ZANEEN®

INVISIBILI TRIMLESS

D86111

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

| Series: Invisibili | |
|-------------------------|--|
| Brand: Panzeri | |
| Division: Design | |
| Mounting Type: Trimless | |
| Mounting Location: Wall | |
| | |

| Modifiling Education. Watt |
|--------------------------------|
| PHYSICAL |
| Shape: Rectangle |
| Length (mm): 100 |
| Length (in): 3 15/16 |
| Width (mm): 50 |
| Width (in): 1 15/16 |
| Height (mm): 140 |
| Height (in): 5 ½ |
| Light Distribution: Asymmetric |
| Weight (kg): 0.39 |
| Weight (lbs): 0.85 |
| Diffuser: Acrylic Moulded Lens |
| Fixture Finish: WHI |
| Fixture Material: Plaster |
| |

ELECTRICAL

| ELECTRICAL |
|---|
| Lamp Type: LED |
| Input Wattage (W): 1.2 |
| Total Output Wattage (W): 1 |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming |
| Driver Included: No |
| Driver Location: Remote |
| Driver Type: Constant Current - Universal |
| Driver Class: Class 2 |
| Input Voltage (V): 120 - 277 |
| Constant Current (MA): 350 |
| |

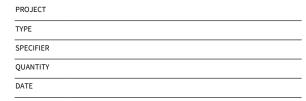
LED

Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 120
Lamp Life (hrs): 50000

OPTICAL

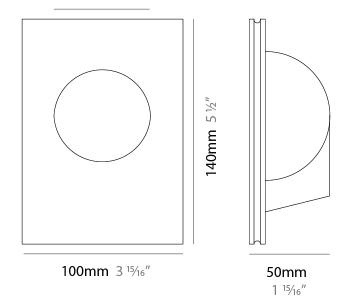
RATINGS AND CERTIFICATIONS

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





Ø60mm 2 3/8"







D86111

| PROJECT | | | |
|-----------|--|--|--|
| ГҮРЕ | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |





ZANEEN®

INVISIBILI TRIMLESS

D86112

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

| Series: Invisibili | |
|-------------------------|--|
| Brand: Panzeri | |
| Division: Design | |
| Mounting Type: Trimless | |
| Mounting Location: Wall | |

| Mounting Location: Wall | |
|--|--|
| PHYSICAL | |
| Shape: Rectangle | |
| Length (mm): 100 | |
| Length (in): 3 15/16 | |
| Width (mm): 55 | |
| Width (in): 2 ³ / ₁₆ | |
| Height (mm): 165 | |
| Height (in): 6 ½ | |
| Light Distribution: Asymmetric | |
| Weight (kg): 0.49 | |
| Weight (lbs): 1.08 | |
| Diffuser: Acrylic Moulded Lens | |
| Fixture Finish: WHI | |
| Fixture Material: Plaster | |
| | |

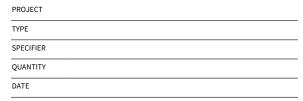
FI FCTRICAL

| ELECTRICAL |
|---|
| Lamp Type: LED |
| Input Wattage (W): 1.2 |
| Total Output Wattage (W): 1 |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming |
| Driver Included: No |
| Driver Location: Remote |
| Driver Type: Constant Current - Universal |
| Driver Class: Class 2 |
| Input Voltage (V): 120 - 277 |
| Constant Current (MA): 350 |
| |

| LED | |
|--------------------------------|--|
| Number of LEDs: 1 | |
| Color Temperature (°K): 3000 | |
| Max. Delivered Lumen (lm): 120 | |
| CRI: >80 CRI | |
| Lamp Life (hrs): 50000 | |
| | |

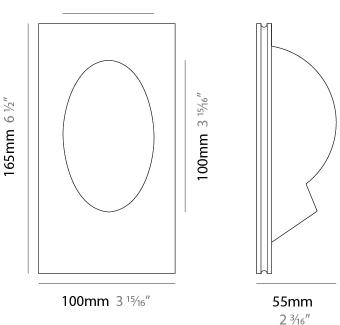
OPTICAL

RATINGS AND CERTIFICATIONS













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| LED module included. 6.8W and 8.5W versions shown. See fixture specifications. | |
|--|--|
| | |



ZANEEN.

