ZANEEN_®

EYES FLAT RECESSED

E10R0015-

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: Square
Length (mm): 36
Length (in): 1 ⁷ / ₁₆
Width (mm): 36
Width (in): 1 ⁷ / ₁₆
Height (mm): 61
Height (in): $2\frac{3}{8}$
Min. Recessing Depth (mm): 66
Min. Recessing Depth (in): 2 ⁵ / ₈
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

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	Temp	perature	(°K): 3	3000	/ 4000

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

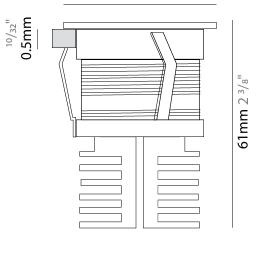
RATINGS AND CERTIFICATIONS

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

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



Ø36mm 1 7/16"





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F

ZANEEN_®

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 $\frac{1}{2}_8$ Min. Recessing Depth (mm): 33Min. Recessing Depth (in): 1 $\frac{5}{2}_{16}$ 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 $\frac{1}{\gamma_s}$ Min. Recessing Depth (mm): 33Min. Recessing Depth (in): 1 $\frac{5}{\gamma_{16}}$ 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 ¹ / ₈				
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

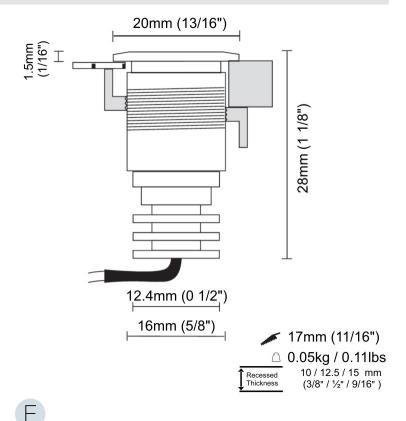
Optic°: 100°

RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
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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

PROJEC

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	÷	length of suspension cable	CRI	color rendering index
	direct light distribution	Δ	reflector degree selection	°К	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\overline{\mathbf{x}}}$	indirect light distribution	Å	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	Ğ	free individual colors 01-29		drive on
d d	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	BSC	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)	٢	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)	۲	luminaire part to be colored (F5)		protection class I, protection insulation
6	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)	<u>ج</u>	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	2	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

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)