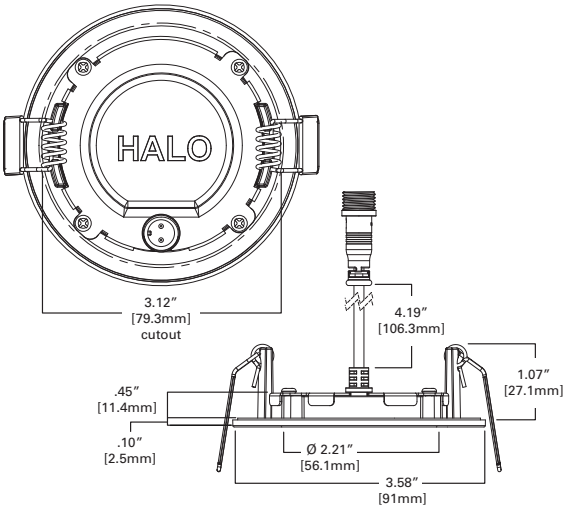
## Square Installation







- Up to 550 lumens
- Use to replace 40W A19 incandescent lamp
- 2700K, 3000K, 3500K, 4000K fixed CCT
- 90 CRI
- 9W, 120V
- L70 @ 50,000 hrs
- HALO matte white finish
- No existing recessed housing or junction box required
- Fixture will not fit into existing housings or junction boxes
- Wet location listed (shower rated) covered ceiling
- Rated for direct contact to air permeable insulation
- AIR-TITE™ certified per ASTM-E283
- Textured lens provides smooth light distribution
- Five-year limited warranty





Can be used for  
**IECC**  
International Energy Conservation Code  
High Efficacy Compliance

**Efficiency Standards**  
**T24**  
Can be used to comply with 2015 Title 24 Part 6 LED Recycled Light Source Requirements (L80)

**RoHS**

**Showerlight**

**airTITE**

**UL**  
CERTIFIED  
SAFETY US CA  
SECURITE US CA  
E349750

Refer to ENERGY STAR® Certified Products List. Can be used to comply with California Title 24 High Efficacy requirements. Certified to California Appliance Efficiency Database under JA8.

Ordering Information

SAMPLE NUMBER: HLB3059301EMWR

Models	Lumens	CRI / CCT	Driver	Finish	Packaging
HLB3 = 3-Inch LED lens downlight with remote driver / junction box	05 = 500 lumen (nominal)	927 = 90 CRI minimum, 2700K CCT 930 = 90 CRI minimum, 3000K CCT 935 = 90 CRI minimum, 3500K CCT 940 = 90 CRI minimum, 4000K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming	MW = matte white flange	R = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

- Oversized Trim Ring**  
HLB3ROTMW = 3" round oversized trim, matte white
- Decorative Trim Ring**  
HLB3RTRMMW = 3" round decorative overlay, matte white  
HLB3RTRMSN = 3" round decorative overlay, satin nickel  
HLB3RTRMTBZ = 3" round decorative overlay, tuscan bronze

- Extension Cable | Dedicated Driver/Jbox**  
HLB06EC - 6 ft. extension cable  
HLB12EC - 12 ft. extension cable  
HLB20EC - 20 ft. extension cable

UP TO **\$240**<sup>A</sup>  
**SAVINGS**

<sup>A</sup> Savings are over the life of the HALO HLB3 luminaire.  
Energy savings: \$190  
Replacement lamp savings: \$50  
Savings based on \$0.128 per kilowatt hour, average six hours use per day, 50,000 hours of lamp usage, and 60W A19 lamp lumen equivalent.

Energy Data			
Lumens	500 Series	Inrush (A)	2.2 A @ 42mS
Input Voltage	120V	THD	≤ 20%
Input Current	100 (mA)	PF	≥ 0.90
Input Power	9.0 (W)	T Ambient	-30° - +40°C
Efficiency	60 (LPW)	Sound Rating	≤ 22dba





- Up to 550 lumens
- Use to replace 40W A19 incandescent lamp
- 2700K, 3000K, 3500K, 4000K fixed CCT
- 90 CRI
- 9W, 120V
- L70 @ 50,000 hrs
- HALO matte white finish
- No existing recessed housing or junction box required
- Fixture will not fit into existing housings or junction boxes
- Wet location listed (shower rated) covered ceiling
- Rated for direct contact to air permeable insulation
- AIR-TITE™ certified per ASTM-E283
- Textured lens provides smooth light distribution
- Five-year limited warranty



Can be used for  
**IECC**  
International Energy Conservation Code  
High Efficacy Compliance

Efficiency Standards

**T24**

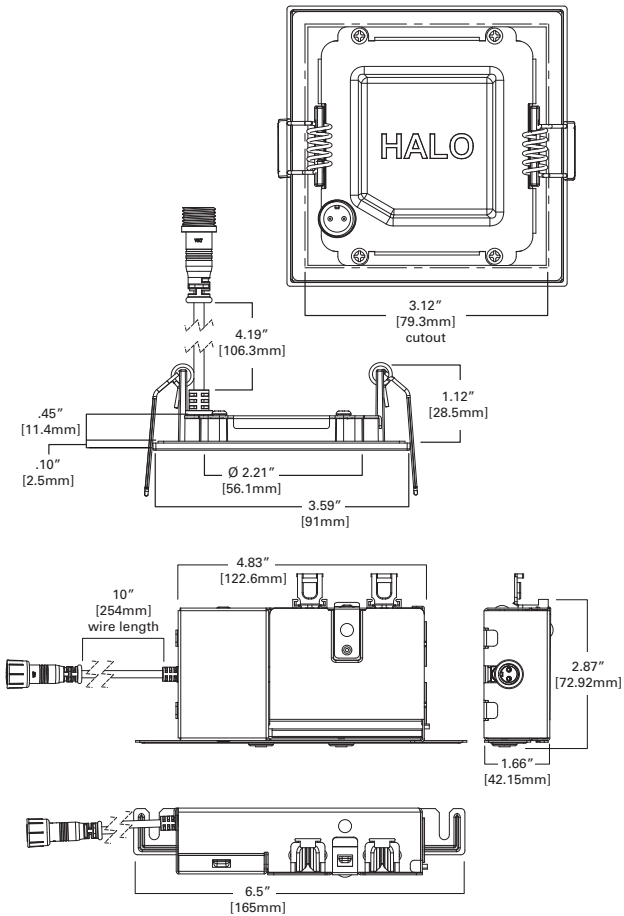
Can be used to comply with 2015 Title 24 Part 6 LED Recessed Light Source Requirements (L80)