INVISIBILI TRIMLESS

D86113

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

| CENERAL |
|-------------------------|
| Series: Invisibili |
| Brand: Panzeri |
| Division: Design |
| Mounting Type: Trimless |
| Mounting Location: Wall |

| Mounting Location: Wall |
|--|
| PHYSICAL |
| Shape: Rectangle |
| Length (mm): 80 |
| Length (in): 3 1/8 |
| Width (mm): 55 |
| Width (in): 2 ³ / ₁₆ |
| Height (mm): 165 |
| Height (in): 6 ½ |
| Light Distribution: Asymmetric |
| Diffuser: Acrylic Moulded Lens |
| Fixture Finish: WHI |
| Fixture Material: Plaster |
| |

EL ECTDICA

| ELECTRICAL |
|---|
| Lamp Type: LED |
| Input Wattage (W): 1.2 |
| Total Output Wattage (W): 1 |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming |
| Driver Included: No |
| Driver Location: Remote |
| Driver Type: Constant Current - Universal |
| Driver Class: Class 2 |
| Input Voltage (V): 120 - 277 |

| Constant Current (MA): 350 | |
|------------------------------|--|
| LED | |
| Number of LEDs: 1 | |
| Color Temperature (°K): 3000 | |
| Nominal Lumen (lm): 120 | |
| CRI: >80 CRI | |
| Lamp Life (hrs): 50000 | |
| Lamp Life (iii 3). 30000 | |

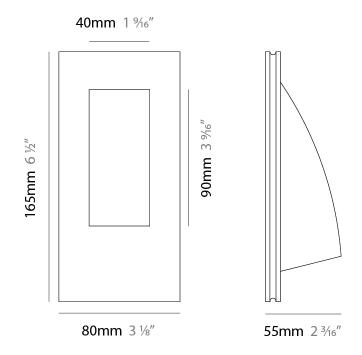
OPTICAL

RATINGS AND CERTIFICATIONS

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











D86113

| PROJECT | | | |
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| QUANTITY | | | |
| DATE | | | |





ZANEEN_®

INVISIBILI TRIMLESS

D86114

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

| Series: Invisibili | |
|-------------------------|--|
| Brand: Panzeri | |
| Division: Design | |
| Mounting Type: Trimless | |
| Mounting Location: Wall | |
| | |

| Mounting Location: Wall |
|--|
| PHYSICAL |
| Shape: Rectangle |
| Length (mm): 100 |
| Length (in): 3 15/16 |
| Width (mm): 145 |
| Width (in): 5 11/16 |
| Depth (mm): 50 |
| Depth (in): 1 15/16 |
| Light Distribution: Asymmetric |
| Weight (kg): 0.40 |
| Weight (lbs): 0.88 |
| Diffuser: Acrylic Moulded Lens |
| Fixture Finish: WHI |
| Fixture Material: Plaster |
| Cut-out Measurements: 110 x 155mm / 4 1/4 x 6 1/8" |
| · · · · · · · · · · · · · · · · · · · |

ELECTRICAL

| ELECTRICAL | |
|--|---|
| Lamp Type: LED | |
| Input Wattage (W): 1.2 | |
| Total Output Wattage (W): 1 | |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming | |
| Driver Included: No | |
| Driver Location: Remote | |
| Driver Type: Constant Current - Universal | |
| Driver Class: Class 2 | |
| Input Voltage (V): 120 - 277 | _ |
| Constant Current (MA): 350 | |
| | _ |

| Constant Current (MA): 350 |
|-------------------------------|
| LED |
| Number of LEDs: 1 |
| Color Temperature (°K): 3000 |
| Max. Delivered Lumen (lm): 54 |
| CRI: >80 CRI |
| Efficiency (%): 45 |
| Lamp Life (hrs): 50000 |
| |

