

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

INVADER MICRO-DOT RECESSED

A350030-

| | | | |
|-------------|-------------|-----------|-----------|
| base number | Color | Finishes | Reflector |
| | Temperature | (Diamond) | Options |

- To build a product code in our configurator select the specify button on the base model # product page
- 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 Micro-Dot |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 39 |
| Diameter (in): 1 9/16 |
| Height (mm): 71 |
| Height (in): 2 13/16 |
| Ceiling Thickness (mm): 10 - 30 |
| Ceiling Thickness (in): 3/16 - 1 3/16 |
| Min. Recessing Depth (mm): 90 |
| Min. Recessing Depth (in): 3 9/16 |
| Light Distribution: Downlight |
| Installation Requirement: Ceiling Thickness: 10mm - 30mm |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR |
| Fixture Material: Aluminum |
| Cut-out Measurements: 45mm / 1 3/4" |

ELECTRICAL

| |
|---|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 9 |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 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): 700 |

LED

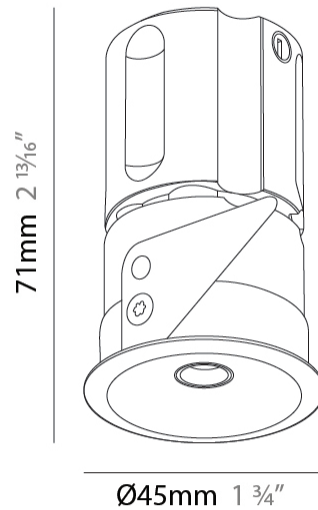
| |
|---|
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 396 / 420 / 443 / 462 |
| Nominal Lumen (lm): 588 / 623 / 657 / 686 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |

OPTICAL

| |
|-----------------|
| Optic°: 32 / 58 |
|-----------------|

RATINGS AND CERTIFICATIONS

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



INVADER MICRO-DOT RECESSED

A350030-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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

INVADER MICRO-DOT RECESSED

A350031-

| | | | |
|-------------|----------------------|-----------------------|----------------------|
| base number | Color Temperature | Finishes (Diamond) | Reflector Options |
|-------------|----------------------|-----------------------|----------------------|

- To build a product code in our configurator select the specify button on the base model # product page
- 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 Micro-Dot |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 39 |
| Diameter (in): 1 9/16 |
| Height (mm): 49 |
| Height (in): 3 7/8 |
| Ceiling Thickness (mm): 10 - 30 |
| Ceiling Thickness (in): 3/16 - 1 3/16 |
| Min. Recessing Depth (mm): 65 |
| Min. Recessing Depth (in): 2 9/16 |
| Light Distribution: Downlight |
| Installation Requirement: Ceiling Thickness: 10mm - 30mm |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR |
| Fixture Material: Aluminum |
| Cut-out Measurements: 45mm / 1 3/4" |

ELECTRICAL

| |
|---|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 6 |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 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): 500 |

LED

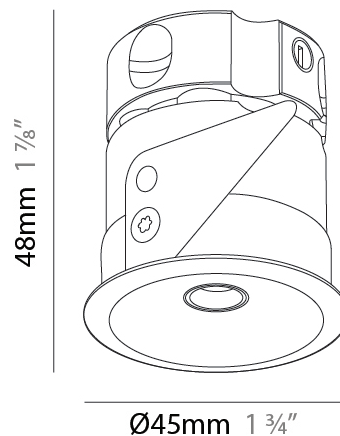
| |
|---|
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 310 / 328 / 347 / 356 |
| Nominal Lumen (lm): 460 / 487 / 514 / 528 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |

OPTICAL

| |
|-----------------|
| Optic°: 32 / 58 |
|-----------------|

RATINGS AND CERTIFICATIONS

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



INVADER MICRO-DOT RECESSED

A350031-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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| PROJECT | _____ |
| TYPE | _____ |
| SPECIFIER | _____ |
| QUANTITY | _____ |
| DATE | _____ |

INVADER MICRO-DOT TRIMLESS

A350032-

| | | | |
|-------------|-------------|-----------|-----------|
| base number | Color | Finishes | Reflector |
| | Temperature | (Diamond) | Options |

- To build a product code in our configurator select the specify button on the base model # product page
- 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 Micro-Dot |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Trimless |
| Mounting Location: Ceiling |
| Subcategory: Downlight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 39 |
| Diameter (in): 1 5/16 |
| Height (mm): 49 |
| Height (in): 3 7/8 |
| Ceiling Thickness (mm): 10 - 30 |
| Ceiling Thickness (in): 3/16 - 1 3/16 |
| Min. Recessing Depth (mm): 65 |
| Min. Recessing Depth (in): 2 5/16 |
| Light Distribution: Downlight |
| Installation Requirement: Ceiling Thickness: 10mm - 30mm |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR |
| Fixture Material: Aluminum |
| Cut-out Measurements: 45mm / 1 3/4" |

ELECTRICAL

| |
|---|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 6 |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 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): 500 |

LED

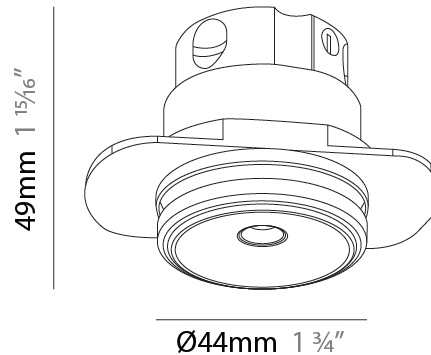
| |
|---|
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 310 / 328 / 347 / 356 |
| Nominal Lumen (lm): 460 / 487 / 514 / 528 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |

