ZANEEN_®

CALIBER 150 RECESSED

E12I0014-

base number Color

Finish Lens Temperature Options 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: Caliber |
|--|
| Subseries: Caliber 150 |
| Brand: Unonovesette |
| Division: Exterior |
| Mounting Type: Recessed |
| Mounting Location: In-Ground |
| Subcategory: Drive Over |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 150 |
| Diameter (in): 6 |
| Height (mm): 107.5 |
| Height (in): 4 1/4 |
| Light Distribution: Direct |
| Weight (kg): 1.61 |
| Weight (lbs): 3.57 |
| Load Resistance (kg): 2500 |
| Load Resistance (lbs): 5511 |
| Installation Requirement: Housing box |
| Diffuser: Extra clear tempered / Frosted glass 8mm |
| Fixture Finish: ASB / SST |
| Fixture Material: Stainless Steel AISI 316L |
| Cable Details: 350mm NS20N PCP 2x0.5 mm2 |

ELECTRICAL

| Lamp Type: LED | |
|---|--|
| Total Output Wattage (W): 22 | |
| Dimming: Non-Dimmable | |
| Driver Included: No | |
| Driver Location: Remote | |
| Driver Type: Constant Voltage - Universal | |
| Driver Class: Class 2 | |
| Input Voltage (V): 120 - 277 | |
| Output Voltage (V): 48 | |
| Upon Request: 0-10Vdc Dimming | |
| | |

LED

| Number of LEDs: 1 | |
|--|---|
| Color Temperature (°K): 2700 / 3000 / 4000 | |
| Max. Delivered Lumen (lm): 2090 | |
| CRI: >92 CRI | |
| | - |

| Lamp | Life | (hrs): | 100000 | |
|------|------|--------|--------|--|
| | | | | |

OPTICAL

| Optic°: 10 / 20 | / 40 / 55 / | / 10x45 |
|-----------------|-------------|---------|
|-----------------|-------------|---------|

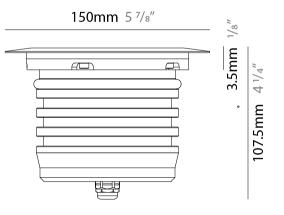
Beam Angle: Narrow / Medium / Wide / Flood / Elliptical Adjustability: Fixed

RATINGS AND CERTIFICATIONS

| Certified By: Certified for North American Standards |
|--|
| IP rating: IP67 |
| IK Rating: IK08 |
| Marine Grade: Stainless Steel AISI 316L |

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





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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.

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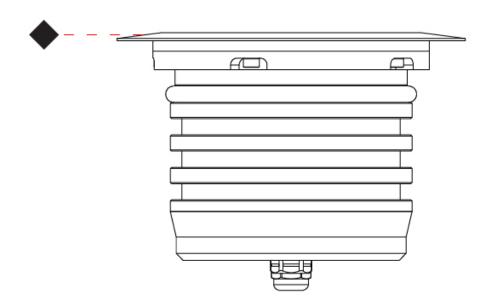
ZANEEN.

CALIBER 150 RECESSED

E12I0014-

PROJECT

| PROJECT | | | |
|-----------|--|--|--|
| ТҮРЕ | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |



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ZANEEN_®

CALIBER 150 RECESSED

E12|0027-

base number Color Temperature Options

Finish Lens 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: Caliber |
|--|
| Subseries: Caliber 150 |
| Brand: Unonovesette |
| Division: Exterior |
| Mounting Type: Recessed |
| Mounting Location: In-Ground |
| Subcategory: Drive Over |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 150 |
| Diameter (in): 6 |
| Height (mm): 107.5 |
| Height (in): $4\frac{1}{4}$ |
| Light Distribution: Direct |
| Load Resistance (kg): 1.62 |
| Load Resistance (lbs): 3.57 |
| Installation Requirement: Housing box |
| Diffuser: Extra clear tempered / Frosted glass 8mm |
| Fixture Finish: ASB / SST |
| Fixture Material: Stainless Steel AISI 316L |
| Cable Details: 350mm NS20N PCP 2x0.5 mm2 |
| ELECTRICAL |
| |

Lamn Type: LED

| Lamp Type: LED |
|---|
| Total Output Wattage (W): 13 |
| Dimming: Non-Dimmable / 0-10V Dimming |
| Driver Included: No |
| Driver Location: Remote |
| Driver Type: Constant Voltage - Universal |
| Driver Class: Class 2 |
| Input Voltage (V): 120 - 277 |
| Output Voltage (V): 48 |
| |

LED

Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 1418

CRI: >92 CRI Lamp Life (hrs): 100000

OPTICAL

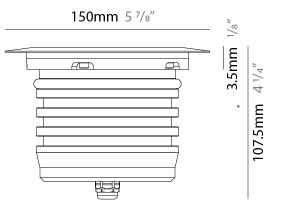
Optic°: 10 / 20 / 40 / 55 / 10x45

Beam Angle: Narrow / Medium / Wide / Flood / Elliptical Adjustability: Fixed

RATINGS AND CERTIFICATIONS

| Certified By: Certified for North American Standards |
|--|
| IP rating: IP68 (not for permanent immersion) |
| IK Rating: IK08 |
| Marine Grade: Stainless Steel AISI 316L |





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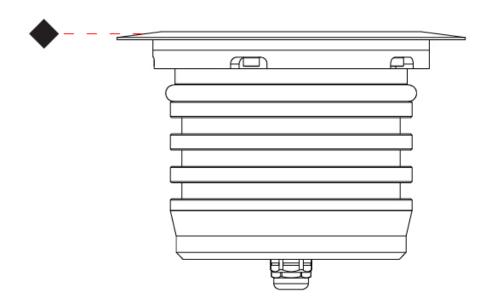
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ZANEEN.

CALIBER 150 RECESSED

E12I0027-

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



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CALIBER COLOR FINISH CHART

PROJECT

| FROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |

Fixture Finish

Machined aged solid brass - ASB



Stainless Steel - SST



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.

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CALIBER

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 |
| → | wall-mounted | Р | color of suspension cable | | fixture with natural vivid LED (upon request) |
| R | omni-directional light distribution | ← | length of suspension cable | CRI | color rendering index |
| À | direct light distribution | Δ | reflector degree selection | °K | color temperature |
| X | direct/indirect light distribution | s s | super spot | LM | lumen (luminous flux) |
| < | indirect light distribution | ≱• | lens | € | efficacy (lumens per watt) |
| | asymmetric light distribution | Ð | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| Ä | 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 | 6 | 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 | ľ. | individual colors: 00 (free of charge), 01-25 (extra charge) | Osc | 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) |
| Ŧ | 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) | (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 |
| | 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 (U) us | UL Certified to UL and CSA Standards |
| | remote control | \odot | ball-proof (upon request) | <u>ج</u> | CSA Certified to UL and CSA Standards |
| 2 | available upon request | 0 | accessory | (\mathbf{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 |
| 1954 | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions |
| 1965 | 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

| КО1 | 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) |
| К10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface) |