



PHOS  
ENGINEERING LIGHT

EYECONIC RECESSED SQUARE TRIMLESS FIXED  
STANDARD

## EYECONIC RECESSED SQUARE TRIMLESS FIXED - STANDARD

The Eyeconic Recessed Square Trimless Fixed is a recessed, fixed downlight with a 60x60mm aperture and features a beautifully sculpted anti-glare baffle with a trimless plaster-in frame.

### PRODUCT FEATURES

Downlight

Fixed

Interior

LED

IP65

Available in all Phos finishes

Interchangeable optics & accessories (pre & post install)

### PHOS STANDARDS

60min fire-certified

Acoustic-rated

UK designed, manufactured and assembled

5 year warranty

### OPTICS

Standard beam angles:  
10° / 20° / 30° / 50°

Ellipsoidal accessories using:

10° optic: 14.8° x 53.2°

20° optic: 24.1° x 58.8°

30° optic: 37.5° x 66.3°

50° optic: 45.8° x 72.6°

### PHYSICAL PROPERTIES

Diameter  $\varnothing$ 113mm

Height 76mm (4W/9W)

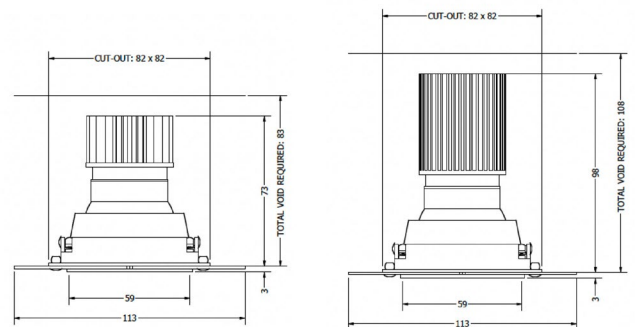
Height 101mm (14W)

Cut-out 82 X82

### PRODUCT VIEW



### DIMENSIONS



4W & 9W

14W

### DRIVER INFORMATION

[Driver Configurator \(Link\)](#)

## TECHNICAL SPECIFICATIONS

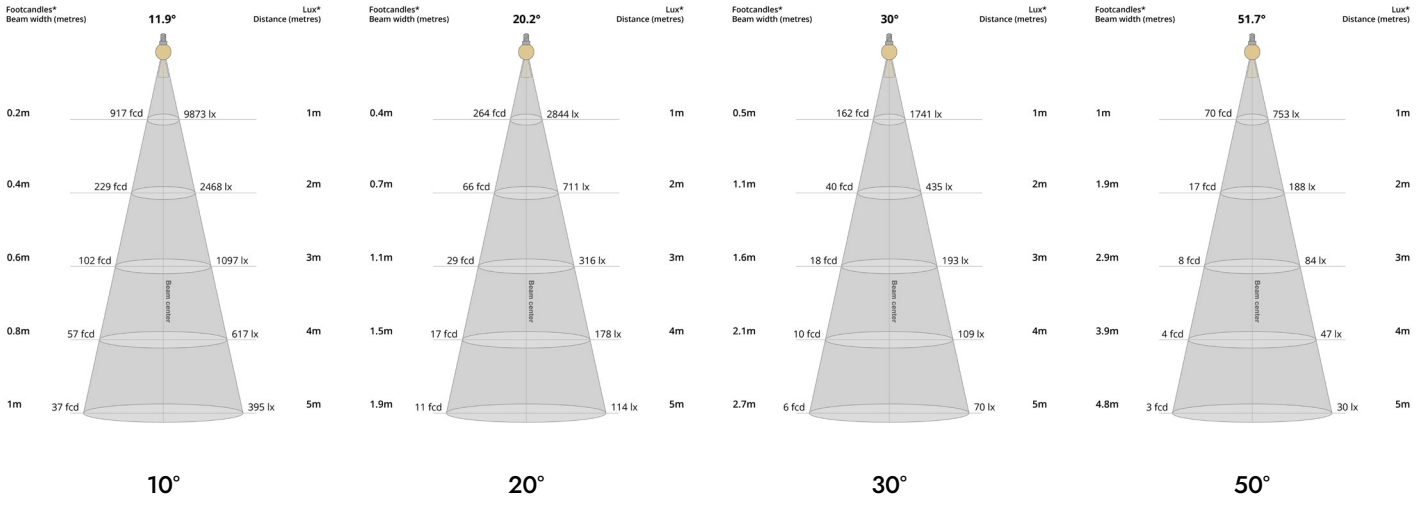
| CCT                       | 2700K |      |     |     |       |      |      |      |       |      |      |      |
|---------------------------|-------|------|-----|-----|-------|------|------|------|-------|------|------|------|
|                           | 4W    |      |     |     | 9W    |      |      |      | 14W   |      |      |      |
| Wattage                   |       |      |     |     |       |      |      |      |       |      |      |      |
| Beam Angles               | 10°   | 20°  | 30° | 50° | 10°   | 20°  | 30°  | 50°  | 10°   | 20°  | 30°  | 50°  |
| Luminaire Lumens (lm)     | 348   | 303  | 296 | 310 | 572   | 489  | 485  | 504  | 732   | 650  | 630  | 669  |
| Circuit Watts (c/W)       | 6     | 6    | 5.9 | 5.9 | 10.8  | 10.5 | 10.5 | 10.5 | 16.2  | 15.5 | 15.5 | 15.5 |
| Luminaire Efficacy (l/cW) | 58    | 51   | 50  | 52  | 53    | 47   | 46   | 48   | 45    | 42   | 41   | 43   |
| Luminance (Cd)            | 5820  | 1521 | 888 | 381 | 9592  | 2507 | 1476 | 632  | 13460 | 3321 | 1969 | 832  |
| Forward Voltage (Vf)      | 11.78 |      |     |     | 12.36 |      |      |      | 12.65 |      |      |      |
| Current (mA)              | 350   |      |     |     | 700   |      |      |      | 1050  |      |      |      |