**UL**  
CERTIFIED  
SAFETY US-CA  
SECURITE US-CA  
E349750

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*airTITE*



Ordering Information

SAMPLE NUMBER: HLB3S059301EMWR

Models	Lumens	CRI / CCT	Driver	Finish	Packaging
HLB3S = 3-Inch LED square lens downlight with remote driver / junction box	05 = 500 lumen (nominal)	927 = 90 CRI minimum, 2700K CCT 930 = 90 CRI minimum, 3000K CCT 935 = 90 CRI minimum, 3500K CCT 940 = 90 CRI minimum, 4000K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming	MW = matte white flange	R = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

- Oversized Trim Ring**  
HLB3SOTMW = 3" square oversized trim, matte white
- Decorative Trim Ring**  
HLB3STRMMW = 3" square decorative overlay, matte white  
HLB3STRMSN = 3" square decorative overlay, satin nickel  
HLB3STRMTBZ = 3" square decorative overlay, tuscan bronze

- Extension Cable | Dedicated Driver/Jbox**  
HLB06EC - 6 ft. extension cable  
HLB12EC - 12 ft. extension cable  
HLB20EC - 20 ft. extension cable

UP TO

**\$240**

SAVINGS

\* Savings are over the life of the HALO HLB3S luminaire.  
Energy savings: \$190  
Replacement lamp savings: \$50  
Savings based on \$0.128 per kilowatt hour, average six hours use per day, 50,000 hours of lamp usage, and 60W A19 lamp lumen equivalent.

Energy Data			
Lumens	500 Series	Inrush (A)	2.2 A @ 42mS
Input Voltage	120V	THD	≤ 20%
Input Current	100 (mA)	PF	≥ 0.90
Input Power	9.0 (W)	T Ambient	-30° - +40°C
Efficiency	60 (LPW)	Sound Rating	≤ 22dba

HLB4



- Up to 750 lumens
- Use to replace 60W A19 incandescent lamp
- 2700K, 3000K, 3500K, 4000K, 5000K CCT field select
- 3000K, 4000K fixed CCT
- 90 CRI
- 12W, 120V
- L70 @ 50,000 hrs
- HALO matte white finish
- No existing recessed housing or junction box required
- Fixture will not fit into existing housings or junction boxes
- Wet location listed (shower rated) covered ceiling
- Rated for direct contact to air permeable insulation
- AIR-TITE™ certified per ASTM-E283
- Textured lens provides smooth light distribution
- Five-year limited warranty



Can be used for  
**IECC**  
International Energy  
Conservation Code  
High Efficiency  
Compliance



**Efficiency Standards**  
**T24**  
Can be used to comply  
with 2015 Title 24 Part 6  
LED Excluded Light  
Source Requirements (JA8)



**RoHS**



**Showerlight**



**UL**  
CERTIFIED  
SAFETY US-CA  
SECURITE US-CA  
E349750



**air811**

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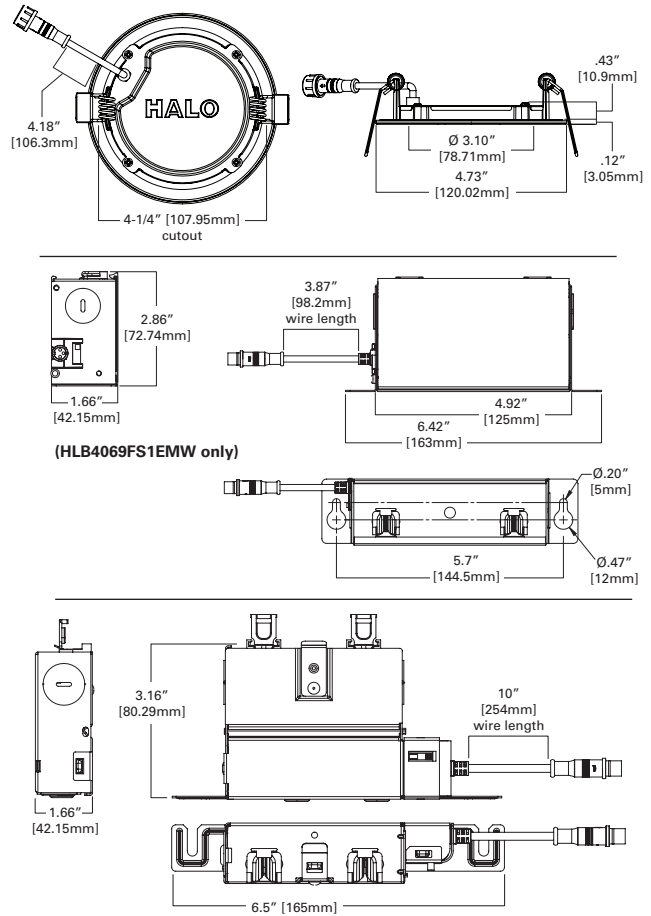
Ordering Information

SAMPLE NUMBER: HLB4069FS1EMWR

Models	Lumens	CRI / CCT	Driver	Finish	Packaging
<b>HLB4</b> = 4-Inch ultra-thin LED lens downlight with remote driver / junction box	<b>06</b> = 600 lumen (nominal)	<b>930</b> = 90 CRI minimum, 3000K CCT <b>940</b> = 90 CRI minimum, 4000K CCT <b>9FS</b> = 90 CRI minimum, field selectable 2700K, 3000K, 3500K, 4000K or 5000K CCT	<b>1E</b> = 120V 60Hz, LE & TE phase cut 5% dimming	<b>MW</b> = matte white flange	<b>R</b> = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

- Oversized Trim Ring**  
HLB4ROTMW = 4" round oversized trim, matte white
- Decorative Trim Ring**  
HLB4RTRMMW = 4" round decorative overlay, matte white  
HLB4RTRMSN = 4" round decorative overlay, satin nickel  
HLB4RTRMTBZ = 4" round decorative overlay, tuscan bronze
- Mounting Frame**  
HL4RSMF = 4" round and square mounting frame



Extension Cable | Dedicated Driver/Jbox

- HLB06EC - 6 ft. extension cable
- HLB12EC - 12 ft. extension cable
- HLB20EC - 20 ft. extension cable

Extension Cable | SeleCCTable Driver/Jbox

- HLB06FSEC - 6 ft. extension cable
- HLB12FSEC - 12 ft. extension cable
- HLB20FSEC - 20 ft. extension cable

