

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

INVADER ADJUSTABLE TRIMLESS

A35525-

| | | | | | |
|-------------|-------------|--------------------|---------------------|-------------------|-------------------|
| base number | LED Dimming | Finishes (Diamond) | Finishes (Triangle) | Ceiling Thickness | 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 Standard
 Subseries: Invader Adjustable
 Brand: Prolight
 Division: Architectural
 Mounting Type: Trimless
 Mounting Location: Ceiling
 Subcategory: Downlight

PHYSICAL

Shape: Round
 Diameter (mm): 90
 Diameter (in): 3 9/16
 Height (mm): 126
 Height (in): 4 5/16
 Ceiling Thickness (mm): 10 / 12.5 / 15
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16
 Min. Recessing Depth (mm): 115
 Min. Recessing Depth (in): 4 1/2
 Light Distribution: Adjustable / Direct
 Weight (kg): 0.65
 Weight (lbs): 1.43
 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: 115mm / 4 1/2"
 Upon Request: Unique Sizes Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 16.5
 Total Output Wattage (W): 14.7
 Dimming: Dali Dimming
 Driver Included: No
 Driver Location: Recessed Housing
 Driver Type: Constant Current - 120Vac
 Driver Class: Class 2
 Housing: See components
 Input Voltage (V): 120
 Constant Current (MA): 350

LED

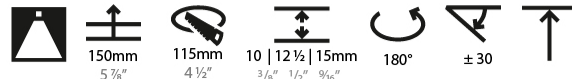
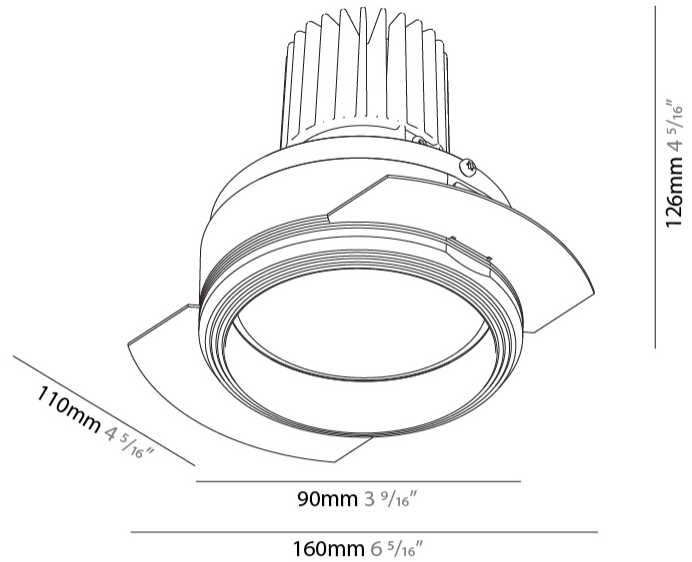
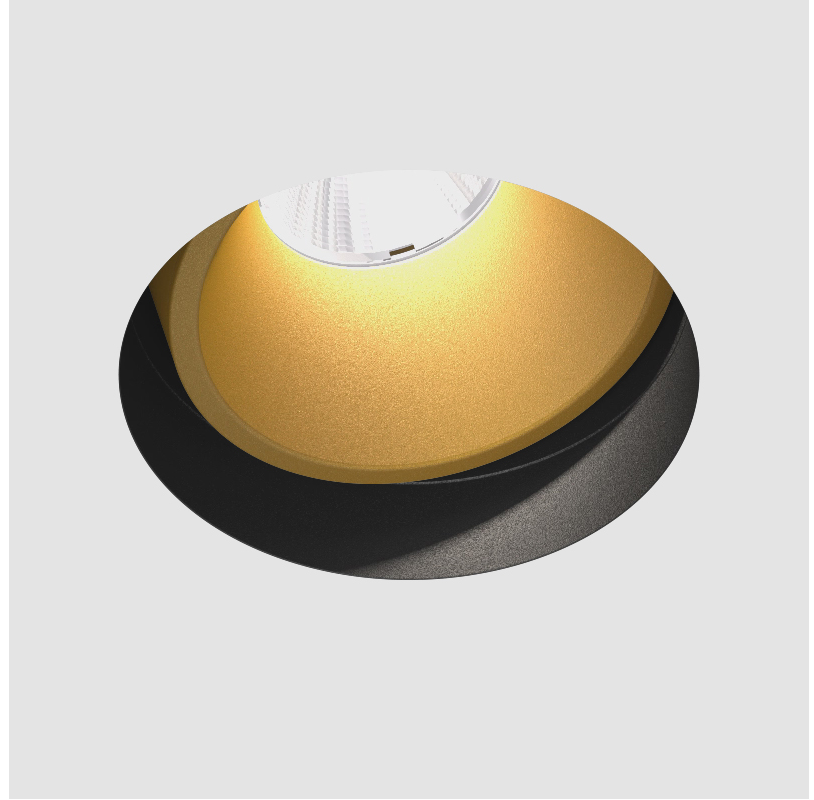
Number of LEDs: 1
 Color Temperature (°K): Warm Dim
 Max. Delivered Lumen (lm): 770
 CRI: >90 CRI
 Lamp Life (hrs): 50000
 Upon Request: RGB-W Tunable White Special Color Temperature Special LED

OPTICAL

Reflector: 20 / 40 / 60
 Adjustability: Rotational 180°; Tilt 30°

RATINGS AND CERTIFICATIONS

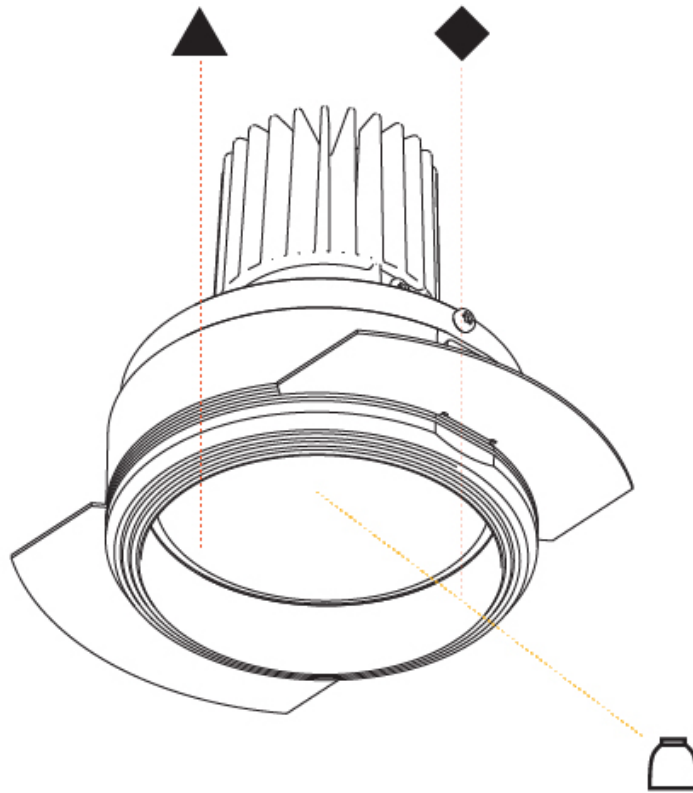
Certified By: Certified for North American Standards
 IP rating: IP20



INVADER ADJUSTABLE TRIMLESS

A35525-

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



INVADER STANDARD RECESSED

A35538- _____ - _____

base number 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 Standard
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Ceiling
 Subcategory: Downlight

PHYSICAL

Shape: Round
 Diameter (mm): 85
 Diameter (in): 3 ³/₈
 Height (mm): 105
 Height (in): 4 ¹/₈
 Ceiling Thickness (mm): 5 - 30
 Ceiling Thickness (in): 1/16 - 1 3/16
 Min. Recessing Depth (mm): 110
 Min. Recessing Depth (in): 4 ⁵/₁₆
 Light Distribution: Downlight
 Weight (kg): 0.319
 Weight (lbs): 0.7
 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 Die Cast
 Cut-out Measurements: D = 80mm / 3 1/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Total Output Wattage (W): 15
 Dimming: Dali Dimming
 Driver Included: No
 Driver Location: Recessed Housing
 Housing: See components
 Input Voltage (V): 120
 Constant Current (MA): 350