OPTICAL

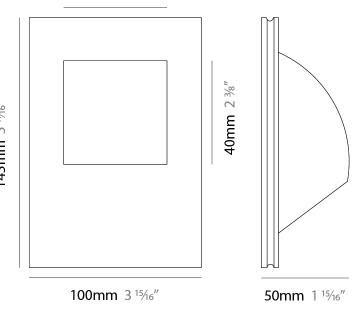
RATINGS AND CERTIFICATIONS

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

| PROJECT | | |
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| TYPE | | |
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| QUANTITY | | |
| DATE | | |











D86114

| PROJECT | | | |
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| ГҮРЕ | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |







D86214R9-

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: Invisibili

Brand: Panzeri

Division: Design

Mounting Type: Trimless

Mounting Location: Ceiling

Subcategory: Downlight

Subcategory: Downlight **PHYSICAL** Shape: Rectangle Length (mm): 115 Length (in): 4 1/2 Width (mm): 115 Width (in): 4 1/2 Height (mm): 50 Height (in): 1 15/16 Min. Recessing Depth (mm): 135 Min. Recessing Depth (in): $5\frac{1}{16}$ Light Distribution: Direct Weight (kg): 0.45 Weight (lbs): 0.99 Fixture Finish: WHI Fixture Material: Plaster

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 8.5
Total Output Wattage (W): 6.8
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): 250

LED

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 806 / 854 / 1053

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Optic°: 35

RATINGS AND CERTIFICATIONS

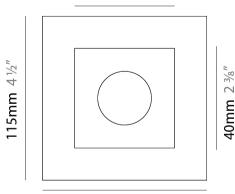
Certified By: Certified for North American Standards

IP rating: IP20

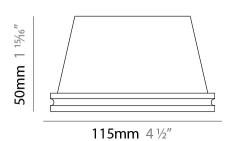




40mm 2 3/8"



115mm 4 1/2"





Page 9/22



D86214R9-

| PROJECT | | |
|-----------|--|--|
| TYPE | | |
| SPECIFIER | | |
| QUANTITY | | |
| DATE | | |





ZANEEN_®

INVISIBILI TRIMLESS

D86264-

base number

Finish Options

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: Invisibili |
|----------------------------|
| Brand: Panzeri |
| Division: Design |
| Mounting Type: Trimless |
| Mounting Location: Ceiling |
| Subcategory: Spots |

| Mounting Type: Trimless |
|---|
| Mounting Location: Ceiling |
| Subcategory: Spots |
| PHYSICAL |
| Shape: Rectangle |
| Length (mm): 350 |
| Length (in): 13 ³ / ₄ |
| Width (mm): 200 |
| Width (in): 7 $\frac{7}{8}$ |
| Height (mm): 120 |
| Height (in): 4 ³ / ₄ |
| Light Distribution: Adjustable / Direct |
| Weight (kg): 2.30 |
| Weight (lbs): 5.07 |
| Fixture Finish: WHI / BLK |
| Fixture Material: Plaster |
| ELECTRICAL |
| Lamp Type: LED |

| Weight (kg): 2.30 |
|---|
| Weight (lbs): 5.07 |
| Fixture Finish: WHI / BLK |
| Fixture Material: Plaster |
| ELECTRICAL |
| Lamp Type: LED |
| Total Output Wattage (W): 24 |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming |
| Driver Included: Yes |
| Driver Location: External |
| Driver Type: Constant Current - Universal |
| Driver Class: Class 2 |
| Input Voltage (V): 120 - 277 |
| Constant Current (MA): 350 |
| LED |
| Number of LEDs: 2 |
| - 1 - 4-3 |

| LED | |
|--------------------------------|--|
| Number of LEDs: 2 | |
| Color Temperature (°K): 3000 | |
| Max. Delivered Lumen (lm): 840 | |
| CRI: >80 CRI | |
| Lamp Life (hrs): 50000 | |
| ORTICAL | |

OPTICAL

Optic°: 25

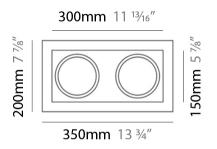
RATINGS AND CERTIFICATIONS

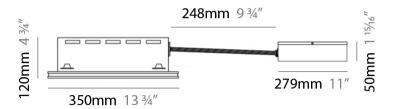
Certified By: Certified for North American Standards