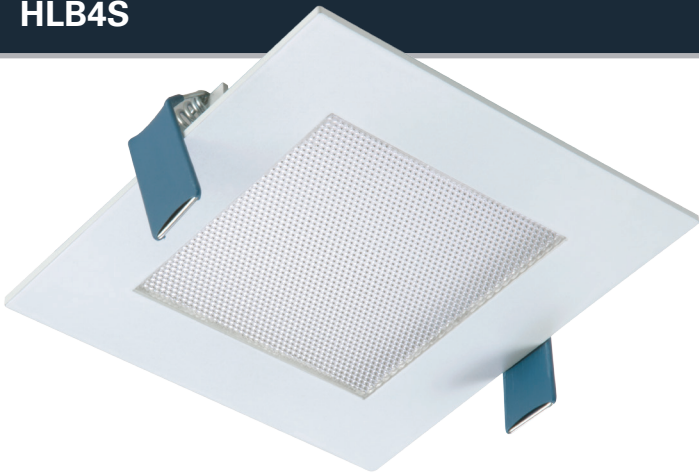
UP TO

**\$377<sup>A</sup>**

**SAVINGS**

<sup>A</sup> Savings are over the life of the HALO HLB4 luminaire.  
Energy savings: \$327  
Replacement lamp savings: \$50  
Savings based on \$0.128 per kilowatt hour, average six hours use per day,  
50,000 hours of lamp usage, and 60W A19 lamp lumen equivalent.

Energy Data			
Lumens	600 Series	Inrush (A)	2.2 A @ 42mS
Input Voltage	120V	THD	≤ 20%
Input Current	100 (mA)	PF	≥ 0.90
Input Power	12.0 (W)	T Ambient	-30° - +40°C
Efficiency	60 (LPW)	Sound Rating	≤ 22dba



- Up to 700 lumens
- Use to replace 60W A19 incandescent lamp
- 2700K, 3000K, 3500K, 4000K, 5000K CCT field select
- 3000K, 4000K fixed CCT
- 90 CRI
- 12W, 120V
- L70 @ 50,000 hrs
- HALO matte white finish
- No existing recessed housing or junction box required
- Fixture will not fit into existing housings or junction boxes
- Wet location listed (shower rated) covered ceiling
- Rated for direct contact to air permeable insulation
- AIR-TITE™ certified per ASTM-E283
- Textured lens provides smooth light distribution
- Five-year limited warranty



Can be used for  
**IECC**  
International Energy  
Conservation Code  
High Efficiency  
Compliance



Efficiency Standards  
**T24**  
Can be used to comply  
with 2015 Title 24 Part 6  
LED Recessed Light  
Source Requirements (JAA8)



RoHS



Showerlight



**UL**  
CERTIFIED  
SAFETY US-CA  
SECURITE US-CA  
E349750

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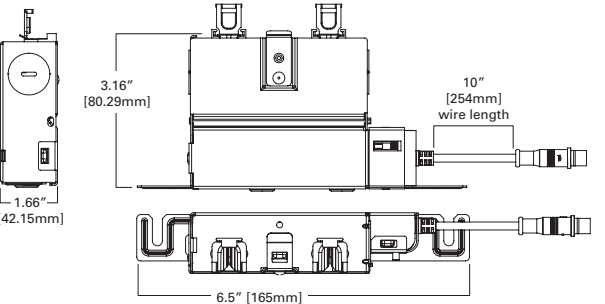
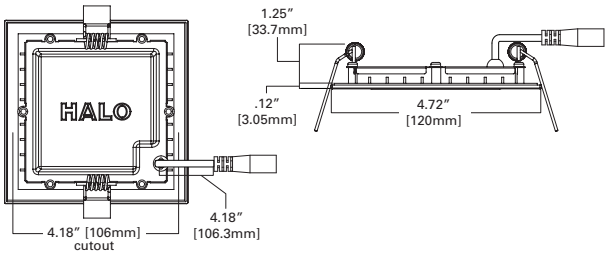
Ordering Information

SAMPLE NUMBER: HLB4S069FS1EMWR

Models	Lumens	CRI / CCT	Driver	Finish	Packaging
<b>HLB4S</b> = 4-Inch LED square lens downlight with remote driver / junction box	<b>06</b> = 600 lumen (nominal)	<b>930</b> = 90 CRI minimum, 3000K CCT <b>940</b> = 90 CRI minimum, 4000K CCT <b>9FS</b> = 90 CRI minimum, field selectable 2700K, 3000K, 3500K, 4000K or 5000K CCT	<b>1E</b> = 120V 60Hz, LE & TE phase cut 5% dimming	<b>MW</b> = matte white flange	<b>R</b> = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

- Oversized Trim Ring**  
**HLB4SOTMW** = 4" square oversized trim, matte white
- Decorative Trim Ring**  
**HLB4STRMMW** = 4" square decorative overlay, matte white  
**HLB4STRMSN** = 4" square decorative overlay, satin nickel  
**HLB4STRMTBZ** = 4" square decorative overlay, tuscan bronze
- Mounting Frame**  
**HL4RSMF** = 4" round and square mounting frame



UP TO **\$377**<sup>A</sup>  
**SAVINGS**

<sup>A</sup> Savings are over the life of the HALO HLB4S luminaire.  
Energy savings: \$327  
Replacement lamp savings: \$50  
Savings based on \$0.128 per kilowatt hour, average six hours use per day,  
50,000 hours of lamp usage, and 60W A19 lamp lumen equivalent.

- Extension Cable | Dedicated Driver/Jbox**  
**HLB06EC** - 6 ft. extension cable  
**HLB12EC** - 12 ft. extension cable  
**HLB20EC** - 20 ft. extension cable
- Extension Cable | SeleCCTable Driver/Jbox**  
**HLB06FSEC** - 6 ft. extension cable  
**HLB12FSEC** - 12 ft. extension cable  
**HLB20FSEC** - 20 ft. extension cable

Energy Data			
Lumens	600 Series	Inrush (A)	2.2 A @ 54mS
Input Voltage	120V	THD	≤ 20%
Input Current	90 (mA)	PF	≥ 0.90
Input Power	10.5 (W)	T Ambient	-30° - +40°C
Efficiency	60 (LPW)	Sound Rating	≤ 22dba





- Up to 1100 lumens
- Use to replace 75W A19 incandescent lamp
- 2700K, 3000K, 3500K, 4000K, 5000K CCT field select
- 3000K, 4000K fixed CCT
- 90 CRI
- 16W, 120V
- L70 @ 50,000 hrs
- HALO matte white finish
- No existing recessed housing or junction box required
- Fixture will not fit into existing housings or junction boxes
- Wet location listed (shower rated) covered ceiling
- Rated for direct contact to air permeable insulation
- AIR-TITE™ certified per ASTM-E283
- Textured lens provides smooth light distribution
- Five-year limited warranty



Can be used for  
**IECC**  
International Energy Conservation Code  
High Efficiency Compliance



**Efficiency Standards**  
**T24**  
Can be used to comply with 2016 Title 24 Part 6.1.2.2 (Reduced Light Source Requirements L70)



