# **ZANEEN**<sub>®</sub>

# **EYES FLAT RECESSED**

## E10R0013-

base number

Color Temperature

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
Subseries: Eyes Flat
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: Wall / Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 36
Diameter (in): $1\frac{7}{16}$
Depth (mm): 61
Depth (in): 2 $\frac{3}{8}$
Min. Recessing Depth (mm): 66
Min. Recessing Depth (in): $2\frac{5}{8}$
Light Distribution: Direct
Weight (kg): 0.06
Weight (lbs): 0.13
Diffuser: Transparent methacrylate
Gasket: Silicone rubber
Fixture Finish: Chrome
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 28mm / 1 3/32

#### ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 3.5
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Upon Request: (Not included - see components [IP65 or higher enclosure to be supplied by others]) 0-10Vdc dimming / Phase dimming @120Vac only / 277Vac

#### LED

Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 285 / 300	
Nominal Lumen (lm): 350 / 380	
CRI: >80 CRI	

Lamp Life (hrs): 50000

#### OPTICAL

Optic°: 45

Beam Angle: Symmmetrical

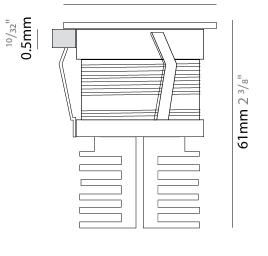
#### RATINGS AND CERTIFICATIONS

IP rating: IP68

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



### Ø36mm 1 7/16"





F

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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.

In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

# **ZANEEN**<sub>®</sub>

# **EYES FLAT RECESSED**

## E10R0015-

base number

umber	Color
	Temperature

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
Subseries: Eyes Flat
Brand: Side
Division: Exterior
Mounting Type: Recessed
Mounting Location: Wall / Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Length (mm): 36
Length (in): $1\frac{7}{16}$
Width (mm): 36
Width (in): $1^{7}_{16}$
Height (mm): 61
Height (in): 2 <sup>3</sup> / <sub>8</sub>
Min. Recessing Depth (mm): 66
Min. Recessing Depth (in): 2 <sup>5</sup> / <sub>8</sub>
Light Distribution: Direct
Weight (kg): 0.08
Weight (lbs): 0.18
Diffuser: Transparent methacrylate
Gasket: Silicon rubber
Fixture Finish: Chrome
Fixture Material: Aluminum Die Cast

#### ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 4.5
Total Output Wattage (W): 3
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Constant Voltage (V): 8.75
Upon Request: Requires a minimum of 2 fixtures for 0-10V dimming options

### LED

<b>Color Temperature</b>	(°K): 3000 / 4000
Mary Dalling and Lines	(l) 205 (200

DATINGS AND CERTIFICATIONS
Optic°: 45
OPTICAL
Lamp Life (hrs): 50000
CRI: >80 CRI
Nominal Lumen (lm): 350 / 380
Max. Delivered Lumen (lm): 285 / 300

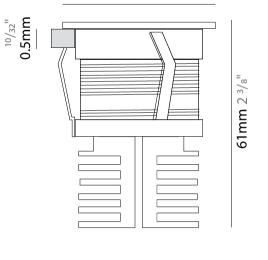
#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standard		
IP rating: IP68		

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



#### Ø36mm 1 7/16"





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F



EYES COLOR FINISH CHART 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.

E

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# ZANEEN.

EYES

PROJECT

PROJEC

TYPE SPECIFIER

QUANTITY

DATE

# LEGEND

		_				
↓_	floor-mounted	¥	pivotable		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+	
$\overline{}$	wall and ceiling: recessed and surface mounted	S	rotating		warm dim / natural dimming LED	
$\uparrow$	ceiling-mounted and wall-mounted	Œ	illuminate tilted		rechargeable battery powered	
$\rightarrow$	wall-mounted	T	color of suspension cable		fixture with natural vivid LED (upon request)	
Y	omni-directional light distribution	÷	length of suspension cable		color rendering index	
Ä	direct light distribution	Δ	reflector degree selection	<b>°K</b>	color temperature	
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)	
Y	indirect light distribution	¥.	lens	(₩	efficacy (lumens per watt)	
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40	
Ä	aura light distribution	0	shine ring	3	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	Ċ	free individual colors 01-29	۲	drive on	
d	the supplied jig specifies the cutout dimensions	ů).	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>B</b> SC	Dark Sky Compliance	
(++)	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)	ۥ	acoustic material	
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	۲	luminaire part to be colored (F5)		protection class I, protection insulation	
<b>6</b>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation	
У	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards	
シリ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards	
	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	SP:	CSA Certified to UL and CSA Standards	
2	available upon request	U	accessory	$\mathbb{Z}$	Certified for North American Standards	

## **IP RATING**

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
1966	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
1968	protected against ingress of dust protected against immersion of water under pressure for long periods

# **IK RATING**

КОТ	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
КО2	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)
КО4	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)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)