LED

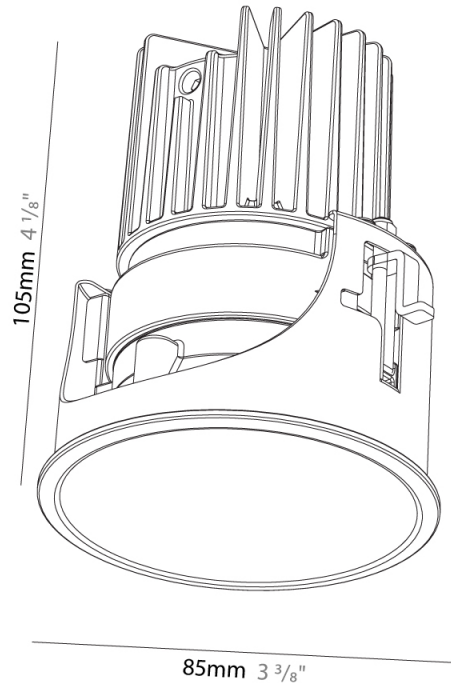
Number of LEDs: 1
 Color Temperature (°K): Warm Dim
 Max. Delivered Lumen (lm): 760
 Nominal Lumen (lm): 1140
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Reflector°: [20 / 40 / 60](#)

RATINGS AND CERTIFICATIONS

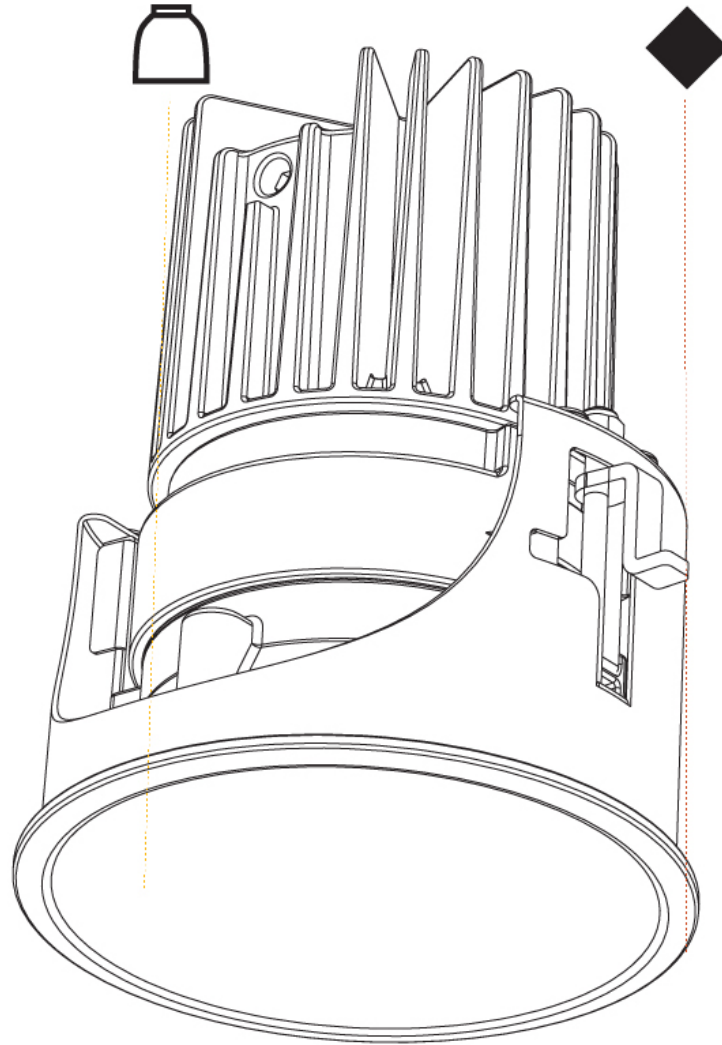
Certified By: Certified for North American Standards
 IP rating: IP20



INVADER STANDARD RECESSED

A35538-

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

INVADER ADJUSTABLE RECESSED

A35539-

base number Finishes (Diamond) Finishes (Triangle) 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 Standard
 Subseries: Invader Adjustable
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Ceiling
 Subcategory: Downlight

PHYSICAL

Shape: Round
 Diameter (mm): 109
 Diameter (in): 4 5/16
 Height (mm): 105
 Height (in): 4 1/8
 Min. Recessing Depth (mm): 120
 Min. Recessing Depth (in): 4 3/4
 Light Distribution: Adjustable / Downlight
 Weight (kg): 0.421
 Weight (lbs): 0.93
 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: 104mm / 4 1/8"

ELECTRICAL

Lamp Type: LED
 Input Wattage (W): 16.5
 Total Output Wattage (W): 15
 Dimming: Dali Dimming
 Driver Included: No
 Driver Location: Recessed Housing
 Input Voltage (V): 120
 Constant Current (MA): 350

