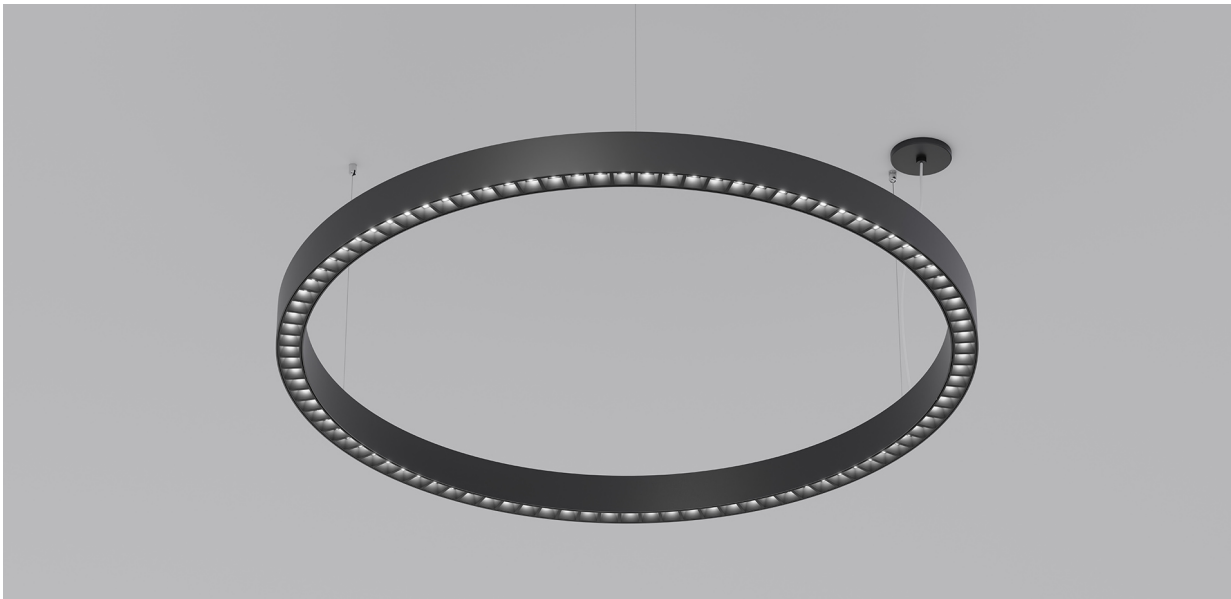


|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |



## Highlights

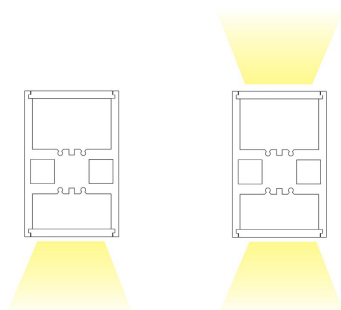
The Techoled HALO-LOUVER series features sleek, round LED luminaires made with high-grade aluminum extrusion and louvered optics. With multiple diameters (or custom sizes of your choice), these luminaires can be surface mounted or pendant. Additionally, the HALO series offers the flexibility of multiple fixtures hanging from a single canopy. A superb lighting solution for modern interiors.

**LED:** Bridgelux LED chips, 2700-5000K, tunable white and RGB/RGBW available, 90CRI, 100,000 hour rated lifespan. Custom lumen packages available.

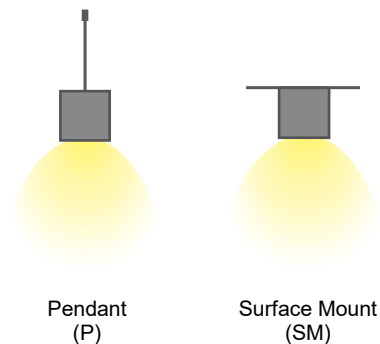
**Optical:** Direct and direct/indirect illumination, 110° beam angle, UGR<19 on lensed section, 50° beam angle and UGR<16 on louvered sections

**Construction:** Damp location listed, high grade aluminum extrusion, powder coat finish. Remote driver in canopy.

## Cross Section



## Installation



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

## Configuration Example

| Model #                      | Diameter | Output | Color Temp. | Voltage  | Color |
|------------------------------|----------|--------|-------------|----------|-------|
| TECHOLED-HALO-L-25-ME-30-U-W | 25.56"   | Medium | 3000K       | 110-277V | White |

