# **ZANEEN**<sub>®</sub>

## **EYES 17 FOR HANDRAIL RECESSED**

## E12R0008-

base number Color Temperature Options

1. To build a product code in our configurator select the specify button on the base model # product page

Reflector

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

| Series: Eyes Handrail                       |
|---|
| Subseries: Eyes 17 for Handrail             |
| Brand: Unonovesette                         |
| Division: Exterior                          |
| Mounting Type: Recessed                     |
| Mounting Location: Handrail                 |
| Subcategory: Marker                         |
| PHYSICAL                                    |
| Shape: Round                                |
| Diameter (mm): 17                           |
| Diameter (in): 11/16                        |
| Depth (mm): 17                              |
| Depth (in): 11/16                           |
| Light Distribution: Direct                  |
| Weight (kg): 0.13                           |
| Installation Requirement: Fixing springs    |
| Diffuser: Extra clear glass 4mm             |
| Fixture Finish: PSS                         |
| Fixture Material: Stainless Steel AISI 316L |
| Cable Details: 200 cm 2x0,5 mm2             |
| Cut-out Measurements: 15mm / 9/16"          |
|   |

#### ELECTRICAL

| Lamp Type: LED  |    |
|---|----|
| nput Wattage (W): 2.33  |    |
| Total Output Wattage (W): 1.05                                      |    |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-1<br>Dimming | 0V |
| Driver Included: No   |    |
| Driver Location: Remote   |    |
| Driver Type: Constant Current - Universal                           |    |
| Driver Class: Class 2   |    |
| Housing: ENCP4  |    |
| nput Voltage (V): 120 - 277   |    |
| Output Voltage (V): 24  |    |
| Constant Current (MA): 350  |    |

#### LED Number of CDe 1

| Number of LEDS: 1                      |
|--|
| Color Temperature (°K): 2700 / 3000    |
| Max. Delivered Lumen (lm): 124 (3000K) |
| Nominal Lumen (lm): 150 (3000K)        |
| CRI: >90 CRI                           |
| Lamp Life (hrs): 50000                 |
| OPTICAL                                |

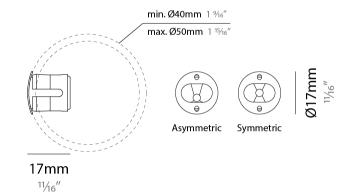
#### Reflector°: Assymetric / Symetric

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP67 Marine Grade: Stainless Steel AISI 316L PROJECT TYPE SPECIFIER QUANTITY DATE





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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

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# **ZANEEN**<sub>®</sub>

## **EYES 17 FOR HANDRAIL RECESSED**

## E12R0014-

base number

Reflector Color Temperature Options

1. To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

| Series: Eyes Handrail                       |
|---|
| Subseries: Eyes 17 for Handrail             |
| Brand: Unonovesette                         |
| Division: Exterior                          |
| Mounting Type: Recessed                     |
| Mounting Location: Handrail                 |
| Subcategory: Marker                         |
| PHYSICAL                                    |
| Shape: Round                                |
| Diameter (mm): 17                           |
| Diameter (in): 11/16                        |
| Depth (mm): 17                              |
| Depth (in): 11/16                           |
| Light Distribution: Direct                  |
| Weight (kg): 0.13                           |
| Installation Requirement: Fixing springs    |
| Diffuser: Extra clear glass 4mm             |
| Fixture Finish: PSS                         |
| Fixture Material: Stainless Steel AISI 316L |
| Cable Details: 200 cm 2x0,5 mm2             |
| Cut-out Measurements: 15mm / 9/16"          |
|   |

#### ELECTRICAL

| Lamp Type: LED  |
|---|
| Input Wattage (W): 2.33   |
| Total Output Wattage (W): 1.05  |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V<br>Dimming |
| Driver Included: No   |
| Driver Location: Remote   |
| Driver Type: Constant Current - Universal                             |
| Driver Class: Class 2   |
| Housing: ENCP4  |
| Input Voltage (V): 120 - 277  |
| Output Voltage (V): 24  |
| Constant Current (MA): 350  |

#### LED

| Color Temperature (°K): 2700 / 3000    |  |
|--|--|
| Max. Delivered Lumen (lm): 124 (3000K) |  |
| Nominal Lumen (lm): 150 (3000K)        |  |
| CRI: >90 CRI                           |  |
| Lamp Life (hrs): 50000                 |  |

## Reflector°: Assymetric / Symetric

#### **RATINGS AND CERTIFICATIONS**

| Certified By: Certified for North American Standards |
|--|
| ID rating: IDC7                                      |