LED

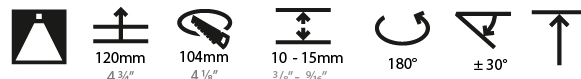
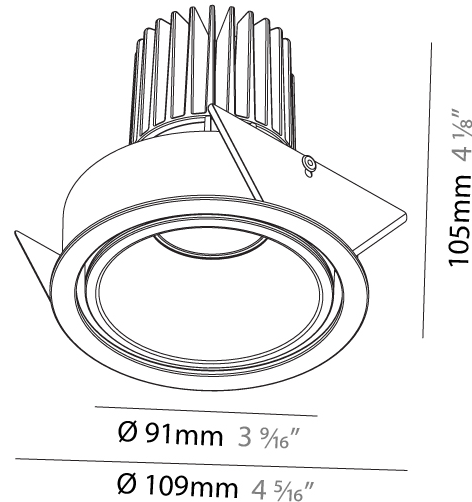
Number of LEDs: 1
 Max. Delivered Lumen (lm): 760
 Nominal Lumen (lm): 1140
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Reflector: 20 / 40 / 60
 Adjustability: Rotational 180°; Tilt 30°

RATINGS AND CERTIFICATIONS

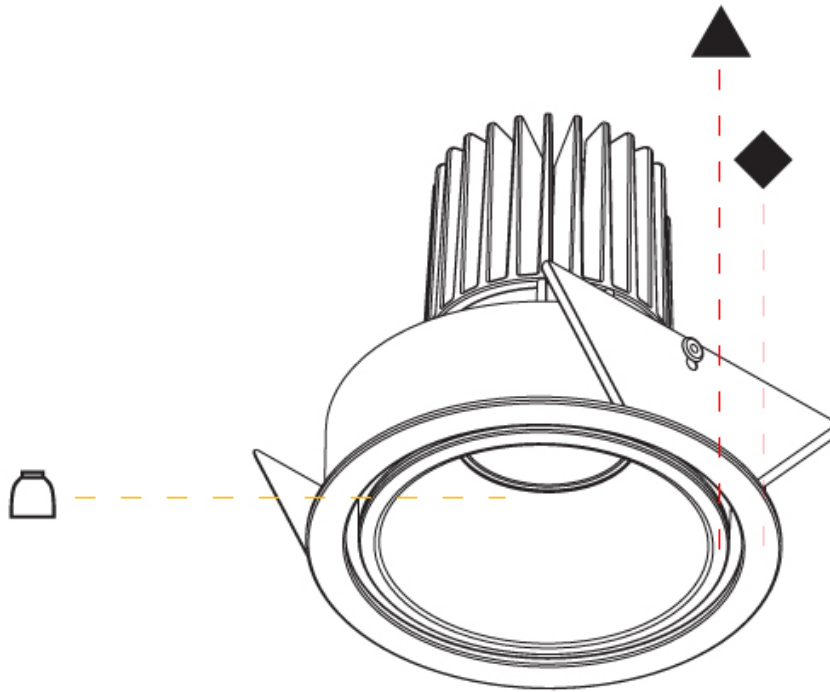
Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



INVADER ADJUSTABLE RECESSED

A35539-

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

INVADER STANDARD TRIMLESS

A35576-

| | | | |
|-------------|-----------------------|----------------------|----------------------|
| base number | Finishes (Diamond) | Ceiling Thickness | 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 Standard |
| Subseries: Invader Standard |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Trimless |
| Mounting Location: Ceiling |
| Subcategory: Downlight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 71 |
| Diameter (in): 2 13/16 |
| Height (mm): 99 |
| Height (in): 3 7/8 |
| Ceiling Thickness (mm): 10 / 12.5 / 15 |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16 |
| Min. Recessing Depth (mm): 115 |
| Min. Recessing Depth (in): 4 1/2 |
| Light Distribution: Downlight |
| Weight (kg): 0.359 |
| Weight (lbs): 0.79 |
| Installation Requirement: Ceiling Thickness: 10mm / 12mm / 15mm |
| 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: 79mm / 3 1/8" |
| Upon Request: Unique Sizes Unique Ceiling Thickness |

ELECTRICAL

| |
|--|
| Lamp Type: LED (Zhaga Standard) |
| Total Output Wattage (W): 14.7 |
| Dimming: Dali Dimming |
| Driver Location: Recessed Housing |
| Driver Type: Constant Current - 120Vac |
| Housing: See Components |
| Input Voltage (V): 120 |
| Constant Current (MA): 350 |

