# ZANEEN.

# **EYES ROUND RECESSED**

### E10R0107-

base number

mber 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 Round	
Brand: Side	
Division: Exterior	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 20	
Diameter (in): 13/16	
Depth (mm): 28	
Depth (in): $1\frac{1}{8}$	
Min. Recessing Depth (mm): 33	
Min. Recessing Depth (in): 1 $\frac{5}{16}$	
Light Distribution: Direct	
Weight (kg): 0.02	
Weight (lbs): 0.044	
Gasket: Silicon rubber	
Fixture Finish: Chrome	
Fixture Material: Aluminum Die Cast	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 1.2	
Total Output Wattage (W): 1	
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V	

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10 Dimming	V
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Current - 120 / 277Vac	
Driver Class: Class 2	
nput Voltage (V): 120 - 277	
Constant Current (MA): 350	

#### LED

Number of LEDs: 1

Color Temperature (FK): 3000 / 4000	
Max. Delivered Lumen (lm): 58.4 / 64.9	
Nominal Lumen (lm): 120 / 125	
CRI: >80 CRI	
Lamp Life (hrs): 50000	
OPTICAL	

Optic<sup>°</sup>: 100°

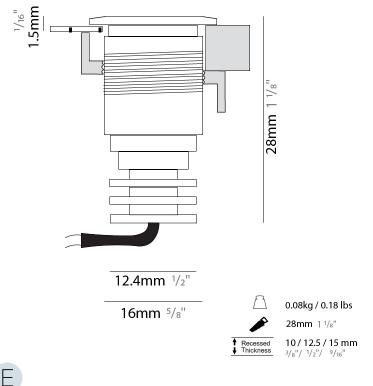
#### RATINGS AND CERTIFICATIONS

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

ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



**Ø20mm**<sup>13</sup>/16<sup>''</sup>



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# **ZANEEN**<sub>®</sub>

# **EYES SQUARE RECESSED**

## E10R0113-

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

Subseries: Eyes SquareBrand: SideDivision: ExteriorMounting Type: RecessedMounting Location: CeilingSubcategory: DownlightPHYSICALShape: SquareLength (mm): 20Length (in): 13/16Width (mm): 20Width (in): 13/16Depth (in): 13/16Depth (mm): 28Depth (mm): 28Depth (in): 1 $\frac{1}{1_6}$ Light Distribution: DirectWeight (kg): 0.02Weight (kg): 0.02Weight (lbs): 0.044Gasket: Silicon rubberFixture Finish: ChromeFixture Material: Aluminum Die Cast	Series: Eyes
Division: ExteriorMounting Type: RecessedMounting Location: CeilingSubcategory: DownlightPHYSICALShape: SquareLength (mm): 20Length (in): 13/16Width (mm): 20Width (in): 13/16Depth (mm): 28Depth (in): 1 $\frac{1}{s_6}$ Min. Recessing Depth (mm): 33Min. Recessing Depth (in): 1 $\frac{5}{16}$ Light Distribution: DirectWeight (kg): 0.02Weight (lbs): 0.044Gasket: Silicon rubberFixture Finish: Chrome	Subseries: Eyes Square
Mounting Type: RecessedMounting Location: CeilingSubcategory: DownlightPHYSICALShape: SquareLength (mm): 20Length (in): 13/16Width (mm): 20Width (in): 13/16Depth (mm): 28Depth (in): 1 $\frac{1}{2}$ Min. Recessing Depth (mm): 33Min. Recessing Depth (in): 1 $\frac{5}{16}$ Light Distribution: DirectWeight (kg): 0.02Weight (lbs): 0.044Gasket: Silicon rubberFixture Finish: Chrome	Brand: Side
Mounting Location: CeilingSubcategory: DownlightPHYSICALShape: SquareLength (mm): 20Length (in): 13/16Width (mm): 20Width (in): 13/16Depth (mm): 28Depth (mm): 28Depth (in): 1 $\frac{1}{\gamma_s}$ Min. Recessing Depth (mm): 33Min. Recessing Depth (in): 1 $\frac{1}{\gamma_{16}}$ Light Distribution: DirectWeight (kg): 0.02Weight (lbs): 0.044Gasket: Silicon rubberFixture Finish: Chrome	Division: Exterior
Subcategory: Downlight   PHYSICAL   Shape: Square   Length (mm): 20   Length (in): 13/16   Width (mm): 20   Width (in): 13/16   Depth (mm): 28   Depth (in): 1 $\frac{1}{\gamma_s}$ Min. Recessing Depth (mm): 33   Min. Recessing Depth (in): 1 $\frac{1}{\gamma_{16}}$ Light Distribution: Direct   Weight (kg): 0.02   Weight (lbs): 0.044   Gasket: Silicon rubber   Fixture Finish: Chrome	Mounting Type: Recessed
PHYSICAL   Shape: Square   Length (mm): 20   Length (in): 13/16   Width (mm): 20   Width (in): 13/16   Depth (mm): 28   Depth (in): 1 $\frac{1}{\gamma_s}$ Min. Recessing Depth (mm): 33   Min. Recessing Depth (in): 1 $\frac{1}{\gamma_{16}}$ Light Distribution: Direct   Weight (kg): 0.02   Weight (lbs): 0.044   Gasket: Silicon rubber   Fixture Finish: Chrome	Mounting Location: Ceiling
Shape: Square   Length (mm): 20   Length (in): 13/16   Width (mm): 20   Width (in): 13/16   Depth (mm): 28   Depth (in): 1 $\frac{1}{1_6}$ Min. Recessing Depth (in): 33   Min. Recessing Depth (in): 1 $\frac{1}{1_{16}}$ Light Distribution: Direct   Weight (kg): 0.02   Weight (lbs): 0.044   Gasket: Silicon rubber   Fixture Finish: Chrome	Subcategory: Downlight
