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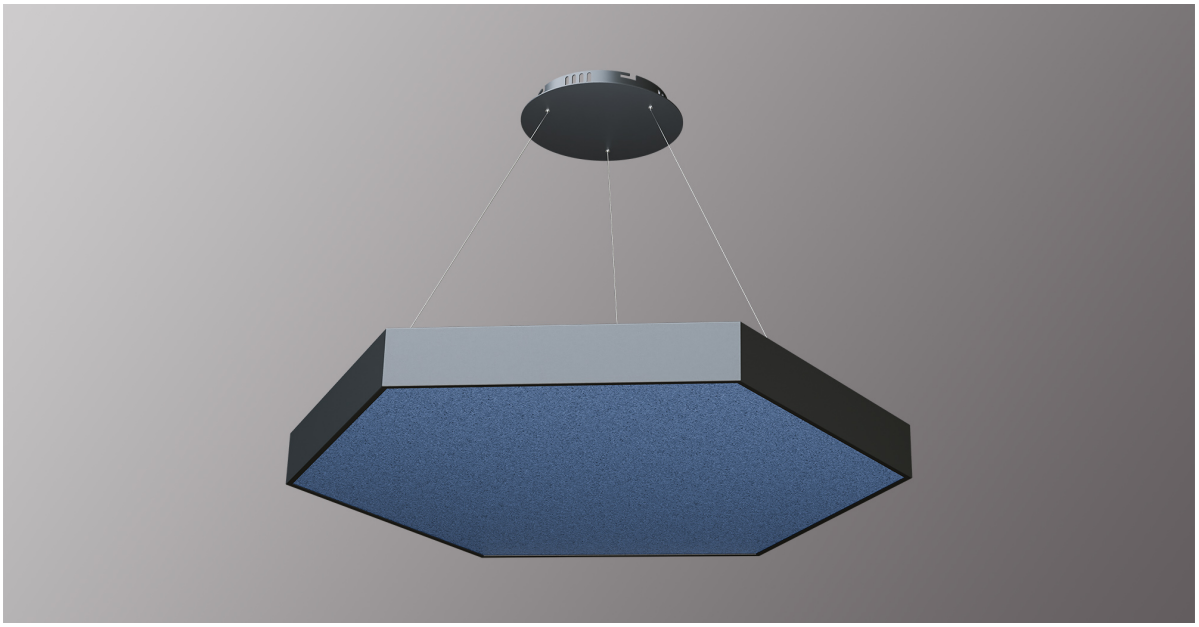
# ACOUSTIC SERIES - ASHP

Rev. Date: 09/10/2026

| Project: | Type: |
|---|---|
| | Comments: |



## Highlights

The TechoLED Acoustic Series provides an elegant and effective solution for reducing noise and reverberation in large, open spaces. Our luminaires are crafted from high-quality, rigid, acoustically rated materials, ensuring an easy-to-specify and install integrated solution. With a wide range og sizes, form factors and finishes – form standard colors to faux wood – we offer an acoustic solution to complement every modern interior.

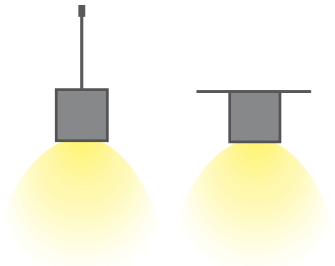
**LED:** Samsung LED chips, 2700-5000K, Tunable white and RGB/W available, 90CRI

**Optical:** Direct, Indirect and Direct/Indirect ilumination, 115° Beam angle

**Construction:** High grade aluminum extrusion, acoustic rated material, PMMA diffuser, Acoustic material available in multiple colors/finishes

5-year limited warranty

## Installation



Pendant (P)

Surface Mount (SM)

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## Configuration Example

| Model # | Distribution | Diameter | Lumen Output | Color Temp. | Voltage | Color |
|---|---|---|---|---|---|---|
| TECHOLED-ASHP-D-18-LO-30-U-W | Direct | 18.9"x16.4" | Low | 3000K | 100-277V | White |