LED

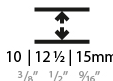
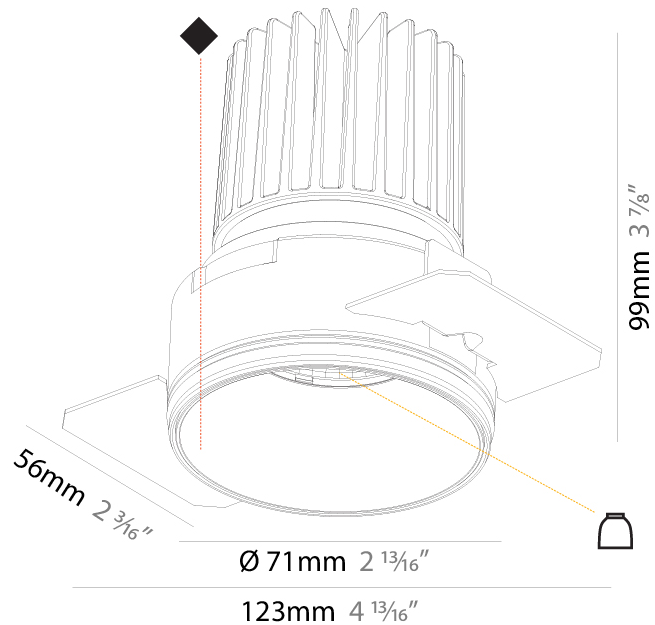
| |
|---|
| Number of LEDs: 1 |
| Color Temperature (°K): Warm Dim |
| Max. Delivered Lumen (lm): 770 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |
| Upon Request: RGB-W Tunable White Special Color Temperature |

OPTICAL

| |
|-----------------------------------|
| Reflector°: 20 / 40 / 60 |
| Upon Request: Special Beam Angles |

RATINGS AND CERTIFICATIONS

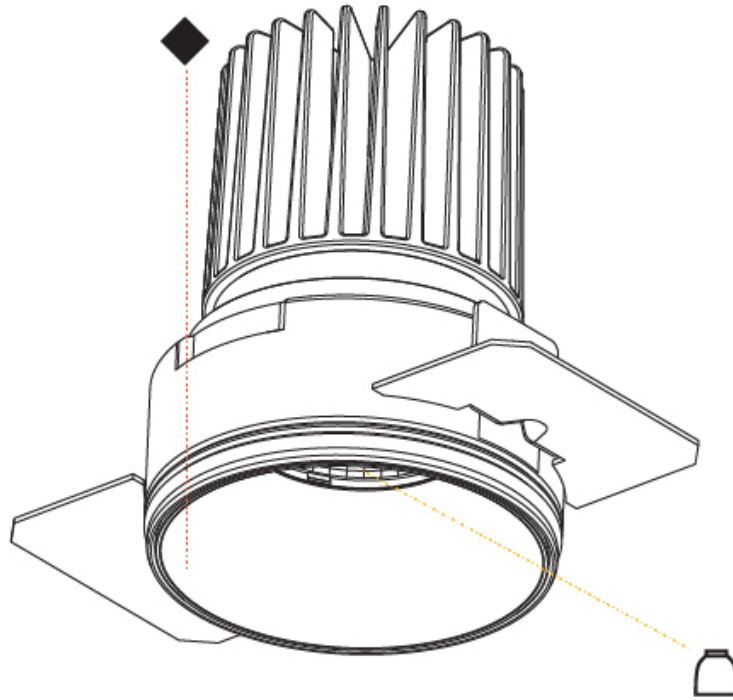
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| Certified By: Certified for North American Standards |
| IP rating: IP20 |



INVADER STANDARD TRIMLESS

A35576-

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



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

INVADER STANDARD RECESSED

A35601-

| | | | | |
|-------------|----------------------|-----------------------|------------------------|----------------------|
| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | 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 Standard
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Ceiling
 Subcategory: Downlight

PHYSICAL

Shape: Round
 Diameter (mm): 109
 Diameter (in): 4 5/16
 Height (mm): 105
 Height (in): 4 1/8
 Min. Recessing Depth (mm): 120
 Min. Recessing Depth (in): 4 3/4
 Light Distribution: Adjustable / Direct
 Weight (kg): 0.434
 Weight (lbs): 0.96
 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: 104mm / 4 1/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 14.3
 Total Output Wattage (W): 13
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: No
 Driver Location: Recessed Housing
 Driver Type: Constant Current - Universal
 Housing: See components
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350