IP rating: IP67

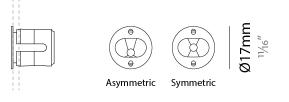
Marine Grade: Stainless Steel AISI 316L

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| PROJECT   |  |
|-----------|--|
| ТҮРЕ      |  |
| SPECIFIER |  |
| QUANTITY  |  |
| DATE      |  |



#### min. 1mm 1/16"



# 17mm

<sup>11</sup>/16″

F

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# **EYES HANDRAIL**

| DATE      |  |  |  |
|-----------|--|--|--|
| QUANTITY  |  |  |  |
| SPECIFIER |  |  |  |
| TYPE      |  |  |  |
| PROJECT   |  |  |  |

**Fixture Finish** 

Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens. Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.



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# **EYES HANDRAIL**

LEGEND

PROJECT

TYPE SPECIFIER

QUANTITY

DATE

| ↓             | floor-mounted  | ¥        | pivotable  | $\circledast$ | special LED (upon request) RGB, RGBW, tunable,<br>gold+, meat+, art+, fashion+                 |
|---------------|--|----------|--|---------------|--|
| 7             | wall and ceiling: recessed and surface mounted               | 3        | rotating   | 0             | warm dim / natural dimming LED   |
| Î             | ceiling-mounted and wall-mounted                             | Œ        | illuminate tilted  | Ø             | rechargeable battery powered   |
| $\rightarrow$ | wall-mounted   | T        | color of suspension cable                                    | Ш             | fixture with natural vivid LED (upon request)  |
| Y             | omni-directional light distribution                          | ⇒        | length of suspension cable                                   | CRI           | color rendering index  |
| Ä             | direct light distribution                                    | D        | reflector degree selection                                   | °К            | color temperature  |
| X             | direct/indirect light distribution                           | s s      | super spot   | LM            | lumen (luminous flux)  |
| Y             | indirect light distribution                                  | ¥        | lens   | L₩)           | efficacy (lumens per watt)   |
|               | asymmetric light distribution                                | 8        | lens pack  | UGR           | Unified Glare Rating (UGR) range from 5-40   |
| Ă             | aura light distribution                                      | 0        | shine ring   | 378           | marine grade (AISI 316 stainless steel)  |
| R             | round wall or ceiling cut-out                                | $\odot$  | integrated shine ring with diffuser                          | ٢             | walk on  |
| 5             | square wall or ceiling cut-out                               | D,       | free individual colors 01-29                                 |               | drive on   |
| ୶ୖୣୄ୶         | the supplied jig specifies the cutout dimensions             | <u>с</u> | individual colors: 00 (free of charge), 01-25 (extra charge) | OSC           | Dark Sky Compliance  |
| (++)<br>M     | minimum distance (meters) lamp - object                      | ۲        | luminaire part to be colored (F1)                            | Ġ             | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| £             | recessed depth   |          | luminaire part to be colored (F2)                            |               | lamp protected against explosion   |
| ⇒             | ceiling thickness in mm                                      |          | luminaire part to be colored (F3)                            |               | blown glass using traditional methods by master glass blower                                   |
|               | ceiling thickness selection                                  |          | luminaire part to be colored (F4)                            | <b>(</b> )    | acoustic material  |
|               | dimmable DP (phase), DV (0-10V), DD (dali), DS<br>(step-dim) |          | luminaire part to be colored (F5)                            |               | protection class I, protection insulation  |
| <b>4</b>      | included or excluded LED driver/transformer/<br>control gear | •        | color of 3-circuit adaptor                                   |               | protection class II, protection insulation   |
| ি             | separately switchable  | $\odot$  | indirect diffuser  |               | ETL Certified to UL and CSA Standards  |
| <b>!</b>      | sensor   | D        | direct diffuser  | c (H) us      | UL Certified to UL and CSA Standards   |
|               | remote control   | $\odot$  | ball-proof (upon request)                                    | <b>(</b>      | CSA Certified to UL and CSA Standards  |

## **IP RATING**

available upon request

2

| IP20 | protected against ingress of solid bodies greater than 12.5mm (finger)   |
|------|--|
| IP33 | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
| IP65 | protected against ingress of dust<br>protected against jets of water   |
| IP66 | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
| IP67 | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
| 1968 | protected against ingress of dust<br>protected against immersion of water under pressure for long periods  |

## **IK RATING**

Z

| КО1  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)  |
|------|---|
| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
| КОЗ  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
| IK04 | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
| КО5  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
| КОб  | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)    |
| IK07 | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)     |
| КОВ  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
| 1609 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)    |
| IK10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)    |

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