**RoHS**



**Showerlight**



**UL**  
CERTIFIED  
SAFETY US-CA  
SECURITE US-CA  
E349750



**air4life**

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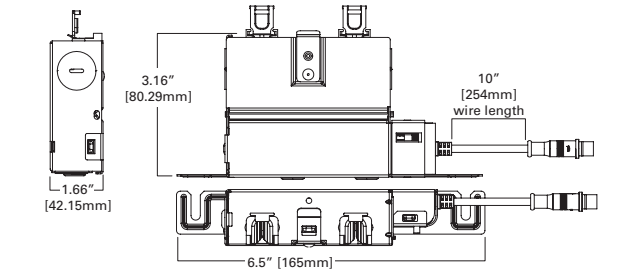
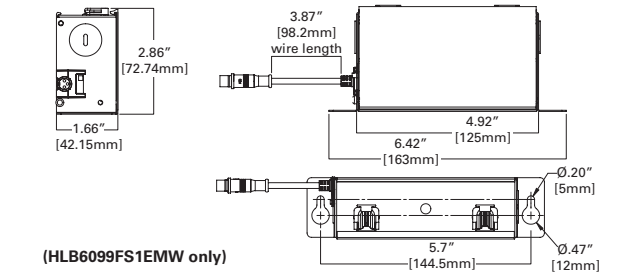
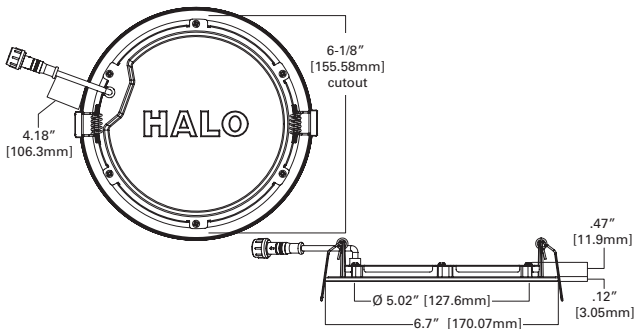
Ordering Information

SAMPLE NUMBER: HLB6099FS1EMWR

Models	Lumens	CRI / CCT	Driver	Finish	Packaging
<b>HLB6</b> = 6-Inch ultra-thin LED lens downlight with remote driver / junction box	<b>09</b> = 900 lumen (nominal)	<b>930</b> = 90 CRI minimum, 3000K CCT <b>940</b> = 90 CRI minimum, 4000K CCT <b>9FS</b> = 90 CRI minimum, field selectable 2700K, 3000K, 3500K, 4000K or 5000K CCT	<b>1E</b> = 120V 60Hz, LE & TE phase cut 5% dimming	<b>MW</b> = matte white flange	<b>R</b> = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

- Oversized Trim Ring**  
HLB6SOTMW = 6" square oversized trim, matte white
- Decorative Trim Ring**  
HLB6STRMMW = 6" square decorative overlay, matte white  
HLB6STRMSN = 6" square decorative overlay, satin nickel  
HLB6STRMTBZ = 6" square decorative overlay, tuscan bronze
- Mounting Frame**  
HL6RSMF = 6" round and square mounting frame



UP TO

**\$352<sup>Δ</sup>**

**SAVINGS**

<sup>Δ</sup> Savings are over the life of the HALO HLB6 luminaire.  
Energy savings: \$302  
Replacement lamp savings: \$50  
Savings based on \$0.128 per kilowatt hour, average six hours use per day, 50,000 hours of lamp usage, and 75W A19 lamp luminaire equivalent.

Extension Cable | Dedicated Driver/Jbox

- HLB06EC - 6 ft. extension cable
- HLB12EC - 12 ft. extension cable
- HLB20EC - 20 ft. extension cable

Extension Cable | SeleCCTable Driver/Jbox

- HLB06FSEC - 6 ft. extension cable
- HLB12FSEC - 12 ft. extension cable
- HLB20FSEC - 20 ft. extension cable

Energy Data			
Lumens	900 Series	Inrush (A)	2.1 A @ 14mS
Input Voltage	120V	THD	≤ 20%
Input Current	132 (mA)	PF	≥ 0.90
Input Power	16.0 (W)	T Ambient	-30° - +40°C
Efficiency	66 (LPW)	Sound Rating	≤ 22dba



- Up to 1100 lumens
- Use to replace 75W A19 incandescent lamp
- 2700K, 3000K, 3500K, 4000K, 5000K CCT
- 3000K, 4000K fixed CCT
- 90 CRI
- 16W, 120V
- L70 @ 50,000 hrs
- HALO matte white finish
- No existing recessed housing or junction box required
- Fixture will not fit into existing housings or junction boxes
- Wet location listed (shower rated) covered ceiling
- Rated for direct contact to air permeable insulation
- AIR-TITE™ certified per ASTM-E283
- Textured lens provides smooth light distribution
- Five-year limited warranty



Can be used for  
**IECC**  
International Energy Conservation Code  
High Efficiency Compliance



**Efficiency Standards**  
**T24**  
Can be used to comply with 2015 Title 24 Part 6 LED Excluded Light Source Requirements (JA8)



**RoHS**



**Showerlight**

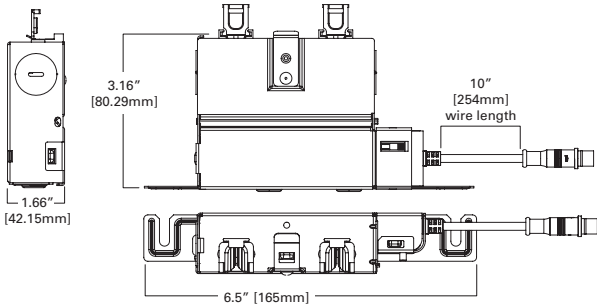
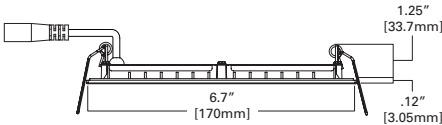
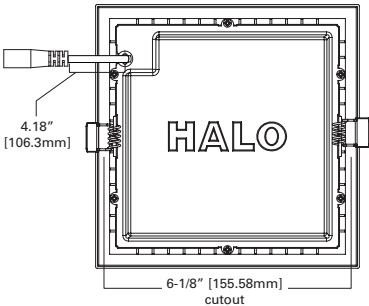