LED

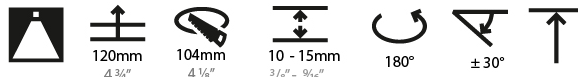
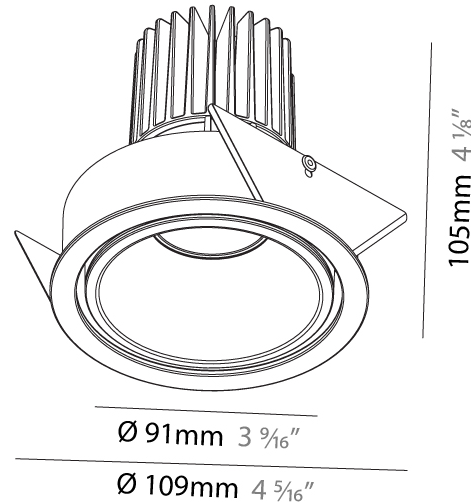
Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 890 / 920 / 970 / 990
 Nominal Lumen (lm): 1304 / 1352 / 1421 / 1450
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Reflector°: 20 / 40 / 60
 Adjustability: Rotational 180°; Tilt 30°

RATINGS AND CERTIFICATIONS

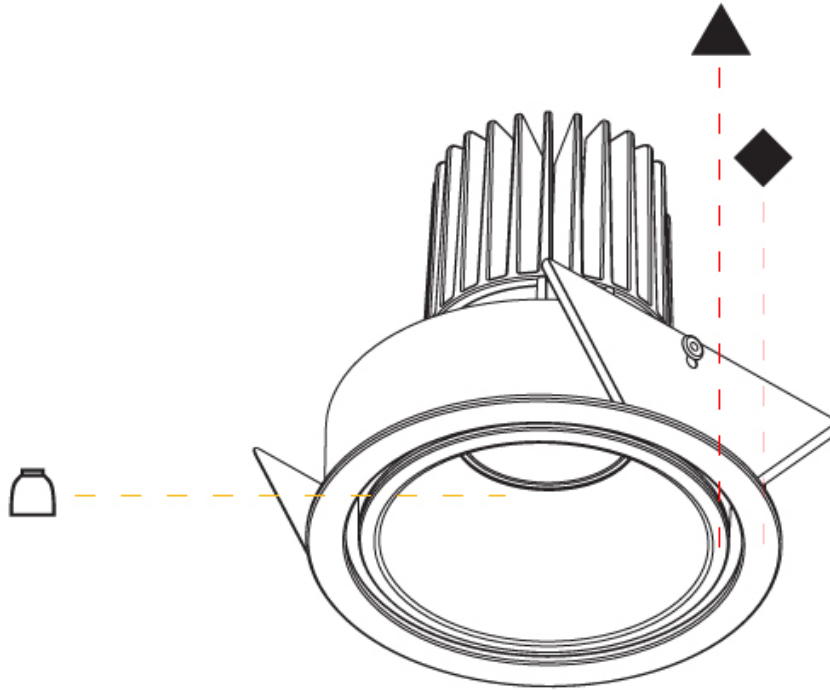
Certified By: Certified for North American Standards
 IP rating: IP20



INVADER STANDARD RECESSED

A35601-

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



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

INVADER STANDARD RECESSED

A35602-

| | | | |
|-------------|----------------------|-----------------------|----------------------|
| 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 Standard |
| Subseries: Invader Standard |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 85 |
| Diameter (in): 3 3/8 |
| Height (mm): 105 |
| Height (in): 4 1/8 |
| Ceiling Thickness (mm): 5 - 30 |
| Min. Recessing Depth (mm): 110 |
| Min. Recessing Depth (in): 4 5/16 |
| Light Distribution: Downlight |
| Weight (kg): 0.322 |
| Weight (lbs): 0.71 |
| 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: Dia: 80mm 3 1/8" |

ELECTRICAL

| |
|---|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 14.3 |
| Total Output Wattage (W): 13 |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) |
| Driver Included: No |
| Driver Location: Recessed Housing |
| Driver Type: Constant Current - Universal |
| Housing: See components |
| Input Voltage (V): 120 - 277 |
| Constant Current (MA): 350 |

