

# ACME SEMI

## Φ50 Engine

### Trimless Adjustable Round Downlight



CUTOUT:50mm



Adjustable Optic



#### Accessories can be ordered separately

##### Light Engine



SKU : EN-50

##### Mini-Trim

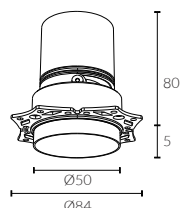
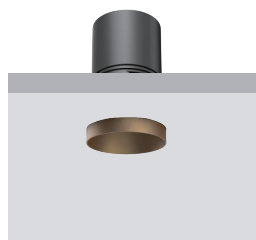


SKU : BZ-50-TL

##### Semi Baffle



SKU : BF-50-M



#### Standard

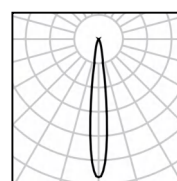


#### Curated Finishes (MOQ 20 applies)



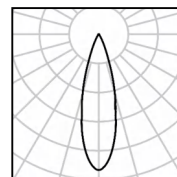
|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| <b>IP Rating:</b>       | IP44 front                                            |
| <b>Optics:</b>          | 15°/24°/36°                                           |
| <b>UGR:</b>             | <10                                                   |
| <b>CRI/RF/RG/R9:</b>    | typ. 98/95/104/97                                     |
| <b>Lifetime:</b>        | 50,000 hrs (L90 B10)                                  |
| <b>CCT:</b>             | 2700K / 3000K / 3500K / 4000K / 2700K-6000K           |
| <b>Typical Source</b>   |                                                       |
| <b>Efficacy (lm/W):</b> | 110                                                   |
| <b>Control:</b>         | On/off, Phase Cut, 0/1-10V, Dali, Zigbee, Casambi     |
| <b>Binning</b>          | 2 Step MacAdams                                       |
| <b>Input:</b>           | AC220-240V 50/60Hz                                    |
| <b>Output:</b>          | DC 36V 100mA 4W<br>DC 36V 150mA 6W<br>DC 36V 200mA 8W |

|                              |                                                                            |
|------------------------------|----------------------------------------------------------------------------|
| <b>Ambient temp:</b>         | -20 °C to 25 °C                                                            |
| <b>Class:</b>                | III                                                                        |
| <b>Optional accessories:</b> | Honeycomb, Elliptical Lens, Solite lens                                    |
| <b>Material:</b>             | Fine aluminium 6063A                                                       |
| <b>Certifications:</b>       | CB, CE, RoHS, ERP, UKCA, GLOBAL MARK, 60-MININUT FIRE RESISTANCE, CCC, BIS |



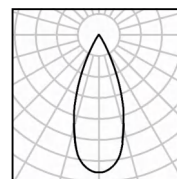
8W Ra98 3000K 15°

| h(m) | E(lx) | D(m) |
|------|-------|------|
| 0.5  | 8156  | 0.16 |
| 1.0  | 2039  | 0.32 |
| 1.5  | 906   | 0.49 |
| 2.0  | 510   | 0.65 |
| 2.5  | 326   | 0.81 |
| 3.0  | 227   | 0.97 |



8W Ra98 3000K 24°

| h(m) | E(lx) | D(m) |
|------|-------|------|
| 0.5  | 5690  | 0.20 |
| 1.0  | 1423  | 0.41 |
| 1.5  | 632   | 0.61 |
| 2.0  | 356   | 0.81 |
| 2.5  | 228   | 1.02 |
| 3.0  | 158   | 1.22 |



8W Ra98 3000K 36°

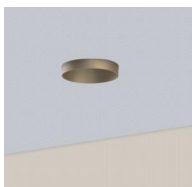
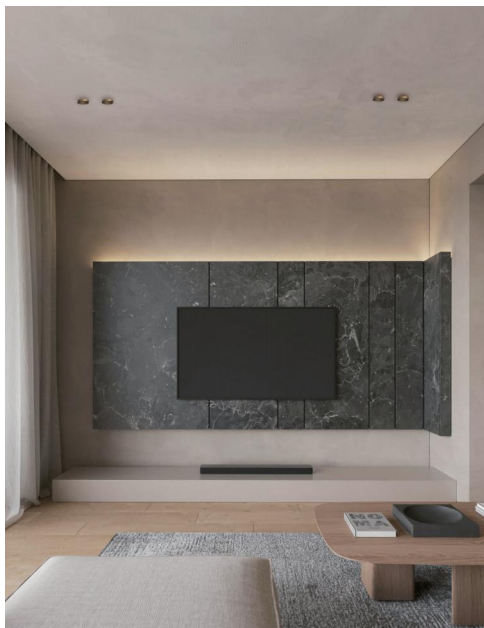
| h(m) | E(lx) | D(m) |
|------|-------|------|
| 0.5  | 1882  | 0.33 |
| 1.0  | 470   | 0.66 |
| 1.5  | 209   | 0.99 |
| 2.0  | 118   | 1.32 |
| 2.5  | 75    | 1.64 |
| 3.0  | 52    | 1.97 |



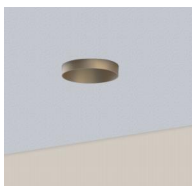
### Code example:

#### **AFL 50 08W- M -TL -30 N 36-TB B H**

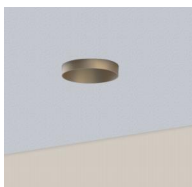
AFL/ adjustable  
 50 / cutout 50mm  
 08W / system power  
 M / semi baffle  
 TL / trimless  
 30 / 3000K  
 N / non dim  
 36 / beam angle 36°  
 TB / trimless bezel  
 B / black baffle  
 H/ Honeycomb (Optional)



| W System | Lm System | Optics | Code                |
|----------|-----------|--------|---------------------|
| 4W       | 270       | 15°    | AFL5004W-M-TL-30N15 |
| 4W       | 303       | 24°    | AFL5004W-M-TL-30N24 |
| 4W       | 333       | 36°    | AFL5004W-M-TL-30N36 |



| W System | Lm System | Optics | Code                |
|----------|-----------|--------|---------------------|
| 6W       | 395       | 15°    | AFL5006W-M-TL-30N15 |
| 6W       | 446       | 24°    | AFL5006W-M-TL-30N24 |
| 6W       | 493       | 36°    | AFL5006W-M-TL-30N36 |



| W System | Lm System | Optics | Code                |
|----------|-----------|--------|---------------------|
| 8W       | 506       | 15°    | AFL5008W-M-TL-30N15 |
| 8W       | 577       | 24°    | AFL5008W-M-TL-30N24 |
| 8W       | 635       | 36°    | AFL5008W-M-TL-30N36 |