## Ordering Guide:

Select one option from each group below. For a custom preference please contact sales@techoled.com

| 1-FIXTURE ID | | 2-DISTRIBUTION | | 3-DIAMETER | | 4-LUMEN OUTPUT | |
|---|---|---|---|---|---|---|---|
| ASHP | Hexagon P | D | Direct | 18 | 18.9"x16.4" | LO | Low |
| | | ID | Indirect | 23 | 23.6"x20.5" | ME | Medium |
| | | DI | Direct/Indirect | 35 | 35.4"x30.7" | HI | High |
| | | X | None | 47 | 47.2"x40.9" | X | None |
| **5-COLOR TEMP.** | | **6-VOLTAGE** | | **7-FINISH** | | **8-ACOUSTIC FELT FINISH** | |
| 27 | 2700K | U | 110-277V | W | White | X | None |
| 30 | 3000K | HV | 347V | B | Black | Xxx | See Color Palette |
| 35 | 3500K | | | C | Custom (RAL#) | | |
| 40 | 4000K | | | | | | |
| 50 | 5000K | | | | | | |
| DT | Lutron T-series | | | | | | |
| X | None | | | | | | |
| RGB | RGB | | | | | | |
| RGBW | RGBW | | | | | | |
| D | Tunable White | | | | | | |
| **9-MOUNTING** | | **10-DRIVER OPTIONS** | | **11-OPTIONS** | | **12-OPTIONS (CONT.)** | |
| SM | Surface Mount | DM | 0-10V Dimming | RF-D | Remote Tunable (RF only) | EM | EM Battery (remote) |
| P | Pendant | 2C | 2 Channel | RF-R | Remote RGB/W (RF only) | X | None |
| | | DM1% | 1% Dimming | M | Motion Sensor (remote) | | |
| | | LT1 | LDE1 Lutron 1% | BM | BubblyNet BT Mesh | | |
| | | DA | Dali | CS | Casambi | | |
| | | DMX | DMX | AWNR | Lutron Athena Node | | |
| | | TR | Triac Dimming | AWNS | Lutron Athena Node sensor | | |
| | | RF | RF Wireless | NL-ES7 | nLight - Wired | | |
| | | X | None | NL-AIR | nLight - AIR | | |
| | | | | NL-M | nLight - Module only | | |
| | | | | X | None | | |

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|---|---|
| | Comments: |

## Fixture ID Details

| Code | Description |
|---|---|
| ASHP | Hexagon Panel |

## Lumen Output Details

### Direct

| Model # | Diameter | Output | Color Temp. | Wattage | Lumen Output |
|---|---|---|---|---|---|
| TECHOLED-ASHP-D-18-LO-30 | 18.9"x16.4" | Low | 3000K | 20W | 1700Lm |
| TECHOLED-ASHP-D-18-ME-30 | 18.9"x16.4" | Medium | 3000K | 25W | 2125Lm |
| TECHOLED-ASHP-D-18-HI-30 | 18.9"x16.4" | High | 3000K | 40W | 3400Lm |
| TECHOLED-ASHP-D-23-LO-30 | 23.6"x20.5" | Low | 3000K | 25W | 2125Lm |
| TECHOLED-ASHP-D-23-ME-30 | 23.6"x20.5" | Medium | 3000K | 40W | 3400Lm |
| TECHOLED-ASHP-D-23-HI-30 | 23.6"x20.5" | High | 3000K | 60W | 5100Lm |
| TECHOLED-ASHP-D-35-LO-30 | 35.4"x30.7" | Low | 3000K | 60W | 5100Lm |
| TECHOLED-ASHP-D-35-ME-30 | 35.4"x30.7" | Medium | 3000K | 90W | 7650Lm |
| TECHOLED-ASHP-D-35-HI-30 | 35.4"x30.7" | High | 3000K | 120W | 10200Lm |
| TECHOLED-ASHP-D-47-LO-30 | 47.2"x40.9" | Low | 3000K | 120W | 10200Lm |
| TECHOLED-ASHP-D-47-ME-30 | 47.2"x40.9" | Medium | 3000K | 180W | 15300Lm |
| TECHOLED-ASHP-D-47-HI-30 | 47.2"x40.9" | High | 3000K | 240W | 20400Lm |