IP rating: IP20







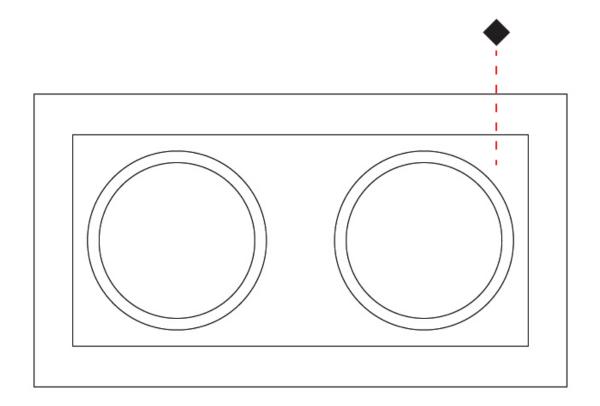






D86264-

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |







D86275R9-

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: Invisibili |
|-------------------------|
| Brand: Panzeri |
| Division: Design |
| Mounting Type: Trimless |
| Mounting Location: Wall |

| Mounting Location: Wall | |
|----------------------------------|--|
| PHYSICAL | |
| Shape: Rectangle | |
| Length (mm): 115 | |
| Length (in): 4 ½ | |
| Width (mm): 115 | |
| Width (in): 4 ½ | |
| Height (mm): 60 | |
| Height (in): $2\frac{3}{8}$ | |
| Min. Recessing Depth (mm): 150 | |
| Min. Recessing Depth (in): 5 1/8 | |
| Light Distribution: Direct | |
| Diffuser: Opal Glass | |
| Fixture Finish: WHI | |
| Fixture Material: Plaster | |
| | |

| ELECTRICAL |
|---|
| Lamp Type: LED |
| Input Wattage (W): 8.5 |
| Total Output Wattage (W): 6.8 |
| 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): 250 |

LED

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 806 / 854 / 1053

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

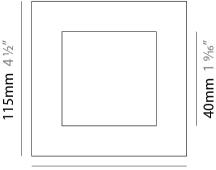
Optic°: 35

RATINGS AND CERTIFICATIONS

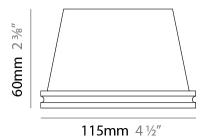




40mm 1 %6"



115mm 4 ½"







D86275R9-

| PROJECT | | |
|-----------|--|--|
| ТҮРЕ | | |
| SPECIFIER | | |
| YTITMAUQ | | |
| DATE | | |







D86277R9-

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: Invisibili |
|-------------------------|
| Brand: Panzeri |
| Division: Design |
| Mounting Type: Trimless |
| Mounting Location: Wall |

PHYSICAL

| PHISICAL |
|--------------------------------|
| Shape: Round |
| Diameter (mm): 98 |
| Diameter (in): $3\frac{7}{8}$ |
| Height (mm): 50 |
| Height (in): 1 15/16 |
| Min. Recessing Depth (mm): 140 |
| Min. Recessing Depth (in): 5 ½ |
| Light Distribution: Direct |
| Weight (kg): 0.24 |
| Weight (lbs): 0.52 |
| Fixture Finish: WHI |
| Fixture Material: Plaster |
| |

ELECTRICAL

| Lamp Type: LED |
|---|
| Input Wattage (W): 8.5 |
| Total Output Wattage (W): 6.8 |
| 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): 250 |

LED

| LED | |
|---|--|
| Number of LEDs: 1 | |
| Color Temperature (°K): 2700 / 3000 / 4000 | |
| Max. Delivered Lumen (lm): 806 / 854 / 1053 | |
| CRI: >90 CRI | |
| Lamp Life (hrs): 50000 | |
| | |

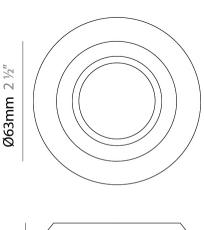
OPTICAL

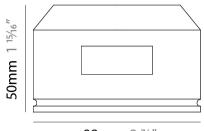
Optic°: 35 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

| PROJECT | | |
|-----------|--|--|
| TYPE | | |
| SPECIFIER | | |
| QUANTITY | | |
| DATE | | |







98mm 3 %"