## Ordering Guide:

Select one option from each group below. For a custom preference please contact [sales@techoled.com](mailto:sales@techoled.com)

| 1-FIXTURE ID                                                                                                                                                                                                   | 2-DISTRIBUTION                                                                                                                                                                                                                                                                                                                                                  | 3-DIAMETER                                                                    | 4-LUMEN OUTPUT                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------|
| <b>HALO-L</b> HALO-L                                                                                                                                                                                           | <b>D</b> Direct<br><b>DI</b> Direct/Indirect                                                                                                                                                                                                                                                                                                                    | <b>25</b> 25.56"<br><b>51</b> 51.18"                                          | <b>LO</b> Low<br><b>ME</b> Medium<br><b>HI</b> High |
| 5-COLOR TEMP.                                                                                                                                                                                                  | 6-VOLTAGE                                                                                                                                                                                                                                                                                                                                                       | 7-FINISH                                                                      | 8-MOUNTING                                          |
| <b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K<br><b>50</b> 5000K<br><b>RGB</b> RGB<br><b>RGBW</b> RGBW<br><b>D</b> Tunable White                                                    | <b>U</b> 110-277V<br><b>HV</b> 347V                                                                                                                                                                                                                                                                                                                             | <b>S</b> Silver<br><b>W</b> White<br><b>B</b> Black<br><b>C</b> Custom (RAL#) | <b>P</b> Pendant<br><b>SM</b> Surface Mount         |
| 9-DRIVER OPTIONS                                                                                                                                                                                               | 10-OPTIONS                                                                                                                                                                                                                                                                                                                                                      | 11-OPTIONS (CONT.)                                                            |                                                     |
| <b>DM</b> 0-10V Dimming<br><b>2C</b> 2 Channel<br><b>DM1%</b> 1% Dimming<br><b>LT1</b> LDE1 Lutron 1%<br><b>DA</b> Dali<br><b>DMX</b> DMX<br><b>TR</b> Triac Dimming<br><b>RF</b> RF Wireless<br><b>X</b> None | <b>RF-D</b> Remote Tunable (RF only)<br><b>RF-R</b> Remote RGB/W (RF only)<br><b>M</b> Motion Sensor (remote)<br><b>BM</b> BubblyNet BT Mesh<br><b>CS</b> Casambi<br><b>AWNR</b> Lutron Athena Node<br><b>AWNS</b> Lutron Athena Node sensor<br><b>NL-ES7</b> nLight - Wired<br><b>NL-AIR</b> nLight - AIR<br><b>NL-M</b> nLight - Module only<br><b>X</b> None | <b>EM</b> EM Battery (remote)<br><b>X</b> None                                |                                                     |

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

## Lumen Output Details

### Louver Section

| Model #                  | Diameter | Output | Lumens / fixture | Lumens / W |
|--------------------------|----------|--------|------------------|------------|
| TECHOLED-HALO-L-25-LO-30 | 25.56"   | Low    | 4496             | 104        |
| TECHOLED-HALO-L-25-ME-30 | 25.56"   | Medium | 5904             | 102        |
| TECHOLED-HALO-L-25-HI-30 | 25.56"   | High   | 7320             | 101        |
| TECHOLED-HALO-L-51-LO-30 | 51.18"   | Low    | 8992             | 104        |
| TECHOLED-HALO-L-51-ME-30 | 51.18"   | Medium | 11808            | 102        |
| TECHOLED-HALO-L-51-HI-30 | 51.18"   | High   | 14640            | 101        |

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

### Diffuser Section (Direct)

| Model #                    | Diameter | Output | Lumens / fixture | Lumens / W |
|----------------------------|----------|--------|------------------|------------|
| TECHOLED-HALO-L-25-D-LO-30 | 25.56"   | Low    | 1592             | 80         |
| TECHOLED-HALO-L-25-D-ME-30 | 25.56"   | Medium | 3072             | 73         |
| TECHOLED-HALO-L-25-D-HI-30 | 25.56"   | High   | 4321             | 80         |
| TECHOLED-HALO-L-51-D-LO-30 | 51.18"   | Low    | 3187             | 80         |
| TECHOLED-HALO-L-51-D-ME-30 | 51.18"   | Medium | 6159             | 80         |
| TECHOLED-HALO-L-51-D-HI-30 | 51.18"   | High   | 8663             | 80         |

