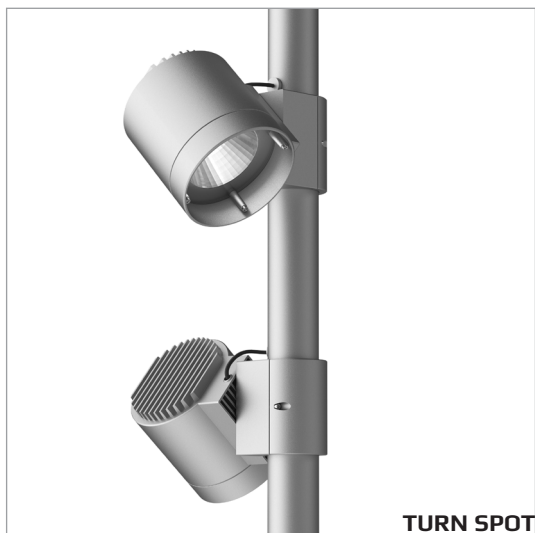


# Turn

Design: FRIIS & MOLTKE Design



**Turn** by Friis & Moltke Design is a new brand in the Focus program.

The luminaires in cast aluminium have silk-edged shades in clear glass. The housing is completed by a long ring in cast aluminium or a short, opal-white acrylate ring.

**Turn** is available as a spot with reflector or with optics for asymmetrical light.

**Turn Spot** is equipped with a long ring in cast aluminium for cut-off and antiglare.

**Turn Spot Halo** is equipped with a short, opal-white acrylate ring, opening the luminaire and offering optical guidance.

Both spots are equipped with reflector and LED with light distribution in three angles: narrow (12°), medium (19°), and wide (38°).

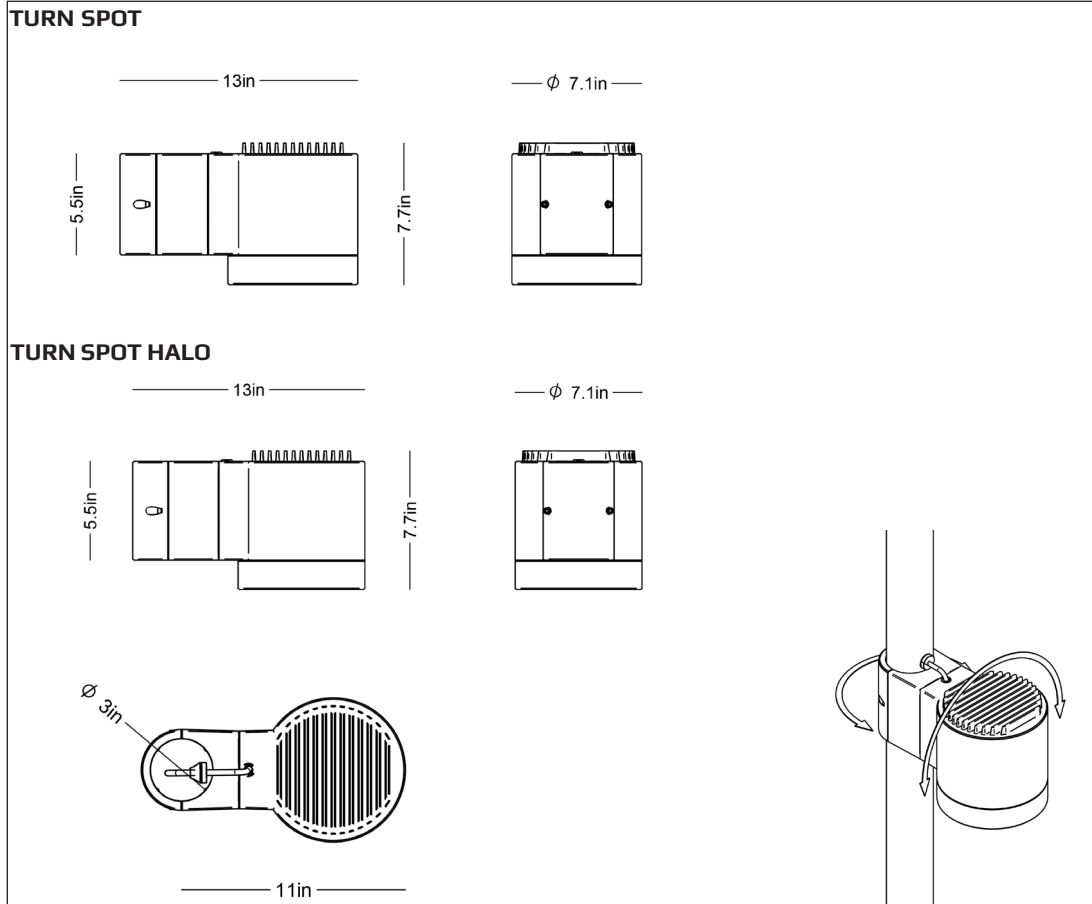
The spots can be adjusted horizontally around the post and vertically in the bracket. When holes have been bored in the post, the spots can be turned 90 degrees to both sides.