| CCT                       | 3000K |      |      |     |       |      |      |      |       |      |      |      |
|---------------------------|-------|------|------|-----|-------|------|------|------|-------|------|------|------|
|                           | 4W    |      |      |     | 9W    |      |      |      | 14W   |      |      |      |
| Wattage                   |       |      |      |     |       |      |      |      |       |      |      |      |
| Beam Angles               | 10°   | 20°  | 30°  | 50° | 10°   | 20°  | 30°  | 50°  | 10°   | 20°  | 30°  | 50°  |
| Luminaire Lumens (lm)     | 378   | 342  | 336  | 355 | 635   | 580  | 564  | 597  | 893   | 772  | 772  | 801  |
| Circuit Watts (c/W)       | 5.9   | 5.9  | 5.9  | 5.9 | 10.6  | 10.5 | 10.6 | 10.5 | 15.8  | 15.7 | 15.7 | 15.6 |
| Luminaire Efficacy (l/cW) | 64    | 58   | 57   | 61  | 60    | 55   | 54   | 57   | 57    | 49   | 49   | 51   |
| Luminance (Cd)            | 5827  | 1674 | 1018 | 442 | 9895  | 2855 | 1745 | 753  | 14115 | 4027 | 2529 | 1031 |
| Forward Voltage (Vf)      | 11.78 |      |      |     | 12.36 |      |      |      | 12.65 |      |      |      |
| Current (mA)              | 350   |      |      |     | 700   |      |      |      | 1050  |      |      |      |

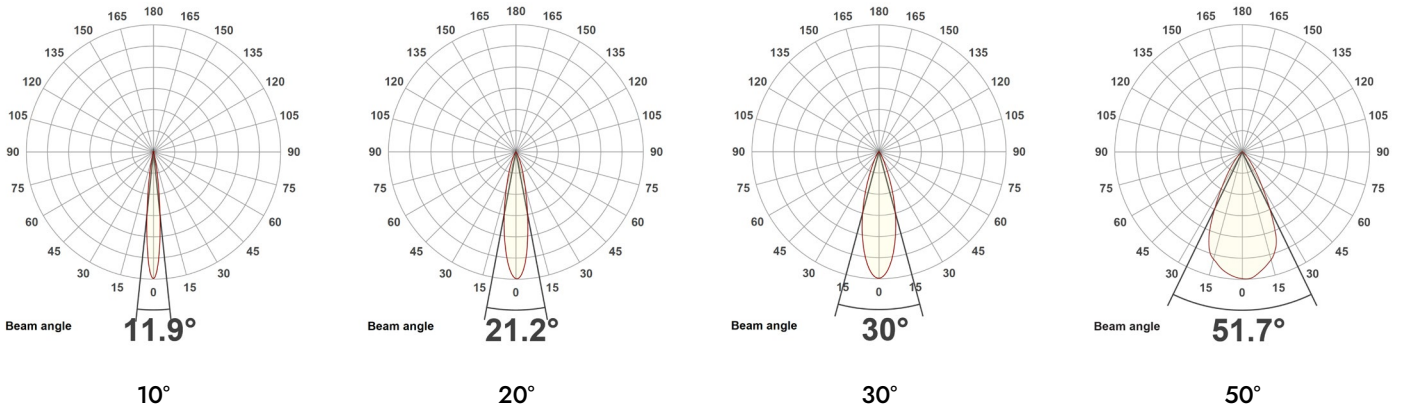
|                              |                                                                  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------|------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Binning                      | 2 step MacAdams                                                  |  |  |  |  |  |  |  |  |  |  |  |
| CRI                          | 90+                                                              |  |  |  |  |  |  |  |  |  |  |  |
| TM-30-15                     | Rg 101 Rf 90                                                     |  |  |  |  |  |  |  |  |  |  |  |
| Lumen Maintenance            | LM80                                                             |  |  |  |  |  |  |  |  |  |  |  |
| Lifetime                     | 50,000 hours                                                     |  |  |  |  |  |  |  |  |  |  |  |
| Dimming Options              | Mains dim / Non-dim / 0-10V / DALI (dim to dark 0.01%) / Casambi |  |  |  |  |  |  |  |  |  |  |  |
| Flicker Index                | 0                                                                |  |  |  |  |  |  |  |  |  |  |  |
| SVM: (Visual Flicker)        | 0.02                                                             |  |  |  |  |  |  |  |  |  |  |  |
| Driver distance from fitting | Up to 10m (AWG 20)*                                              |  |  |  |  |  |  |  |  |  |  |  |
| Wiring Type                  | Series                                                           |  |  |  |  |  |  |  |  |  |  |  |
| Accessories                  | Remote emergency (Maintained / Self Test)                        |  |  |  |  |  |  |  |  |  |  |  |