LED

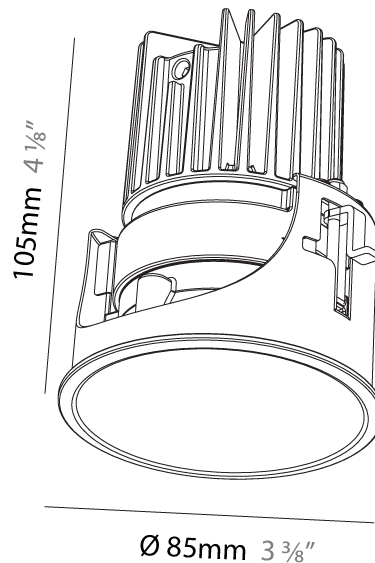
| |
|---|
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 870 / 910 / 951 / 970 |
| Nominal Lumen (lm): 1304 / 1352 / 1421 / 1450 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |

OPTICAL

| |
|-------------------------|
| Reflector: 20 / 40 / 60 |
|-------------------------|

RATINGS AND CERTIFICATIONS

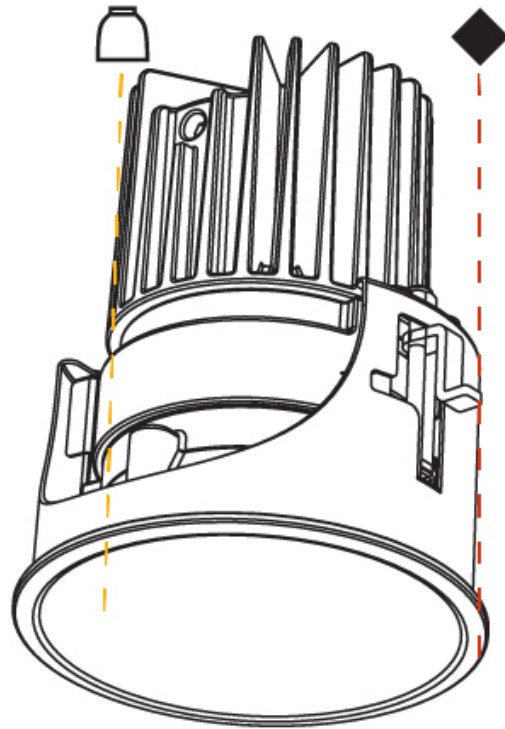
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| Certified By: Certified for North American Standards |
| IP rating: IP20 |



INVADER STANDARD RECESSED

A35602-

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



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

INVADER STANDARD RECESSED

A35603-

| | | | |
|-------------|----------------------|-----------------------|----------------------|
| 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 Standard
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Ceiling
 Subcategory: Downlight

PHYSICAL

Shape: Round
 Diameter (mm): 85
 Diameter (in): 3 3/8
 Height (mm): 87
 Height (in): 3 7/16
 Ceiling Thickness (mm): 10 / 12.5 / 15
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16
 Min. Recessing Depth (mm): 90
 Light Distribution: Downlight
 Weight (kg): 0.233
 Weight (lbs): 0.51
 Fixture Material: Aluminum Die Cast
 Cut-out Measurements: Dia: 80mm 3 1/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 9.9
 Total Output Wattage (W): 9
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: No
 Driver Location: Recessed Housing
 Driver Type: Constant Current - Universal
 Housing: See components
 Input Voltage (V): 120 - 277
 Constant Current (MA): 250

LED

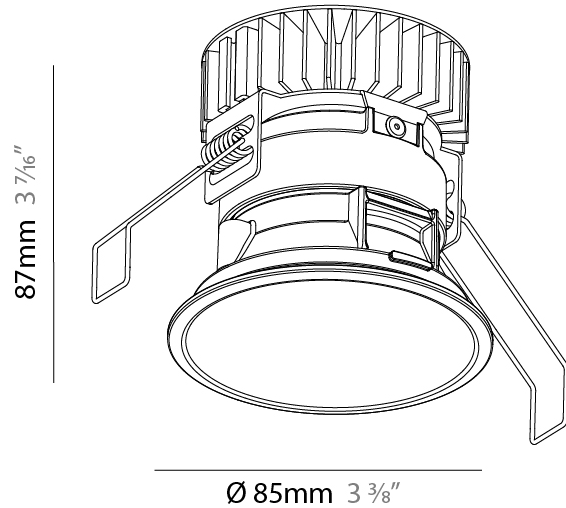
Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 650 / 680 / 715 / 730
 Nominal Lumen (lm): 960 / 995 / 1046 / 1067
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Reflector: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