**Turn Street Halo** is available in one version only. The closing with the short, opal-white ring opens up for asymmetrical light onto cycling lanes and pedestrian areas.

The street luminaire will be equipped with programmed LED and lenses for asymmetrical light.

# Turn Spot + Turn Spot Halo

Design: FRIIS & MOLTKE Design



## Luminaire specs:

|                     |                                                                                                                                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material:           | Cast aluminium                                                                                                                                                                     |
| Turn Spot:          | Cast aluminium                                                                                                                                                                     |
| Turn Spot Halo:     | Cast aluminium and opal-white acrylate                                                                                                                                             |
| Coating:            | Raw anodized<br>Graphite grey: YW355F, Akzo Nobel<br>Silver grey: Y2370I, Akzo Nobel<br>Corten brown: YX355F, Akzo Nobel<br>Black textured mat: Noir 900 Sablé, SN351F, Akzo Nobel |
| Shade:              | Clear glass with silked edge,<br>Honeycomb filter optional                                                                                                                         |
| Mounting:           | Post top/pipe: Ø3 in, Ø2,4 in with adaptor, Ø2.4-Ø3.5 in, Ø3.5-Ø4.7 inch                                                                                                           |
| Connection:         | In the post, 26.2 SJTW5xAWG18, is included                                                                                                                                         |
| Classification:     | IP66, class II                                                                                                                                                                     |
| Impact resistance:  | IK08                                                                                                                                                                               |
| Corrosion class:    | C4, C5 optional                                                                                                                                                                    |
| Weight:             | 13 lbs/ 12 lbs (Turn Spot Halo)                                                                                                                                                    |
| Wind sweeping area: | 0,61 ft²/ 0,57 ft² (Turn Spot Halo)                                                                                                                                                |

## LED specs:

|                    |                                                 |
|--------------------|-------------------------------------------------|
| LED:               | Bridgelux COB                                   |
| Beam angles:       | wide (38°) or medium (19°)                      |
| Operational life:  | min 100,000 hours at ta max 77°F (25°C), L90B10 |
| Color temperature: | 2700, 3000, or 4000 Kelvin                      |
| Color rendering:   | CRI 80                                          |
| Color accuracy:    | 3 steps SDCM                                    |

## Driver specs:

|                        |                                                                              |
|------------------------|------------------------------------------------------------------------------|
| Driver:                | Inventronic 30W 55-1050mA                                                    |
| Inrush current:        | @120V; max 21,4 A (10% after 280 µs)<br>@277V; max 51,5 A (10% after 274 µs) |
| Nominal voltage, AC:   | 120-277 Vac                                                                  |
| Op. input voltage, AC: | 90-305 Vac                                                                   |
| Nominal voltage, DC:   | 127-300 Vdc                                                                  |
| Nom. frequency range:  | 50-60 Hz                                                                     |
| Surge protection:      | L/N-GND: 6 k; L-N: 4 kV                                                      |
| Operational life:      | min 100,000 hours                                                            |
| Dimming/control:       | 0-10V                                                                        |
| Other control options: | /                                                                            |

## Spec-sheet - Turn Spot Wide

### Product Info

| Item No | Wattage | Current | 2700K   | 3000K   | 4000K   | BUG      | lm/W    |
|---------|---------|---------|---------|---------|---------|----------|---------|
| US6003  | 20W     | 600 mA  | 2673 lm | 2840 lm | 2924 lm | B3 U0 G0 | 134-146 |
| US6004  | 33W     | 900 mA  | 3925 lm | 4170 lm | 4293 lm | B3 U0 G0 | 119-130 |

### Variant codes

| Color                       | Corrosion Class   | Color Temp/CRI       | Supply Voltage       | Controls   | Filter            | Mounting           |
|-----------------------------|-------------------|----------------------|----------------------|------------|-------------------|--------------------|
| 01<br>RAW anodized          | C4<br>C4 Standard | 827<br>2700K, 80 CRI | W<br>120-277 (60 Hz) | V<br>0-10V | H<br>No honeycomb | B1<br>3.0 inch     |
| 17<br>Corten brown          | C5<br>C5 Coastal  | 830<br>3000K, 80 CRI |                      |            | H1<br>Honeycomb   | B2<br>2.4-3.5 inch |
| 4<br>Graphite grey          |                   | 840<br>4000K, 80 CRI |                      |            |                   | B3<br>3.5-4.7 inch |
| 66<br>Black textured<br>mat |                   |                      |                      |            |                   |                    |
| 9<br>Silver grey            |                   |                      |                      |            |                   |                    |
| RAL<br>other RAL colors     |                   |                      |                      |            |                   |                    |