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

### Diffuser Section (Direct/Indirect)

| Model #                     | Diameter | Output | Lumens / fixture | Lumens / W |
|-----------------------------|----------|--------|------------------|------------|
| TECHOLED-HALO-L-25-DI-LO-30 | 25.56"   | Low    | 1344             | 80         |
| TECHOLED-HALO-L-25-DI-ME-30 | 25.56"   | Medium | 2609             | 73         |
| TECHOLED-HALO-L-25-DI-HI-30 | 25.56"   | High   | 3659             | 85         |
| TECHOLED-HALO-L-51-DI-LO-30 | 51.18"   | Low    | 2691             | 80         |
| TECHOLED-HALO-L-51-DI-ME-30 | 51.18"   | Medium | 5222             | 73         |
| TECHOLED-HALO-L-51-DI-HI-30 | 51.18"   | High   | 7324             | 85         |

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

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

## Driver Option Details

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

## Controls Details

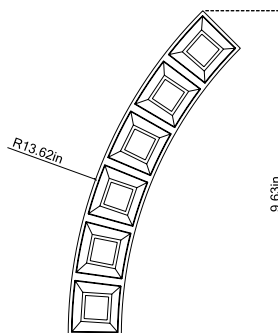
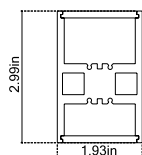
| Code   | Description                                                                               |
|--------|-------------------------------------------------------------------------------------------|
| RF-D   | <b>RF Wireless</b> remote controller for tunable white. <b>Default for tunable white.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

## Options (cont.) Details

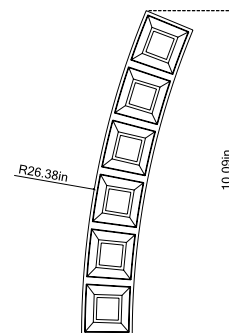
| Code | Description                       |
|------|-----------------------------------|
| EM   | Emergency Battery Backup (remote) |

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

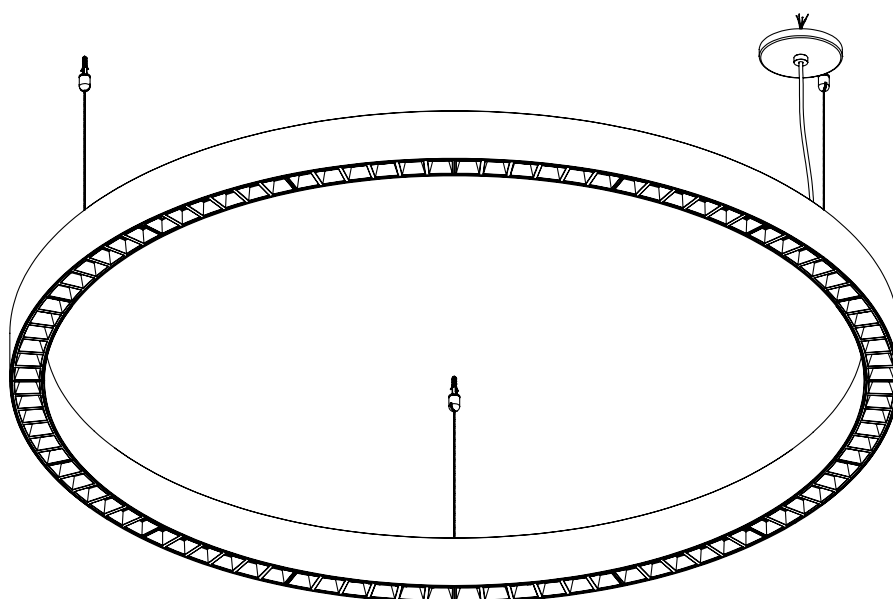
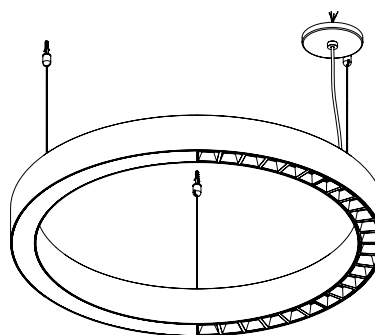
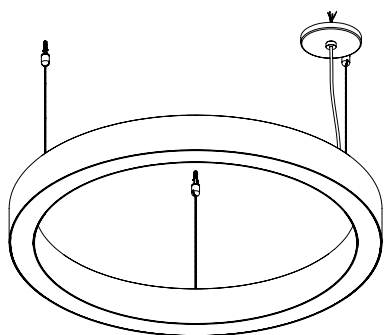
## Dimension and Mounting