OPTICAL

| |
|-----------------|
| Optic°: 32 / 58 |
|-----------------|

RATINGS AND CERTIFICATIONS

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



INVADER MICRO-DOT TRIMLESS

A350032-

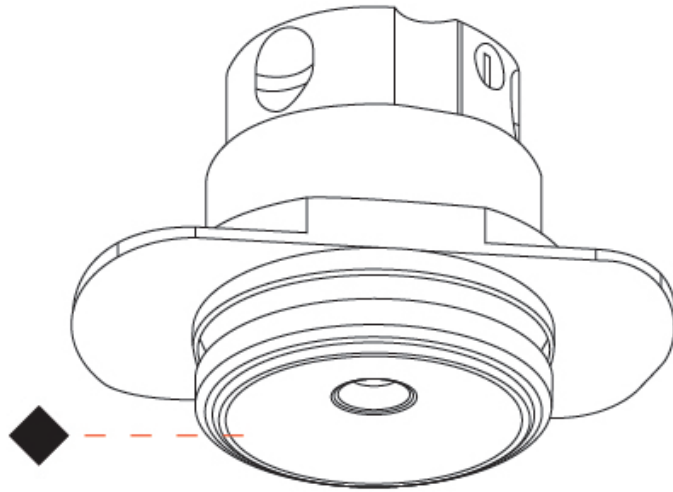
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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

INVADER MICRO-DOT TRIMLESS

A350033-

| | | | |
|-------------|-------------|-----------|-----------|
| base number | Color | Finishes | Reflector |
| | Temperature | (Diamond) | Options |

- To build a product code in our configurator select the specify button on the base model # product page
- 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 Micro-Dot |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Trimless |
| Mounting Location: Ceiling |
| Subcategory: Downlight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 39 |
| Diameter (in): 1 ⁹ / ₁₆ |
| Height (mm): 71 |
| Height (in): 2 ¹³ / ₁₆ |
| Ceiling Thickness (mm): 10 - 30 |
| Ceiling Thickness (in): 3/16 - 1 3/16 |
| Min. Recessing Depth (mm): 90 |
| Min. Recessing Depth (in): 3 ⁹ / ₁₆ |
| Light Distribution: Downlight |
| Installation Requirement: Ceiling Thickness: 10mm - 30mm |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR |
| Fixture Material: Aluminum |
| Cut-out Measurements: 45mm / 1 3/4" |

ELECTRICAL

| |
|---|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 9 |
| Total Output Wattage (W): 8.2 |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 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): 700 |

LED

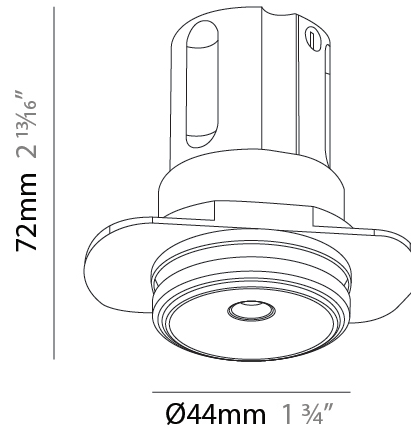
| |
|---|
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 396 / 420 / 443 / 462 |
| Nominal Lumen (lm): 588 / 623 / 657 / 686 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |

OPTICAL

| |
|-----------------|
| Optic°: 32 / 58 |
|-----------------|

RATINGS AND CERTIFICATIONS

| |
|--|
| Certified By: Certified for North American Standards |
| IP rating: IP40 |
| Glare Rating: ≤ 10 |



INVADER MICRO-DOT TRIMLESS

A350033-

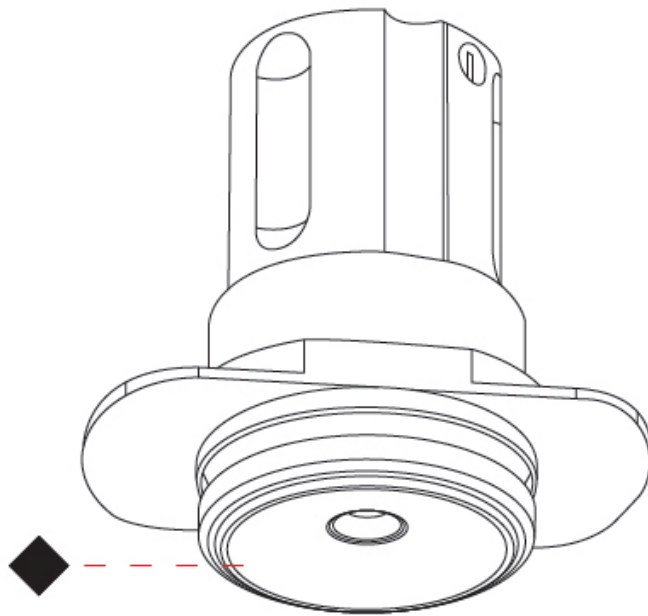
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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INVADER MICRO-DOT COLOR FINISH CHART

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

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.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles which ensures a highly individual effect and no luminaire being identical.

Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.



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| 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

| | |
|--|--|
| | protected against ingress of solid bodies greater than 12.5mm (finger) |
| | protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain) |
| | protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture |
| | protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) |
| | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions |
| | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions |
| | protected against ingress of dust protected against jets of water |
| | protected against ingress of dust protected against powerful jets of water or heavy seas |
| | protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes |
| | protected against ingress of dust protected against immersion of water under pressure for long periods |

IK RATING

| | |
|--|---|
| | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface) |
| | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface) |
| | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
| | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface) |
| | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface) |
| | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface) |
| | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) |
| | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) |
| | 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) |