Performance above applies to 90 CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K

### Direct/Indirect

| Model # | Diameter | Output | Color Temp. | Wattage | Down Lumen Out. | Up Lumen Out. |
|---|---|---|---|---|---|---|
| TECHOLED-ASHP-DI-18-LO-30 | 18.9"x16.4" | Low | 3000K | 40W | 2380Lm | 1020Lm |
| TECHOLED-ASHP-DI-18-ME-30 | 18.9"x16.4" | Medium | 3000K | 50W | 2975Lm | 1275Lm |
| TECHOLED-ASHP-DI-18-HI-30 | 18.9"x16.4" | High | 3000K | 80W | 4760Lm | 2040Lm |
| TECHOLED-ASHP-DI-23-LO-30 | 23.6"x20.5" | Low | 3000K | 50W | 2975Lm | 1275Lm |
| TECHOLED-ASHP-DI-23-ME-30 | 23.6"x20.5" | Medium | 3000K | 80W | 4760Lm | 2040Lm |
| TECHOLED-ASHP-DI-23-HI-30 | 23.6"x20.5" | High | 3000K | 120W | 7140Lm | 3060Lm |
| TECHOLED-ASHP-DI-35-LO-30 | 35.4"x30.7" | Low | 3000K | 80W | 4760Lm | 2040Lm |
| TECHOLED-ASHP-DI-35-ME-30 | 35.4"x30.7" | Medium | 3000K | 120W | 7140Lm | 3060Lm |
| TECHOLED-ASHP-DI-35-HI-30 | 35.4"x30.7" | High | 3000K | 180W | 10710Lm | 4590Lm |
| TECHOLED-ASHP-DI-47-LO-30 | 47.2"x40.9" | Low | 3000K | 180W | 10710Lm | 4590Lm |
| TECHOLED-ASHP-DI-47-ME-30 | 47.2"x40.9" | Medium | 3000K | 220W | 13090Lm | 5610Lm |
| TECHOLED-ASHP-DI-47-HI-30 | 47.2"x40.9" | High | 3000K | 240W | 14280Lm | 6120Lm |

Performance above applies to 90 CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K

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|---|---|
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## Indirect

| Model # | Diameter | Output | Color Temp. | Wattage | Lumen Output |
|---|---|---|---|---|---|
| TECHOLED-ASHP-ID-18-LO-30 | 18.9"x16.4" | Low | 3000K | 20W | 1700Lm |
| TECHOLED-ASHP-ID-18-ME-30 | 18.9"x16.4" | Medium | 3000K | 25W | 2125Lm |
| TECHOLED-ASHP-ID-18-HI-30 | 18.9"x16.4" | High | 3000K | 40W | 3400Lm |
| TECHOLED-ASHP-ID-23-LO-30 | 23.6"x20.5" | Low | 3000K | 25W | 2125Lm |
| TECHOLED-ASHP-ID-23-ME-30 | 23.6"x20.5" | Medium | 3000K | 40W | 3400Lm |
| TECHOLED-ASHP-ID-23-HI-30 | 23.6"x20.5" | High | 3000K | 60W | 5100Lm |
| TECHOLED-ASHP-ID-35-LO-30 | 35.4"x30.7" | Low | 3000K | 60W | 5100Lm |
| TECHOLED-ASHP-ID-35-ME-30 | 35.4"x30.7" | Medium | 3000K | 90W | 7650Lm |
| TECHOLED-ASHP-ID-35-HI-30 | 35.4"x30.7" | High | 3000K | 120W | 10200Lm |
| TECHOLED-ASHP-ID-47-LO-30 | 47.2"x40.9" | Low | 3000K | 120W | 10200Lm |
| TECHOLED-ASHP-ID-47-ME-30 | 47.2"x40.9" | Medium | 3000K | 180W | 15300Lm |
| TECHOLED-ASHP-ID-47-HI-30 | 47.2"x40.9" | High | 3000K | 240W | 20400Lm |