45° - 25.56"



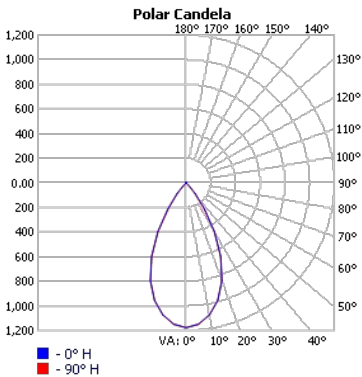
22.5° - 51.18"



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

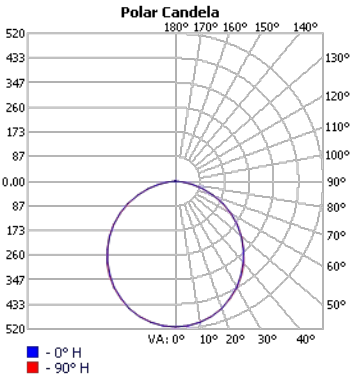
Photometrics

Louver Section

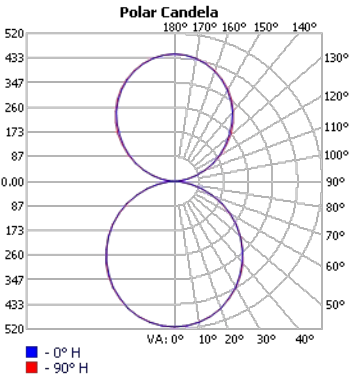


TECHOLED-HALO-L-D

Diffuser Section



TECHOLED-HALO-L-D

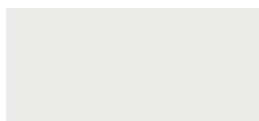


TECHOLED-HALO-L-DI

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

## **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](http://ralcolorchart.com)

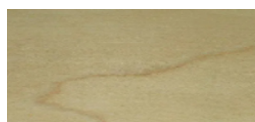
### **Custom Wooden Colors**



American Walnut



Cherry



Maple



Light Oak

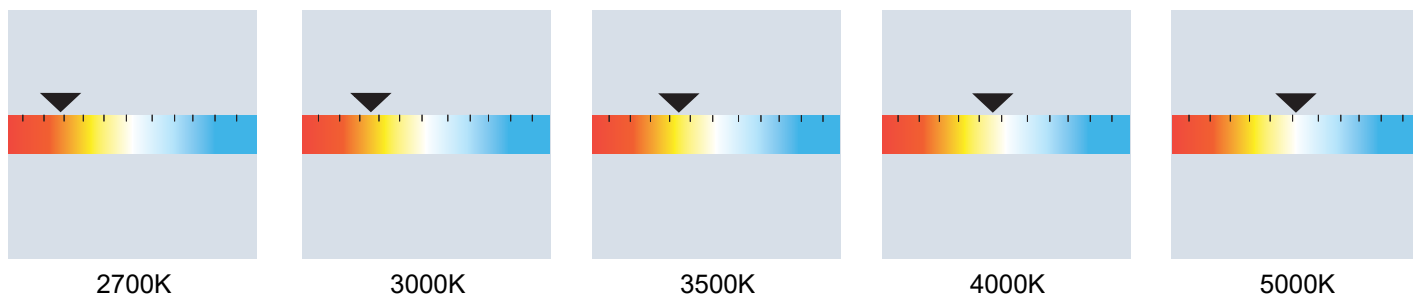


Palisander Santos

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

### Color Temperature

#### Color Temperature



#### Tunable White

