ZANEEN®

CALIBER 120 D RECESSED

E12I0036- ___ - ___ - ___

base number | Color Temperature | Finish Options | 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 120 D
Brand: Unonovesette
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over

PHYSICAL

Shape: Square
Diameter (mm): 116
Diameter (in): 4 $\frac{9}{16}$
Height (mm): 104
Height (in): 4 $\frac{1}{8}$
Light Distribution: Direct
Weight (kg): 0.900
Weight (lbs): 1.98
Installation Requirement: Housing box
Diffuser: Extra clear glass 6mm
Fixture Finish: ASB / SST
Fixture Material: Stainless Steel AISI 316L
Cable Details: 350mm NS20N PCP 2x0.5 mm2

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 8.1
Total Output Wattage (W): 5
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 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): 24

LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 515
CRI: >90 CRI
Lamp Life (hrs): 100000

OPTICAL

Optic°: 10 / 35 / 50
Beam Angle: Narrow / Medium / Wide
Adjustability: Rotational 360°; Tilt 15°

RATINGS AND CERTIFICATIONS

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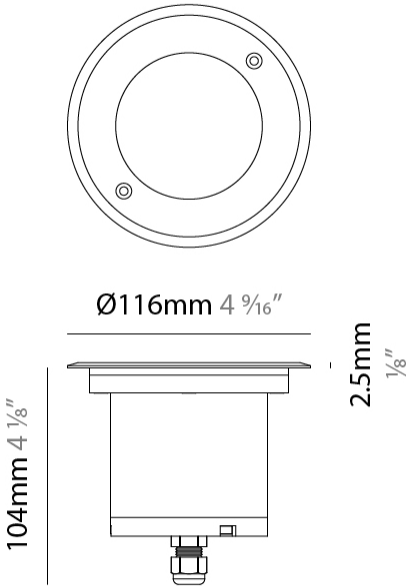IK Rating: IK08
Marine Grade: Stainless Steel AISI 316L

Ø116mm 4 $\frac{9}{16}$"

2.5mm $\frac{1}{8}$"

104mm 4 $\frac{1}{8}$"

E

June 2, 2024, 1:12 pm

ZANEEN®

CALIBER 120 D RECESSED

E12I0036-

E

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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June 2, 2024, 1:12 pm

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CALIBER 120 D RECESSED

E12I0037- _ - _

base number | Color Temperature | Finish Options | 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 120 D
Brand: Unonovesette
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over

PHYSICAL

Shape: Square
Diameter (mm): 116
Diameter (in): 4 9/16
Height (mm): 104
Height (in): 4 1/8
Light Distribution: Direct
Weight (kg): 0.900
Weight (lbs): 1.98
Installation Requirement: Housing box
Diffuser: Extra clear glass 6mm
Fixture Finish: ASB / SST
Fixture Material: Stainless Steel AISI 316L
Cable Details: 350mm NS20N PCP 2x0.5 mm2

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 9.04
Total Output Wattage (W): 8.5
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 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): 24

LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 730 (3000K)
CRI: >90 CRI
Lamp Life (hrs): 100000

OPTICAL

Optic°: 10 / 35 / 50
Beam Angle: Narrow / Medium / Wide
Adjustability: Rotational 360°; Tilt 15°

RATINGS AND CERTIFICATIONS

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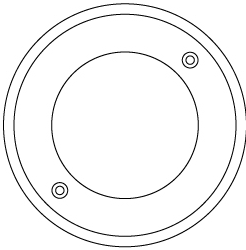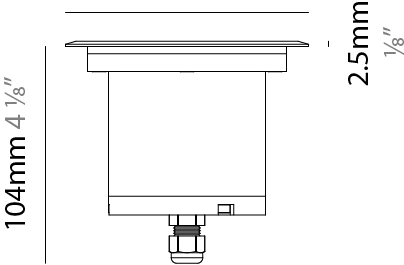IK Rating: IK08
Marine Grade: Stainless Steel AISI 316L