Performance above applies to 90 CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K

## Performance

| Output | Lumens / W |
|---|---|
| Low | 85 |
| Medium | 85 |
| High | 85 |

| Project: | Type: |
|---|---|
| | Comments: |

## Driver Option Details

| Code | Description |
|---|---|
| LT1 | **LDE1** -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming |
| DA | **DALI** |
| DMX | **DMX** - Decoder provided by TechoLED, controller by others |

## Controls Details

| Code | Description |
|---|---|
| RF-D | **RF Wireless** remote controller for tunable white. **Default for tunable white.** |
| RF-R | **RF Wireless** remote controller for RGB & RGBW. **Default for RGB & RGBW.** |
| M | **Motion Sensor** - remote, for integral sensor consult factory |
| BM | **Bluetooth Mesh** Smart Wireless Control by BubblyNet |
| CS | **Bluetooth Mesh** Smart Wireless Control by Casambi |
| AWNR | **Lutron Athena** wireless node |
| AWNS | **Lutron Athena** wireless node with sensor |
| NL-ES7 | **Acuity nLight** – Wired nES7 sensor |
| NL-AIR | **Acuity nLight** – AIR wireless rES7 sensor |
| NL-M | **Acuity nLight** - ready, sensor by others |

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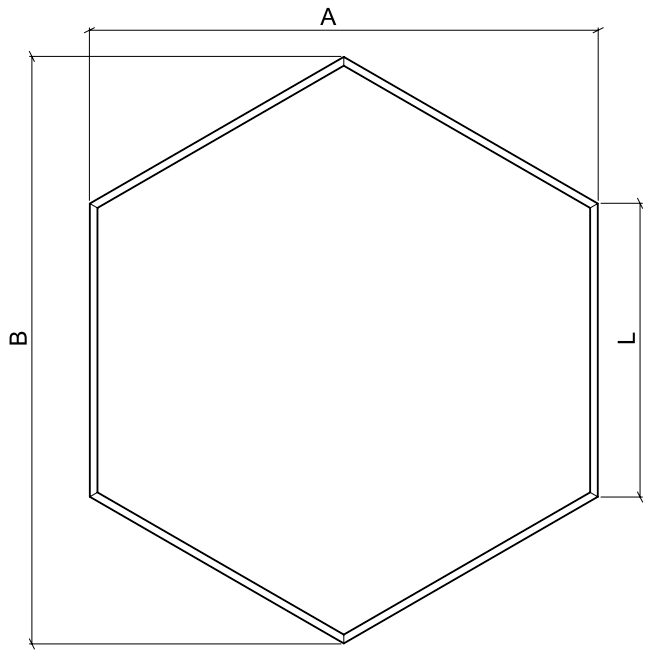
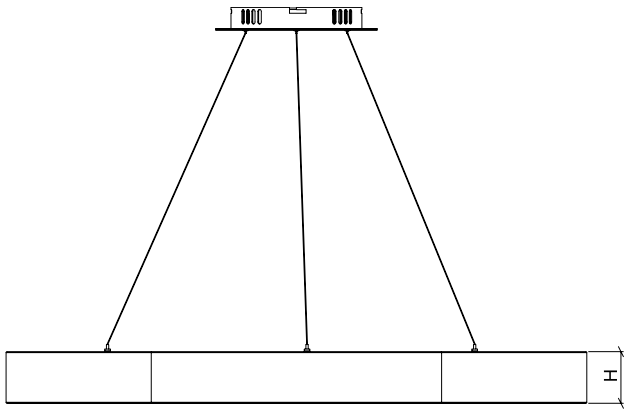
## Dimensions and Mounting