**UL**  
CERTIFIED  
SAFETY US-CA  
SECURITE US-CA  
E349750



**air811**

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Ordering Information

SAMPLE NUMBER: HLB6S099FS1EMWR

Models	Lumens	CRI / CCT	Driver	Finish	Packaging
HLB6S = 6-Inch LED square lens downlight with remote driver / junction box	09 = 900 lumen (nominal)	930 = 90 CRI minimum, 3000K CCT 940 = 90 CRI minimum, 4000K CCT 9FS = 90 CRI minimum, field selectable 2700K, 3000K, 3500K, 4000K or 5000K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming	MW = matte white flange	R = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

- Oversized Trim Ring**  
HLB6SOTMW = 6" square oversized trim, matte white
- Decorative Trim Ring**  
HLB6STRMMW = 6" square decorative overlay, matte white  
HLB6STRMSN = 6" square decorative overlay, satin nickel  
HLB6STRMTBZ = 6" square decorative overlay, tuscan bronze
- Mounting Frame**  
HL6RSMF = 6" round and square mounting frame

Extension Cable | Dedicated Driver/Jbox

- HLB06EC - 6 ft. extension cable
- HLB12EC - 12 ft. extension cable
- HLB20EC - 20 ft. extension cable

Extension Cable | SeleCCTable Driver/Jbox

- HLB06FSEC - 6 ft. extension cable
- HLB12FSEC - 12 ft. extension cable
- HLB20FSEC - 20 ft. extension cable

UP TO **\$352**<sup>A</sup>  
**SAVINGS**

<sup>A</sup> Savings are over the life of the HALO HLB6S luminaire.  
Energy savings: \$302  
Replacement lamp savings: \$50  
Savings based on \$0.128 per kilowatt hour, average six hours use per day, 50,000 hours of lamp usage, and 75W A19 lamp lumens equivalent.

Energy Data			
Lumens	900 Series	Inrush (A)	2.2 A @ 45mS
Input Voltage	120V	THD	≤ 20%
Input Current	120 (mA)	PF	≥ 0.90
Input Power	14.0 (W)	T Ambient	-30° - +40°C
Efficiency	66 (LPW)	Sound Rating	≤ 22dba



HLA406VWFL9FS1EMWR



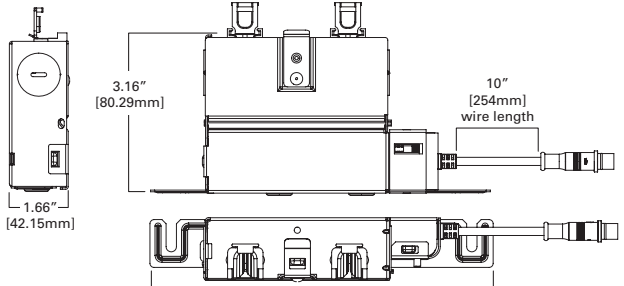
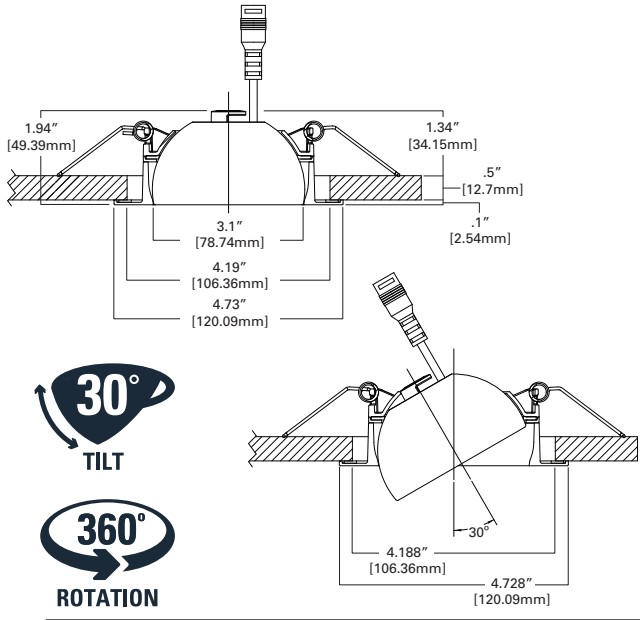
HLA406FL9FS1EMWR



- Up to 700 lumens
- Use to replace 60W A19 incandescent lamp
- 2700K, 3000K, 3500K, 4000K, 5000K CCT field select
- 90 CRI
- 12W, 120V
- L70 @ 50,000 hrs
- HALO matte white finish
- No existing recessed housing or junction box required
- Fixture will not fit into existing housings or junction boxes
- Wet location listed (shower rated) covered ceiling
- Rated for direct contact to air permeable insulation
- AIR-TITE™ certified per ASTM-E283
- Five-year limited warranty



Refer to ENERGY STAR® Certified Products List. Can be used to comply with California Title 24 High Efficacy requirements. Certified to California Appliance Efficiency Database under JA8.



Ordering Information

SAMPLE NUMBER: HLA406VWFL9FS1EMWR

Models	Lumens	Distribution	CRI / CCT	Driver	Finish	Packaging
HLA4 = 4-Inch LED round directional with remote driver / junction box	06 = 600 lumen (nominal)	FL = 40° flood distribution VWFL = 80° very wide flood distribution	9FS = 90 CRI minimum, field selectable 2700K, 3000K, 3500K, 4000K or 5000K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming	MW = matte white flange	R = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

- Oversized Trim Ring**  
HLB4ROTMW = 4" round oversized trim, matte white
- Decorative Trim Ring**  
HLB4RTRMMW = 4" round decorative overlay, matte white  
HLB4RTRMSN = 4" round decorative overlay, satin nickel  
HLB4RTRMTBZ = 4" round decorative overlay, tuscan bronze

- Mounting Frame**  
HL4RSMF = 4" round and square mounting frame
- Extension Cables**  
HLB06FSEC - 6 ft. extension cable  
HLB12FSEC - 12 ft. extension cable  
HLB20FSEC - 20 ft. extension cable



\* Savings are over the life of the HALO HLA4 luminaire.  
Energy savings: \$327  
Replacement lamp savings: \$50  
Savings based on \$0.128 per kilowatt hour, average six hours use per day, 50,000 hours of lamp usage, and 60W A19 lamp lumen equivalent.

Energy Data			
Lumens	600 Series	Inrush (A)	1.9 A @ 54mS
Input Voltage	120V	THD	≤ 20%
Input Current	90 (mA)	PF	≥ 0.90
Input Power	10.5 (W)	T Ambient	-30° - +40°C
Efficiency	60 (LPW)	Sound Rating	≤ 22dba





HLA4S06VWFL9FS1EMWR



HLA4S06FL9FS1EMWR



- Up to 700 lumens
- Use to replace 60W A19 incandescent lamp
- 2700K, 3000K, 3500K, 4000K, 5000K CCT field select
- 90 CRI
- 12W, 120V
- L70 @ 50,000 hrs
- HALO matte white finish
- No existing recessed housing or junction box required
- Fixture will not fit into existing housings or junction boxes
- Wet location listed (shower rated) covered ceiling
- Rated for direct contact to air permeable insulation
- AIR-TITE™ certified per ASTM-E283
- Five-year limited warranty



Refer to ENERGY STAR® Certified Products List. Can be used to comply with California Title 24 High Efficacy requirements. Certified to California Appliance Efficiency Database under JA8.