Length (mm): 20 Length (in): 13/16 Width (mm): 20 Width (in): 13/16 Depth (mm): 28 Depth (in): $1\frac{1}{\gamma_6}$ Min. Recessing Depth (in): $1\frac{1}{\gamma_{16}}$ Light Distribution: Direct Weight (kg): 0.02 Weight (lbs): 0.044 Gasket: Silicon rubber Fixture Finish: Chrome	PHYSICAL
Length (in): 13/16Width (mm): 20Width (in): 13/16Depth (mm): 28Depth (in): 1 $\frac{1}{1_6}$ Min. Recessing Depth (in): 1 $\frac{1}{1_{16}}$ Light Distribution: DirectWeight (kg): 0.02Weight (lbs): 0.044Gasket: Silicon rubberFixture Finish: Chrome	Shape: Square
Width (mm): 20   Width (im): 13/16   Depth (mm): 28   Depth (in): $1\frac{1}{3}$ Min. Recessing Depth (mm): 33   Min. Recessing Depth (in): $1\frac{1}{3}$ Light Distribution: Direct   Weight (kg): 0.02   Weight (lbs): 0.044   Gasket: Silicon rubber   Fixture Finish: Chrome	Length (mm): 20
Width (in): 13/16   Depth (mm): 28   Depth (in): $1\frac{1}{8}$ Min. Recessing Depth (mm): 33   Min. Recessing Depth (in): $1\frac{1}{16}$ Light Distribution: Direct   Weight (kg): 0.02   Weight (lbs): 0.044   Gasket: Silicon rubber   Fixture Finish: Chrome	Length (in): 13/16
Depth (mm): 28   Depth (in): $1\frac{1}{k_8}$ Min. Recessing Depth (mm): 33   Min. Recessing Depth (in): $1\frac{1}{1_{16}}$ Light Distribution: Direct   Weight (kg): 0.02   Weight (lbs): 0.044   Gasket: Silicon rubber   Fixture Finish: Chrome	Width (mm): 20
Depth (in): $1\frac{1}{8}$ Min. Recessing Depth (mm): 33 Min. Recessing Depth (in): $1\frac{1}{16}$ Light Distribution: Direct Weight (kg): 0.02 Weight (lbs): 0.044 Gasket: Silicon rubber Fixture Finish: Chrome	Width (in): 13/16
Min. Recessing Depth (mm): 33   Min. Recessing Depth (in): 1 %   Light Distribution: Direct   Weight (kg): 0.02   Weight (lbs): 0.044   Gasket: Silicon rubber   Fixture Finish: Chrome	Depth (mm): 28
Min. Recessing Depth (in): 1 $\frac{5}{1_{16}}$ Light Distribution: Direct   Weight (kg): 0.02   Weight (lbs): 0.044   Gasket: Silicon rubber   Fixture Finish: Chrome	Depth (in): 1 <sup>1</sup> / <sub>8</sub>
Light Distribution: Direct Weight (kg): 0.02 Weight (lbs): 0.044 Gasket: Silicon rubber Fixture Finish: Chrome	Min. Recessing Depth (mm): 33
Weight (kg): 0.02 Weight (lbs): 0.044 Gasket: Silicon rubber Fixture Finish: Chrome	Min. Recessing Depth (in): $1\frac{5}{16}$
Weight (lbs): 0.044 Gasket: Silicon rubber Fixture Finish: Chrome	Light Distribution: Direct
Gasket: Silicon rubber Fixture Finish: Chrome	Weight (kg): 0.02
Fixture Finish: Chrome	Weight (lbs): 0.044
	Gasket: Silicon rubber
Fixture Material: Aluminum Die Cast	Fixture Finish: Chrome
	Fixture Material: Aluminum Die Cast

#### ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Total Output Wattage (W): 1.2
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

### LED

Number of LEDs: 1	
Color Temperature (°K): 3000 / 4000	
Max. Delivered Lumen (lm): 58.4 / 64.9	
Nominal Lumen (lm): 120 / 125	
CRI: >80 CRI	
Lamp Life (hrs): 50000	

#### OPTICAL

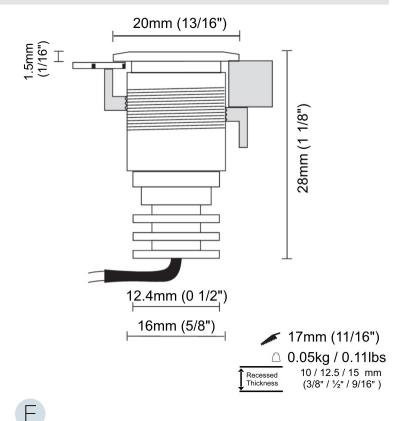
Opticº: 100°

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





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EYES COLOR FINISH CHART PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

**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

\_\_\_\_\_

TYPE

SPECIFIER QUANTITY

DATE

## LEGEND

_↓_	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
$\overline{}$	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	T	color of suspension cable	1111 1140	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	<del>~</del>	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	<b>°К</b>	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\mathbf{Y}}$	indirect light distribution	*	lens	₩.	efficacy (lumens per watt)
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	318	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 d	the supplied jig specifies the cutout dimensions	Ċ	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
1	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)	(ه)	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
Y	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>シ</b> リ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards
()	remote control	$\odot$	ball-proof (upon request)	SP:	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	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
IP68	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)
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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