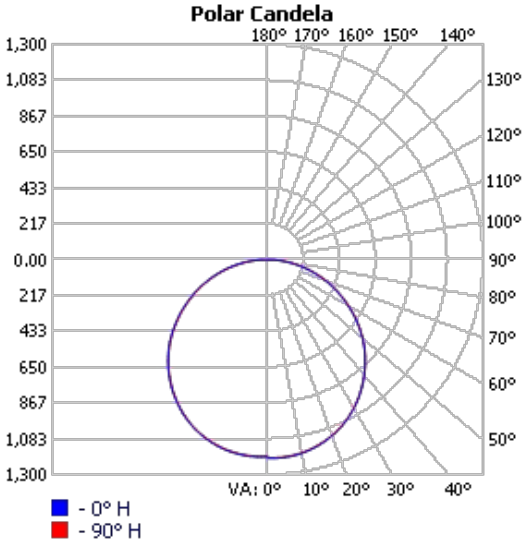




| FIXTURE ID | A | B | L | H |
|---|---|---|---|---|
| ASHP-D-18-25 | 16.4" | 18.9" | 9.45" | 3" |
| ASHP-D 23-40 | 20.5" | 23.6" | 11.8" | 3" |
| ASHP-D-35-90 | 30.7" | 35.4" | 17.7" | 3" |
| ASHP-D-47-180 | 40.9" | 47.2" | 23.6" | 3" |

| Project: | Type: |
|---|---|
| | Comments: |

## Photometrics

### Direct



| Project: | Type: |
| --- | --- |
| | Comments: |

## Examples



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## Finish Details (powder coat finish)

### Standard Colors


W – White


S – Silver


B – Black

### Custom Colors


RAL 1003


RAL 2004


RAL 3000


RAL 4001


RAL 5002


RAL 6000


RAL 6038


RAL 7001

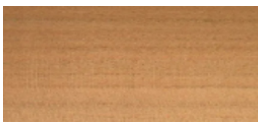

RAL 1036


RAL 8029

Any RAL color available, please refer to [ralcolorchart.com](ralcolorchart.com)

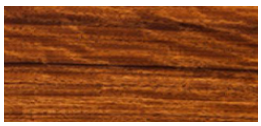
### Custom Wooden Colors


American Walnut


Cherry


Maple


Light Oak


Palisander Santos

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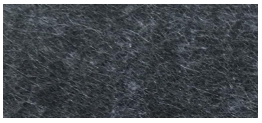
| --- | --- |
| | Comments: |

## Acoustic color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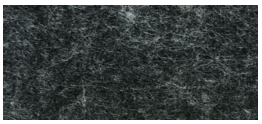
003


004


005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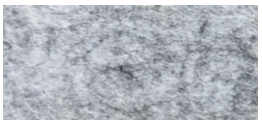
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019


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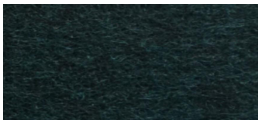
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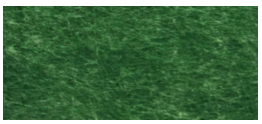
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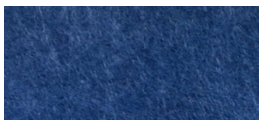
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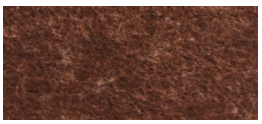
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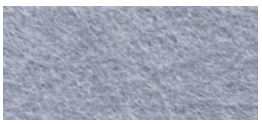
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034


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036


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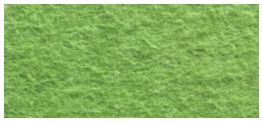
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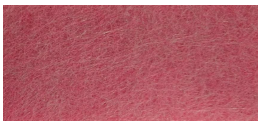
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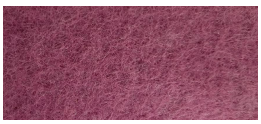
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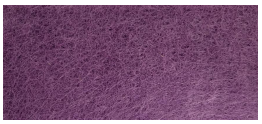
057

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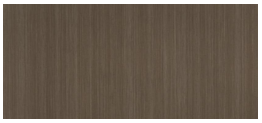
## Acoustic faux wood texture


045


046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