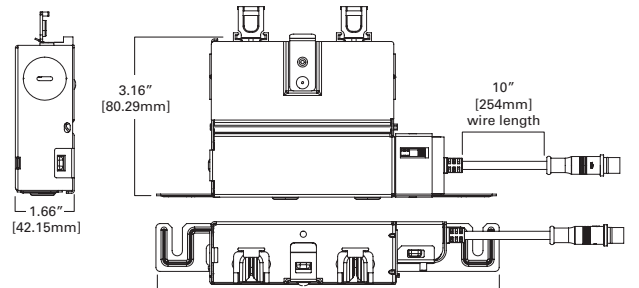
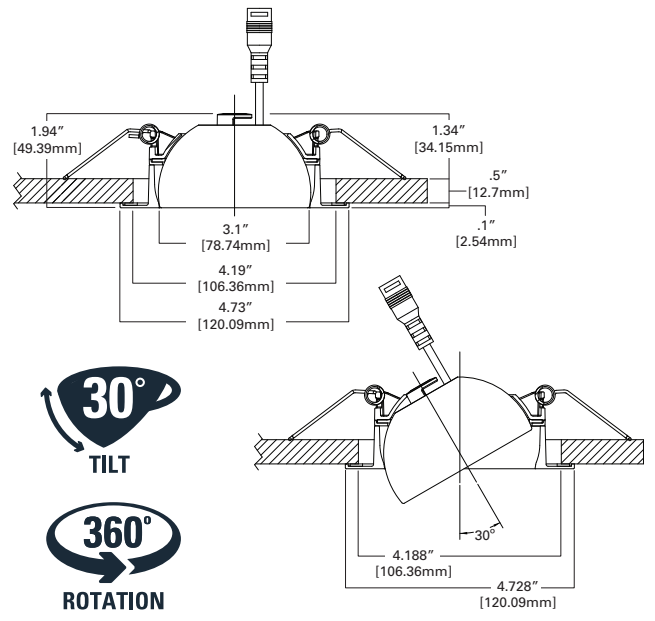
Ordering Information

SAMPLE NUMBER: HLA4S06VWFL9FS1EMWR

Models	Lumens	Distribution	CRI / CCT	Driver	Finish	Packaging
HLA4S = 4-Inch LED round square directional with remote driver / junction box	06 = 600 lumen (nominal)	FL = 40° flood distribution VWFL = 80° very wide flood distribution	9FS = 90 CRI minimum, field selectable 2700K, 3000K, 3500K, 4000K or 5000K CCT	1E = 120V 60Hz, LE & TE phase cut 5% dimming	MW = matte white flange	R = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

- Oversized Trim Ring**  
HLB4SOTMW = 4" square oversized trim, matte white
- Decorative Trim Ring**  
HLA4STRMMW = 4" square decorative overlay, matte white  
HLA4STRMSN = 4" square decorative overlay, satin nickel  
HLA4STRMTBZ = 4" square decorative overlay, tuscan bronze



- Mounting Frame**  
HL4RSMF = 4" round and square mounting frame
- Extension Cables**  
HLB06FSEC - 6 ft. extension cable  
HLB12FSEC - 12 ft. extension cable  
HLB20FSEC - 20 ft. extension cable

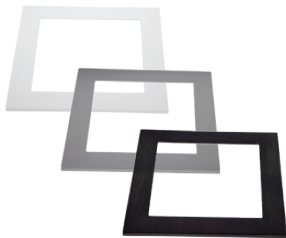
Energy Data			
Lumens	600 Series	Inrush (A)	1.9 A @ 54mS
Input Voltage	120V	THD	≤ 20%
Input Current	90 (mA)	PF	≥ 0.90
Input Power	10.5 (W)	T Ambient	-30° - +40°C
Efficiency	60 (LPW)	Sound Rating	≤ 22dba



\* Savings are over the life of the HALO HLA4S luminaire.  
Energy savings: \$327  
Replacement lamp savings: \$50  
Savings based on \$0.128 per kilowatt hour, average six hours use per day, 50,000 hours of lamp usage, and 60W A19 lamp lumen equivalent.

# Accessories

## Decorative Overlay



**3" Round**  
HLB3RTRMMW = matte white  
HLB3RTRMSN = satin nickel  
HLB3RTRMTBZ = tuscan bronze

**3" Square**  
HLB3STRMMW = matte white  
HLB3STRMSN = satin nickel  
HLB3STRMTBZ = tuscan bronze

**4" Round**  
HLB4RTRMMW = matte white  
HLB4RTRMSN = satin nickel  
HLB4RTRMTBZ = tuscan bronze

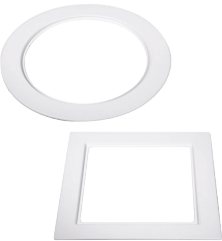
**4" Square**  
HLB4STRMMW = matte white  
HLB4STRMSN = satin nickel  
HLB4STRMTBZ = tuscan bronze

**4" Square Adjustable**  
HLA4STRMMW = matte white  
HLA4STRMSN = satin nickel  
HLA4STRMTBZ = tuscan bronze

**6" Round**  
HLB6RTRMMW = matte white  
HLB6RTRMSN = satin nickel  
HLB6RTRMTBZ = tuscan bronze

**6" Square**  
HLB6STRMMW = matte white  
HLB6STRMSN = satin nickel  
HLB6STRMTBZ = tuscan bronze

## Oversized Trim Plate



HLB3ROTMW - 3" round oversized trim  
HLB3SOTMW - 3" square oversized trim

HLB4ROTMW - 4" round oversized trim  
HLB4SOTMW - 4" square oversized trim

HLB6ROTMW - 6" round oversized trim  
HLB6SOTMW - 6" square oversized trim

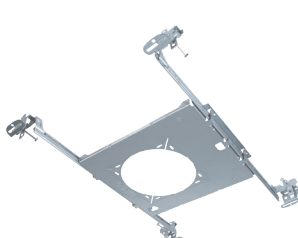
## Extension cables



**Dedicated driver / junction box**  
HLB06EC - 6 ft. extension cable  
HLB12EC - 12 ft. extension cable  
HLB20EC - 20 ft. extension cable