\*If driver distance from fitting is +10m see driver configurator document for guidance

## LIGHT CONES



## POLAR CURVES



## LUMINAIRE PARTCODE BUILDER

Example Code: EY-TF-WT-STD14-30-90-20-1050

| Family                | Variant                     | Inner Baffle Finish         | Engine                 | Power              | CCT                | CRI       | Beam Angle | Driver Current |
|-----------------------|-----------------------------|-----------------------------|------------------------|--------------------|--------------------|-----------|------------|----------------|
| <b>EY</b><br>Eyeconic | <b>TF</b><br>Trimless Fixed | <b>WT</b><br>White Textured | <b>STD</b><br>Standard | <b>4</b><br>Watts  | <b>27</b><br>2700K | <b>90</b> | <b>10</b>  | <b>350</b>     |
|                       |                             |                             |                        | <b>9</b><br>Watts  | <b>30</b><br>3000K |           | <b>20</b>  | <b>700</b>     |
|                       |                             |                             |                        | <b>14</b><br>Watts | <b>40</b><br>4000K |           | <b>30</b>  | <b>1050</b>    |
|                       |                             | <b>*C</b><br>Custom         |                        |                    |                    |           | <b>50</b>  |                |

## FRAME PARTCODE BUILDER

Example Code: TFR-RSQ-WT/WT/B1

| Variant                                          | Frame Finish                | Bezel Finish                | Socket Finish               |
|--------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>TFR-RSQ</b><br>Trimless Recessed Square Frame | <b>WT</b><br>Textured White | <b>WT</b><br>White Textured | <b>B1</b><br>Anodised Black |
|                                                  | <b>B1</b><br>Anodised Black | <b>B1</b><br>Anodised Black |                             |
|                                                  | <b>*C</b><br>Custom         | <b>*C</b><br>Custom         |                             |

\*Codes for custom finishes can be found on the page 7.

**ACCESSORIES** (multiple inserts available per fitting)



Commissioning Tool (Plastic)  
ACCS-TOOL-P-BAFFLE



SNOOT  
ACCS-SNOOT



Honeycomb Recessed  
ACCS-RECESSED-HCOMB



Honeycomb Flush  
ACCS-FLUSH-HCOMB



Softening Insert Recessed  
ACCS-RECESSED-SOFT



Softening Insert Flush  
ACCS-FLUSH-SOFT



Opal Insert Recessed  
ACCS-RECESSED-OPAL



Opal Insert Flush  
ACCS-FLUSH-OPAL



Elliptical Insert Recessed  
ACCS-RECESSED-10X60ELLIPTICAL



Elliptical Insert Flush  
ACCS-FLUSH-10X60ELLIPTICAL



Colour Change Insert Recessed  
ACCS-RECESSED-FILTER18K  
ACCS-RECESSED-FILTER22K  
ACCS-RECESSED-FILTER24K  
ACCS-RECESSED-FILTER25K



Colour Change Insert Flush  
ACCS-FLUSH-FILTER18K  
ACCS-FLUSH-FILTER22K  
ACCS-FLUSH-FILTER24K  
ACCS-FLUSH-FILTER25K

## FINISHES

Every element of your light can be finished in any of the options below:

### PLATED (Interior ONLY)



Antique Bronze  
01



Antique Brass  
02



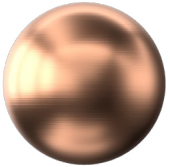
Polished Chrome  
03



Satin Nickel  
04



Polished Copper  
05



Satin Copper  
06



Polished Brass  
09

### ANODISED (Interior ONLY, except Orba Exteriors)



Tuba Brass  
11



Antique Gold  
12



Espresso Bronze  
13



Cocoa Bronze  
14



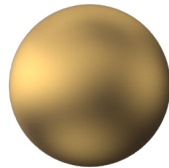
Ice Gold  
15



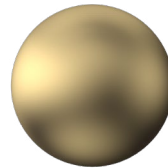
Mocha Bronze  
16



Taupe Bronze  
17



24K Gold  
18



Champagne Gold  
19



Anodised Black (9005)  
B1

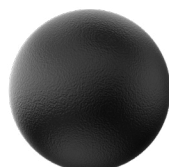
### POWDER COAT (Interior & Exterior)



Pure White (9010)  
W1



Textured White (9010)  
WT



Textured Black (9005)  
BT



RAL Classic  
[www.phos.co.uk/finishes](http://www.phos.co.uk/finishes)



RAL Design  
price on application