D86277R9-

| PROJECT | |
|-----------|--|
| ТҮРЕ | |
| SPECIFIER | |
| YTITMAUQ | |
| DATE | |







D86279R9-

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: Invisibili | |
|-------------------------|--|
| Brand: Panzeri | |
| Division: Design | |
| Mounting Type: Trimless | |
| Mounting Location: Wall | |

| Mounting Type: Trimless |
|--------------------------------|
| Mounting Location: Wall |
| PHYSICAL |
| Shape: Rectangle |
| Length (mm): 60 |
| Length (in): 2 3/8 |
| Width (mm): 60 |
| Width (in): 2 3/8 |
| Height (mm): 50 |
| Height (in): 1 15/16 |
| Min. Recessing Depth (mm): 140 |
| Min. Recessing Depth (in): 5 ½ |
| Light Distribution: Direct |
| Weight (kg): 0.17 |
| Weight (lbs): 0.37 |
| Fixture Finish: WHI |
| Fixture Material: Plaster |
| FLECTRICAL |

ELECTRICAL

| LELCTRICAL | |
|---|--|
| Lamp Type: LED | |
| Input Wattage (W): 8.5 | |
| Total Output Wattage (W): 6.8 | |
| 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): 250 | |
| | |

| LED |
|---|
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 4000 |
| Max. Delivered Lumen (lm): 806 / 854 / 1053 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |
| OPTICAL |

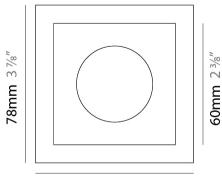
Optic°: 35

RATINGS AND CERTIFICATIONS

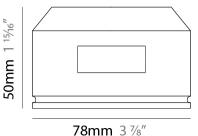
| PROJECT | | |
|-----------|--|--|
| TYPE | | |
| SPECIFIER | | |
| QUANTITY | | |
| DATE | | |







78mm 3 %"







D86279R9-

| ROJECT | |
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| PE . | |
| PECIFIER | |
| JANTITY | _ |
| ATE | |





ZANEEN_®

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

| Series: Invisibili | |
|----------------------------|---|
| Brand: Panzeri | |
| Division: Design | |
| Mounting Type: Trimless | |
| Mounting Location: Ceiling | 5 |
| | |

| Mounting Type: Trimless |
|---|
| Mounting Location: Ceiling |
| PHYSICAL |
| Shape: Rectangle |
| Length (mm): 295 |
| Length (in): 11 $\frac{5}{8}$ |
| Width (mm): 430 |
| Width (in): 16 ¹⁵ / ₁₆ |
| Depth (mm): 70 |
| Depth (in): 2 ³ / ₄ |
| Min. Recessing Depth (mm): 135 |
| Min. Recessing Depth (in): 5 $\frac{5}{16}$ |
| 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

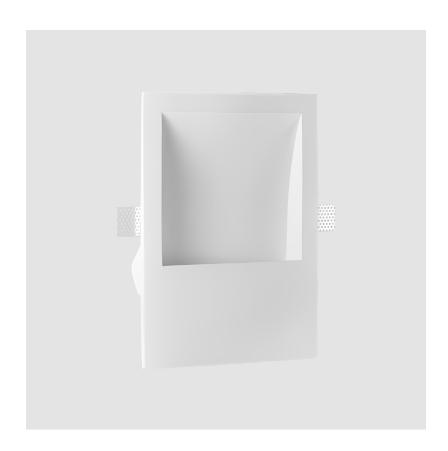
| LED |
|---------------------------------|
| Number of LEDs: 1 |
| Color Temperature (°K): 3000 |
| Max. Delivered Lumen (lm): 1063 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |
| |

OPTICAL

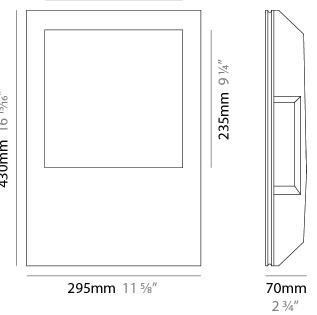
RATINGS AND CERTIFICATIONS

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

| PROJECT | |
|-----------|--|
| TYPE | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |









ZANEEN®

INVISIBILI TRIMLESS

D86291R9

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

| CENTERVIE | |
|-------------------------|--|
| Series: Invisibili | |
| Brand: Panzeri | |
| Division: Design | |
| Mounting Type: Trimless | |
| Mounting Location: Wall | |

| Mounting Type: Trimless | |
|--|--|
| Mounting Location: Wall | |
| PHYSICAL | |
| Shape: Rectangle | |
| Length (mm): 190 | |
| Length (in): 7 ½ | |
| Width (mm): 275 | |
| Width (in): 10 ¹³ / ₁₆ | |
| Depth (mm): 70 | |
| Depth (in): 2 ³ / ₄ | |
| Min. Recessing Depth (mm): 135 | |
| Min. Recessing Depth (in): 5 \(^5\)/ 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

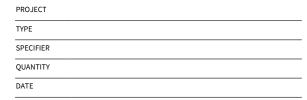
| Lamp Type: LED |
|---|
| Input Wattage (W): 15 |
| Total Output Wattage (W): 12 |
| Dimming: Non-Dimmable |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Current - 120Vac |
| Driver Class: Class 2 |
| Input Voltage (V): 120 - 277 |
| Constant Current (MA): 350 |
| Upon Request: 0-10Vdc dimming / Phase dimming 120Vac / Non- dimming 277Vac |
| LED |

| 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 |
| |

OPTICAL

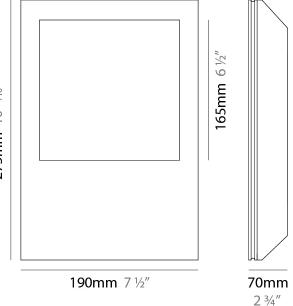
Beam Angle: Assymetric

RATINGS AND CERTIFICATIONS













INVISIBILI

| PROJECT | |
|-----------|--|
| TYPE | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |

Fixture Finish

| White | - WHI | | |
|-------|-------|--|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



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.





INVISIBILI

| PROJECT |
|-----------|
| TYPE |
| SPECIFIER |
| QUANTITY |
| DATE |
| |

LEGEND

| \downarrow | floor-mounted | ¥ | pivotable | * | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
|---------------|--|----------|--|--------------|--|
| ラ | wall and ceiling: recessed and surface mounted | S | rotating | 0 | warm dim / natural dimming LED |
| 1 | ceiling-mounted and wall-mounted | Œ | illuminate tilted | 0 | rechargeable battery powered |
| \rightarrow | wall-mounted | I | color of suspension cable | ill neo | fixture with natural vivid LED (upon request) |
| Y | omni-directional light distribution | 1 | length of suspension cable | CRI | color rendering index |
| Ä | direct light distribution | | reflector degree selection | (K) | color temperature |
| X | direct/indirect light distribution | s s | super spot | (M) | lumen (luminous flux) |
| M | indirect light distribution | * | lens | ₩) | efficacy (lumens per watt) |
| | asymmetric light distribution | 8 | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| X | 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 | 30 | walk on |
| \Box | square wall or ceiling cut-out | Ġ | free individual colors 01-29 | 9 | drive on |
| 4 | the supplied jig specifies the cutout dimensions | ē | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC | Dark Sky Compliance |
| d •+ | minimum distance (meters) lamp - object | ♦ | luminaire part to be colored (F1) | Ġ | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| $\hat{\pm}$ | 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) | () | acoustic material |
| | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) | | luminaire part to be colored (F5) | | protection class I, protection insulation |
| | included or excluded LED driver/transformer/ control gear | • | color of 3-circuit adaptor | | protection class II, protection insulation |
| み | separately switchable | \odot | indirect diffuser | . (1) | ETL Certified to UL and CSA Standards |
| 9 | sensor | O | direct diffuser | .(H). | UL Certified to UL and CSA Standards |
| | remote control | 0 | ball-proof (upon request) | (B) | CSA Certified to UL and CSA Standards |
| 9 | available upon request | 0 | 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 |
| 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)

| 100000 | 288 (400 C) - 26 5 (100 C) - 26 5 (|
|--------|---|
| 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