**SeleCCTable driver / junction box**  
HLB06FSEC - 6 ft. extension cable  
HLB12FSEC - 12 ft. extension cable  
HLB20FSEC - 20 ft. extension cable

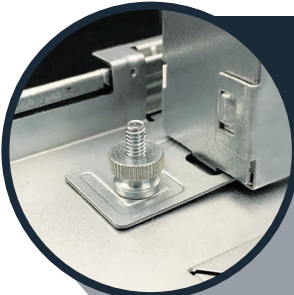
## Mounting Frames



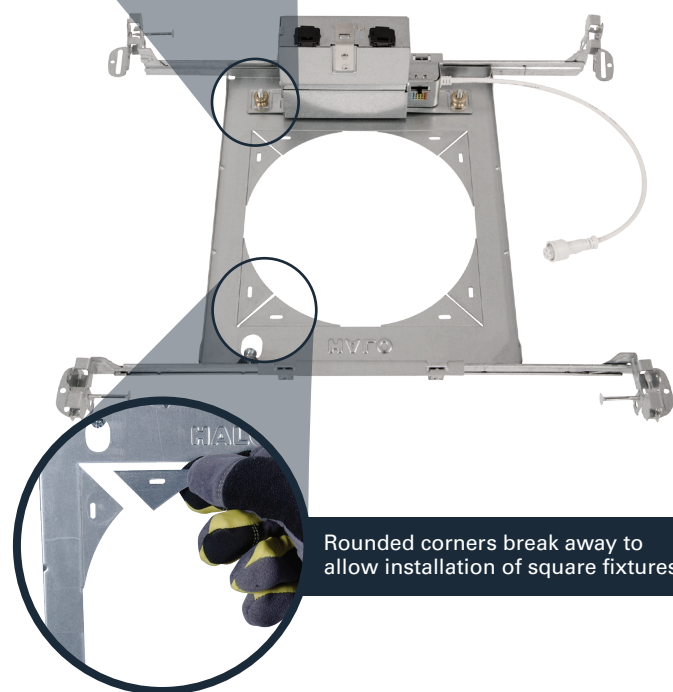
HL4RSMF - 4" round and square mounting frame



HL6RSMF - 6" round and square mounting frame



During electrical rough-in, the HLB driver / junction box attaches to the mounting frame with captive fasteners meeting code requirements for attachment to the building structure.

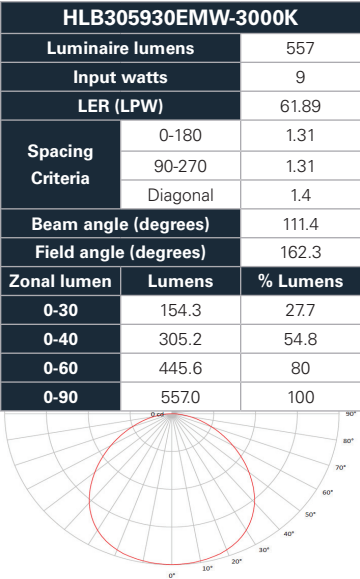


Rounded corners break away to allow installation of square fixtures.

Product and Photometric Data

HLB305930EMWR  
HLB3 3000K

	CCT	Lumens	Power (W)	LPW
3in HLB	2700K	557	9	61.9
	3000K	577	9	64.1
	3500K	556	9	61.8
	4000K	583	9	64.8



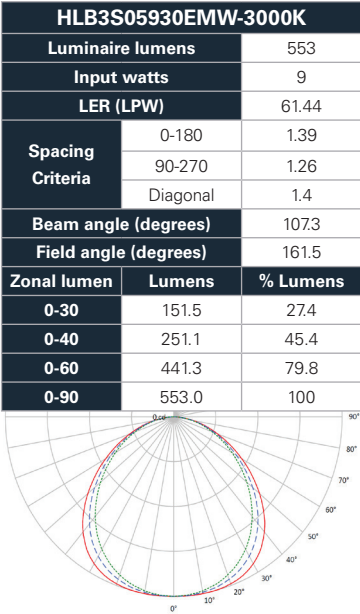
Color Metric Summary-3000K	
TM-30-15	Rf = 88
	Rg = 96
CRI/CIE	Ra = 94
	R9 = 70



\*Additional photometric ies files  
available online.

HLB3S05930EMWR  
HLB3S 3000K

	CCT	Lumens	Power (W)	LPW
3in HLB	2700K	574	9	63.8
	3000K	553	9	64.1
	3500K	562	9	62.4
	4000K	573	9	63.7



Color Metric Summary-3000K	
TM-30-15	Rf = 88
	Rg = 96
CRI/CIE	Ra = 94
	R9 = 70



\*Additional photometric ies files  
available online.





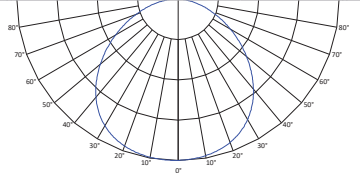
Product and Photometric Data

HLB4069FS1EMWR

HLB4 SeleCCTable

	CCT	Lumens	Power (W)	LPW
4in HLB	2700K	720.0	12	60.0
	3000K	723.0	12	60.3
	3500K	735.2	12	61.3
	4000K	746.1	12	62.2
	5000K	751.9	12	62.7

HLB4069FS1EMWR-3000K		
Luminaire lumens		723
Input watts		12
LER (LPW)		60.3
Spacing Criteria	0-180	1.28
	90-270	1.28
	Diagonal	1.39
Beam angle (degrees)		110.2
Field angle (degrees)		160
Zonal lumen	Lumens	% Lumens
0-30	203	28.1
0-40	335	46.3
0-60	581	80.4
0-90	723	100



Color Metric Summary-3000K	
TM-30-15	Rf = 90.9
	Rg = 100.7
CRI/CIE	Ra = 94.1
	R9 = 68.5

CCT - Range of 2700K- 5000K  
warm cool



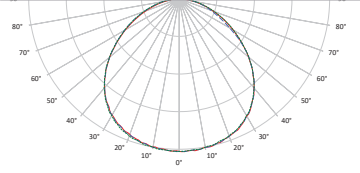
\*Additional photometric ies files  
available online.

