

INVADER SHORT SURFACE

| A33268 | | - | - | - | - |
|-------------|-------|----------|------------------------|----------|-----------|
| base number | Color | Finishes | Finishes (Triangle) | Finishes | Reflector |

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: Invader Standard |
|--------------------------|
| Subseries: Invader Short |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Surface |
| Mounting Location: Wall |
| Subcategory: Spots |

| Mounting Type: Surface |
|---|
| Mounting Location: Wall |
| Subcategory: Spots |
| PHYSICAL |
| Shape: Cylinder |
| Diameter (mm): 75 |
| Diameter (in): 2 15/16 |
| Height (mm): 150 |
| Depth (mm): 115 |
| Height (in): 5 1/8 |
| Depth (in): 4 ½ |
| Light Distribution: Downlight |
| Weight (kg): 0.753 |
| Weight (lbs): 1.66 |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / |

MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum

| ELECTRICAL |
|---|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 7.7 |
| Total Output Wattage (W): 7 |
| Dimming: Non-Dimmable |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Current |
| Driver Class: Class 2 |
| Input Voltage (V): 120 |
| Constant Current (MA): 350 |
| Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / Non-dimming 120/277Vac |

LED

| Number of LEDs: 1 |
|-------------------|
|-------------------|

| Trainiber of EEDOLE |
|---|
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 390 / 400 / 421 / 430 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |
| |

OPTICAL

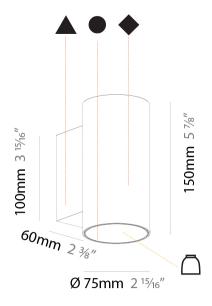
Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

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

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





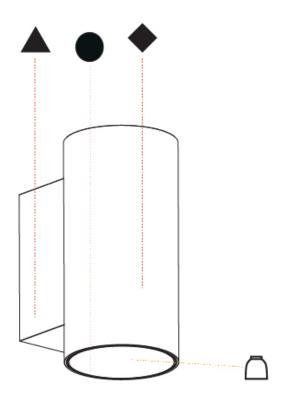




INVADER SHORT SURFACE

A33268-

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





ZANEEN

INVADER SHORT SURFACE

| A33272 | | | | | | |
|-------------|----------------------|-----------------------|------------------------|----------------------|-----------|--|
| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (Circle) | Reflector | |

- 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: Invader Standard | |
|--------------------------|--|
| Subseries: Invader Short | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Surface | |
| Mounting Location: Wall | |
| Subcategory: Ambient | |

| Mounting Type: Surface |
|---|
| Mounting Location: Wall |
| Subcategory: Ambient |
| PHYSICAL |
| Shape: Cylinder |
| Diameter (mm): 75 |
| Diameter (in): 2 15/16 |
| Height (mm): 150 |
| Depth (mm): 115 |
| Height (in): 5 $\frac{7}{8}$ |
| Depth (in): 4 ½ |
| Light Distribution: Direct / Indirect |
| Weight (kg): 0.87 |
| Weight (lbs): 1.92 |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / |

MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum

ELECTRICAL Lamp Type: LED (Zhaga Standard) Input Wattage (W): 14.3 Total Output Wattage (W): 13 Dimming: Non-Dimmable Driver Included: Yes Driver Location: Integrated **Driver Type: Constant Current** Driver Class: Class 2 Input Voltage (V): 120 Constant Current (MA): 350 Upon Request: (Not included - see components) Remote: 0-10Vdc

dimming / Phase dimming @120Vac only / Non-dimming 120/277Vac

LED

Number of LEDs: 2

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1100 / 1140 / 1186 / 1210 CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 20 / 40 / 60

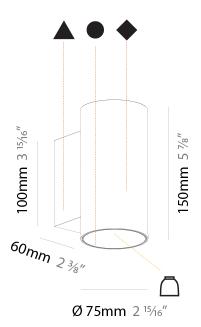
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

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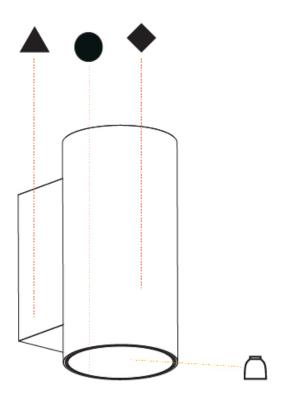




INVADER SHORT SURFACE

A33272-

| PROJECT | | | |
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INVADER STANDARD

| PROJECT | | |
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Fixture Finish



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently betwee Physical: When texture is involved, there will be variations in color, character and tone within a pro



and between product families.



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LEGEND

| T | | _ | a 85 | | special LED (upon request) PGR_PGRW_tunable |
|-----------------------|--|----------|--|--------------|--|
| <u></u> | floor-mounted | ¥ | pivotable | ⊛ | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
| 7 | wall and ceiling: recessed and surface mounted | ى | rotating | 0 | warm dim / natural dimming LED |
| $\overline{\uparrow}$ | ceiling-mounted and wall-mounted | Œ | illuminate tilted | 0 | rechargeable battery powered |
| \rightarrow | wall-mounted | I | color of suspension cable | 71-600 | fixture with natural vivid LED (upon request) |
| Y | omni-directional light distribution | 1 | length of suspension cable | CRI | color rendering index |
| $\dot{\Delta}$ | direct light distribution | | reflector degree selection | (K) | color temperature |
| X | direct/indirect light distribution | s s | super spot | (LM) | lumen (luminous flux) |
| Y | indirect light distribution | * | lens | ₩ | efficacy (lumens per watt) |
| | asymmetric light distribution | 8 | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| | 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 |
| ZŢ | square wall or ceiling cut-out | | free individual colors 01-29 | ② | drive on |
| 4 | the supplied jig specifies the cutout dimensions | Ĉ | individual colors: 00 (free of charge), 01-25 (extra charge) | OSC | Dark Sky Compliance |
| □ •+ | 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) | 4⊚ | 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 |
| 8 | separately switchable | \odot | indirect diffuser | . . | ETL Certified to UL and CSA Standards |
| 9 | sensor | 0 | direct diffuser | دول) ه | UL Certified to UL and CSA Standards |
| | remote control | 0 | ball-proof (upon request) | (II) | CSA Certified to UL and CSA Standards |
| J | available upon request | O | 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 |
| 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)

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) |
| IKOB | 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) $$ |

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm