# **ZANEEN**®

## **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	
Subsatagon a Douglight	

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 3/8
Min. Recessing Depth (mm): 66
Min. Recessing Depth (in): 2 ½
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

#### **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	

#### OPTICAL

Optic°: 45 Beam Angle: Symmmetrical

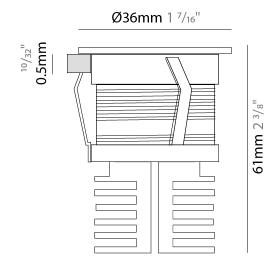
#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68











# **ZANEEN**®

# **EYES FLAT RECESSED**

## E10R0015-

base number

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	

Mounting Location: Wall / Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Length (mm): 36
Length (in): 1 $\frac{7}{16}$
Width (mm): 36
Width (in): 1 <sup>7</sup> / <sub>16</sub>
Height (mm): 61
Height (in): 2 <sup>3</sup> / <sub>8</sub>
Min. Recessing Depth (mm): 66
Min. Recessing Depth (in): 2 %
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

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

Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 285 / 300
Nominal Lumen (lm): 350 / 380
CRI: >80 CRI
Lamp Life (hrs): 50000
ODTICAL

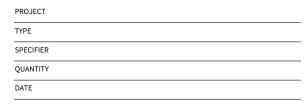
#### OPTICAL

Optic°: 45

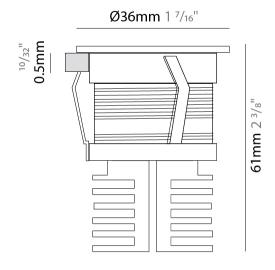
#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP68







△ 0.08kg / 0.18 lbs→ 28mm 1 1/8"





# **EYES**

COLOR FINISH CHART

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

Fivture	

**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.





## **EYES**

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

# **LEGEND**

T	Mary D		a 878		special LED (upon request) PGP_PGPW_tupable
<u></u>	floor-mounted	Á	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable	THESE	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	<b></b>	length of suspension cable	CRI	color rendering index
À	direct light distribution		reflector degree selection	<b>(K)</b>	color temperature
X	direct/indirect light distribution	s s	super spot	ĹM	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩ <u></u>	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ā	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
$\Box$	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
d C	the supplied jig specifies the cutout dimensions	<u>-</u>	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>□</b> • <sub>*</sub> +	minimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\perp}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	<b>√</b> ⑨	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
<b>₩</b>	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser	. <b>(1)</b>	ETL Certified to UL and CSA Standards
<b>9</b>	sensor	0	direct diffuser	։ (Մ) ու	UL Certified to UL and CSA Standards
	remote control	(1)	ball-proof (upon request)	<b>(II</b> )	CSA Certified to UL and CSA Standards
9	available upon request	0	accessory	<b>(Z</b> )	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
IP66	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
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

## **IK RATING**

above the surface)

IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	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)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	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) $$
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09)	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm