# **ZANEEN**<sub>®</sub>

## **INVISIBILI TRIMLESS**

### D86290R9

base number

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

GENERAL	
Series: Invisibili	
Brand: Panzeri	
Division: Design	
Mounting Type: Trimless	
Mounting Location: Ceiling	
PHYSICAL	
Shape: Rectangle	
Length (mm): 295	
Length (in): 11 <sup>5</sup> ⁄ <sub>8</sub>	
Width (mm): 430	
Width (in): 16 <sup>15</sup> / <sub>16</sub>	
Depth (mm): 70	
Depth (in): 2 <sup>3</sup> / <sub>4</sub>	
Min. Recessing Depth (mm): 135	
Min. Recessing Depth (in): 5 $\frac{1}{16}$	
Light Distribution: Asymmetric	
Weight (kg): 3.53	
Weight (lbs): 7.78	
Diffuser: Opal Glass	
Fixture Finish: WHI	
Fixture Material: Plaster	
Cut-out Measurements: 305mm / 11 3/4" x 440mm / 17 1/4"	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 15	
Total Output Wattage (W): 12	
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming	
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Current - 120 / 277Vac	
Driver Class: Class 2	
Input Voltago (V): 120 277	

Input Voltage (V): 120 - 277 Constant Current (MA): 350

#### LED

Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 1063
CRI: >90 CRI
Lamp Life (hrs): 50000

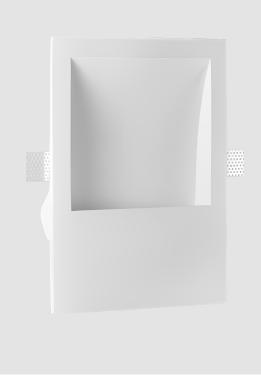
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

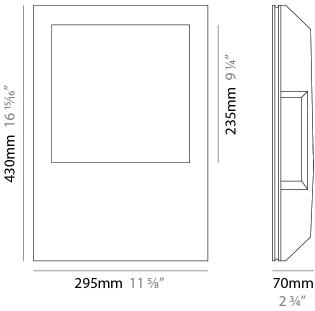
Certified By: Certified for North American Standards	
IP rating: IP20	

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DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			



## 235mm 9 1/4"





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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

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## **INVISIBILI TRIMLESS**

### D86291R9

base number

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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

GENERAL	
Series: Invisibili	
Brand: Panzeri	
Division: Design	
Mounting Type: Trimless	
Mounting Location: Wall	
PHYSICAL	
Shape: Rectangle	
Length (mm): 190	
Length (in): 7 $\frac{1}{2}$	
Width (mm): 275	
Width (in): 10 <sup>13</sup> / <sub>16</sub>	
Depth (mm): 70	
Depth (in): 2 <sup>3</sup> / <sub>4</sub>	
Min. Recessing Depth (mm): 135	
Min. Recessing Depth (in): 5 $\frac{5}{16}$	
Light Distribution: Indirect	
Weight (kg): 2.012	
Weight (lbs): 4.435	
Diffuser: Acrylic Moulded Lens	
Fixture Finish: WHI	
Fixture Material: Plaster	
Cut-out Measurements: 200mm / 7 7/8" x 285mm / 11 1/4"	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 15	
Total Output Wattage (W): 12	
Dimming: Non-Dimmable	
Driver Included: Yes	

Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Current - 120Vac	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 350	
Upon Request: 0-10Vdc dimming / Phase dimming 120Vac / Non- dimming 277Vac	

#### LED

Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 1063
CRI: >90 CRI
Efficiency (%): 61
Efficacy (lm/w): 85.4
Lamp Life (hrs): 50000
ΟΡΤΙζΑΙ

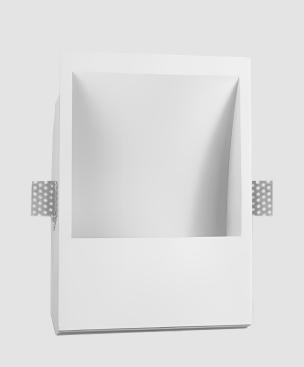
#### OPTICAL

Beam Angle: Assymetric

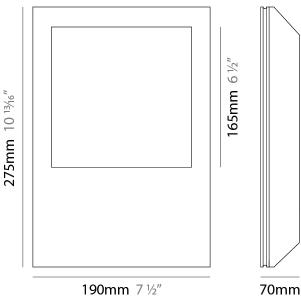
#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP20	

TYPE SPECIFIER QUANTITY DATE	PROJECT			
QUANTITY	TYPE			
	SPECIFIER			
DATE	QUANTITY			
	DATE			 



### 165mm 6 1/2"



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## INVISIBILI COLOR FINISH CHART

PRO IFCT

PROJECT			
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#### **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.



## **ZANEEN**.

## INVISIBILI

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	÷	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)
$\mathbf{\mathbf{x}}$	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	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>BSC</b>	Dark Sky Compliance
(++) 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)	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>~</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
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
ו	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
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)
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)