HLB4S069FS1EMWR

HLB4S SeleCCTable

	CCT	Lumens	Power (W)	LPW
4in HLBS	2700K	684.9	10.1	67.8
	3000K	695.9	10.1	68.9
	3500K	689.6	10.1	68.3
	4000K	693.7	10.1	68.7
	5000K	694.6	10.1	68.8

HLB4S069FS1EMW-3000K		
Luminaire lumens		696
Input watts		10.1
LER (LPW)		68.9
Spacing Criteria	0-180	1.30
	90-270	1.32
	Diagonal	1.40
Beam angle (degrees)		110.3
Field angle (degrees)		161.8
Zonal lumen	Lumens	% Lumens
0-30	196	28.1
0-40	321	46.1
0-60	557	80
0-90	696	100



Color Metric Summary-3000K	
TM-30-15	Rf = 90.1
	Rg = 97.9
CRI/CIE	Ra = 95
	R9 = 75.8

CCT - Range of 2700K- 5000K  
warm cool



\*Additional photometric ies files  
available online.



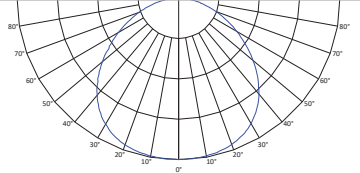
# Product and Photometric Data

## HLB6099FS1EMWR

HLB6 SeleCCTable

	CCT	Lumens	Power (W)	LPW
6in HLB	2700K	1037.3	16	64.8
	3000K	1061.0	16	66.3
	3500K	1078.9	16	67.4
	4000K	1094.9	16	68.4
	5000K	1103.4	16	69.0

HLB6099FS1EMWR-3000K		
Luminaire lumens		1061
Input watts		16
LER (LPW)		66.3
Spacing Criteria	0-180	1.31
	90-270	1.31
	Diagonal	1.41
Beam angle (degrees)		112.2
Field angle (degrees)		161.3
Zonal lumen	Lumens	% Lumens
0-30	294	27.7
0-40	486	45.8
0-60	851	80.2
0-90	1061	100



Color Metric Summary-3000K	
TM-30-15	Rf = 90.9
	Rg = 100.7
CRI/CIE	Ra = 94.1
	R9 = 68.4



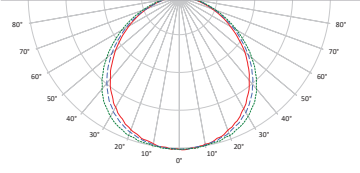
\*Additional photometric ies files available online.

## HLB6S099FS1EMWR

HLB6S SeleCCTable

	CCT	Lumens	Power (W)	LPW
6in HLB	2700K	954	13.7	69.6
	3000K	975	13.7	71.1
	3500K	1002	13.7	73.2
	4000K	1012	13.7	73.9
	5000K	1009	13.7	73.6

HLB6S099FS1EMW-3000K		
Luminaire lumens		975
Input watts		13.7
LER (LPW)		71.2
Spacing Criteria	0-180	1.22
	90-270	1.30
	Diagonal	1.38
Beam angle (degrees)		110.3
Field angle (degrees)		161.8
Zonal lumen	Lumens	% Lumens
0-30	273	28
0-40	449	46.1
0-60	782	80.2
0-90	975	100



Color Metric Summary-3000K	
TM-30-15	Rf = 92.7
	Rg = 98
CRI/CIE	Ra = 94.9
	R9 = 74.9



\*Additional photometric ies files available online.



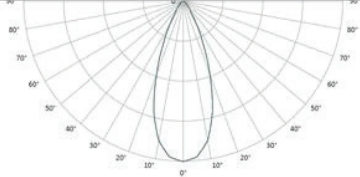
Product and Photometric Data

HLA406FL9FS1EMWR

HLA4 SeleCCTable

	CCT	Lumens	Power (W)	LPW
4in HLA	2700K	689	10.2	67.5
	3000K	711	10.2	69.72
	3500K	730	10.2	71.58
	4000K	745	10.2	73.04
	5000K	759	10.2	74.39

HLA406FL9FS1EMWR-3000K			
Luminaire lumens		711	
Input watts		10.2	
LER (LPW)		69.71	
Spacing Criteria	0-180	0.66	
	90-270	0.66	
	Diagonal	0.64	
Beam angle (degrees)		39.4	
Field angle (degrees)		69.3	
Zonal lumen	Lumens	% Lumens	
0-30	546.8	76.9	
0-40	625.7	88	
0-60	685.4	96.4	
0-90	711	100	



Color Metric Summary-3000K	
TM-30-15	Rf = 90
	Rg = 100
CRI/CIE	Ra = 92
	R9 = 59



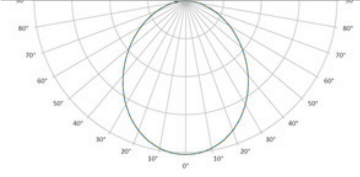
\*Additional photometric ies files available online.

HLA406VWFL9FS1EMWR

HLA4 SeleCCTable

	CCT	Lumens	Power (W)	LPW
4in HLA	2700K	704	10.1	69.7
	3000K	670	10.1	66.4
	3500K	673	10.1	66.6
	4000K	671	10.1	66.4
	5000K	656	10.1	65.0

HLA406VWFL9FS1EMWR-3000K			
Luminaire lumens		670	
Input watts		10.1	
LER (LPW)		66.34	
Spacing Criteria	0-180	1.18	
	90-270	1.18	
	Diagonal	1.28	
Beam angle (degrees)		96.6	
Field angle (degrees)		156.7	
Zonal lumen	Lumens	% Lumens	
0-30	238.1	35.53	
0-40	361.4	53.94	
0-60	569.8	85.04	
0-90	670.0	100	



Color Metric Summary-3000K	
TM-30-15	Rf = 90
	Rg = 100
CRI/CIE	Ra = 94.7
	R9 = 69



\*Additional photometric ies files available online.

Lighting Control Solution

HALOHOME™

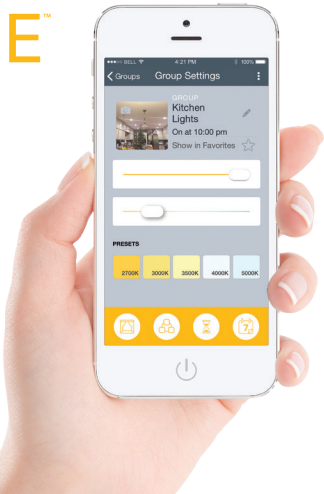


HALO Home In-wall Smart Dimmer

HIWMA1BLE40AWH

Controls standard lighting fixtures with dimmer or HALO Home mobile app. Features include:

- ON/OFF
- Dim
- Group
- Scene
- Schedule



Eaton dimmers offer versatile options to set the mood and reduce energy consumption. These compatible LED dimmers are ideal for both residential and light commercial applications and are compatible with decorator (screw-less) style devices and wallplates. Refer to [www.eaton.com](http://www.eaton.com) for additional information.



Decorator  
WBSD-DEC-\*



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WBSD-SLD-\*



Toggle  
WBSD-TOG-\*



Smart  
WBSD-SMT-\*



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