Ø116mm 4 9/16"

2.5mm 1/8"

104mm 4 1/8"

E

June 2, 2024, 1:12 pm

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CALIBER 120 D RECESSED

E12I0037-

E

June 2, 2024, 1:12 pm

ZANEEN®

CALIBER 120 D RECESSED

E12I0039-   –

base number   Color   Finish
          Temperature   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 120 D
Brand: Unonovesette
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over

PHYSICAL

Shape: Square
Diameter (mm): 116
Diameter (in): 4 $\frac{9}{16}$
Height (mm): 104
Height (in): 4 $\frac{1}{8}$
Light Distribution: Direct
Weight (kg): 0.900
Weight (lbs): 1.98
Installation Requirement: Housing box
Diffuser: Extra clear glass 6mm
Fixture Finish: ASB / SST
Fixture Material: Stainless Steel AISI 316L
Cable Details: 350mm NS20N PCP 2x0.5 mm2

ELECTRICAL

Lamp Type: LED
Input Wattage (W): 10.4
Total Output Wattage (W): 8.6
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP8
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Constant Voltage (V): 24.06

LED

Number of LEDs: 1
Color Temperature (°K): RGBW
CRI: >90 CRI
Lamp Life (hrs): 100000

OPTICAL

Optic°: 35
Beam Angle: Medium
Adjustability: Rotational 360°; Tilt 15°

RATINGS AND CERTIFICATIONS

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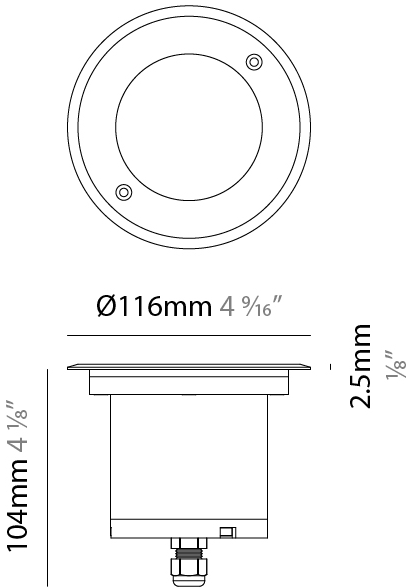Marine Grade: Stainless Steel AISI 316L

Ø116mm 4 $\frac{9}{16}$"

2.5mm $\frac{1}{8}$"

104mm 4 $\frac{1}{8}$"

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June 2, 2024, 1:12 pm

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CALIBER 120 D RECESSED

E12I0039-

E

June 2, 2024, 1:12 pm

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CALIBER
COLOR FINISH CHART

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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June 2, 2024, 1:12 pm

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CALIBER

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

LEGEND

floor-mounted		pivotable		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+	
wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED	
ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered	
wall-mounted		color of suspension cable		fixture with natural vivid LED (upon request)	
omni-directional light distribution		length of suspension cable		color rendering index	
direct light distribution		reflector degree selection		color temperature	
direct/indirect light distribution		super spot		lumen (luminous flux)	
indirect light distribution		lens		efficacy (lumens per watt)	
asymmetric light distribution		lens pack		Unified Glare Rating (UGR) range from 5-40	
aura light distribution		shine ring		marine grade (AISI 316 stainless steel)	
round wall or ceiling cut-out		integrated shine ring with diffuser		walk on	
square wall or ceiling cut-out		free individual colors 01-29		drive on	
the supplied jig specifies the cutout dimensions		individual colors: 00 (free of charge), 01-25 (extra charge)		Dark Sky Compliance	
minimum distance (meters) lamp - object		luminaire part to be colored (F1)		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)		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	
separately switchable		indirect diffuser		ETL Certified to UL and CSA Standards	
sensor		direct diffuser		UL Certified to UL and CSA Standards	
remote control		ball-proof (upon request)		CSA Certified to UL and CSA Standards	
available upon request		accessory		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

IK01	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)
IK03	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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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