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



INVADER STANDARD RECESSED

A35603-

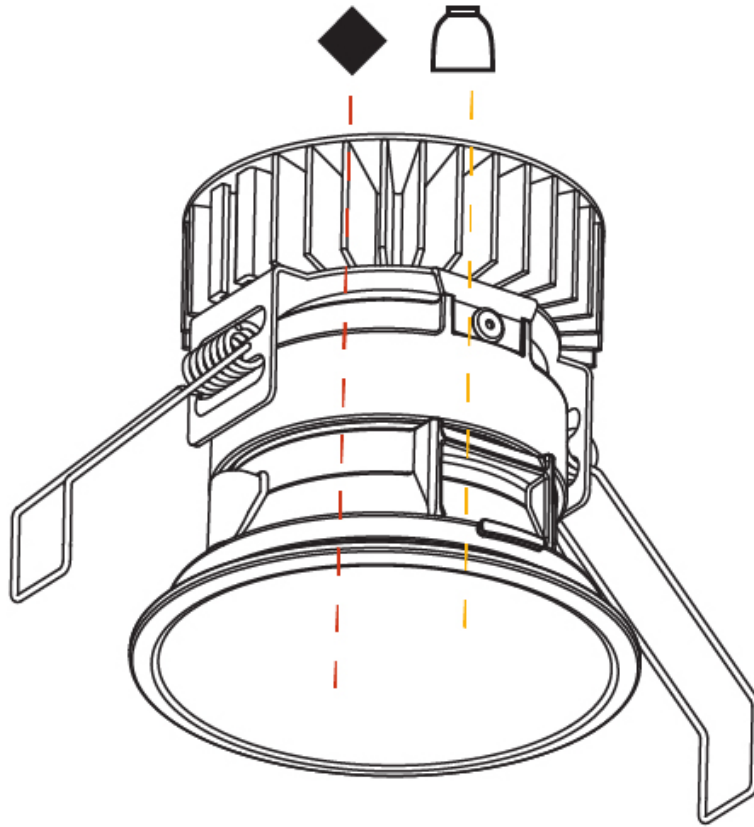
PROJECT _____

TYPE _____

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| QUANTITY | |
| DATE | |

INVADER STANDARD RECESSED

A35604-

| | | | |
|-------------|----------------------|-----------------------|----------------------|
| 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 Standard |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 85 |
| Diameter (in): 3 3/8 |
| Height (mm): 105 |
| Height (in): 4 1/8 |
| Ceiling Thickness (mm): 5 - 30 |
| Ceiling Thickness (in): 3/16 - 1 3/16 |
| Min. Recessing Depth (mm): 110 |
| Min. Recessing Depth (in): 4 5/16 |
| Light Distribution: Downlight |
| Weight (kg): 0.322 |
| Weight (lbs): 0.71 |
| Installation Requirement: Non-insulated Ceiling only |
| 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 Die Cast |
| Cut-out Measurements: D = 80mm / 3 1/8" |

ELECTRICAL

| |
|---|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 14.3 |
| Total Output Wattage (W): 13 |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) |
| Driver Included: No |
| Driver Location: Recessed Housing |
| Driver Type: Constant current - Universal |
| Housing: See components |
| Input Voltage (V): 120 - 277 |
| Constant Current (MA): 350 |

LED

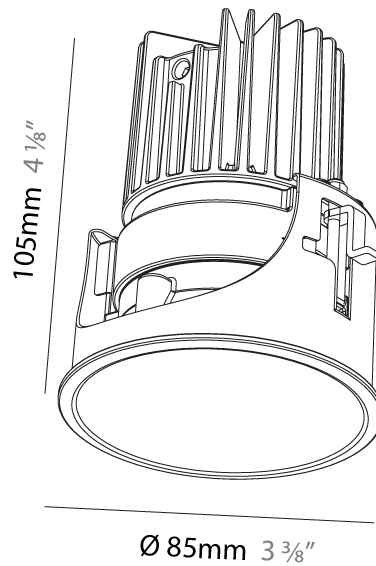
| |
|---|
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 880 / 920 / 960 / 990 |
| Nominal Lumen (lm): 1304 / 1352 / 1421 / 1450 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |

OPTICAL

| |
|--------------------------|
| Reflector°: 20 / 42 / 60 |
| Adjustability: Fixed |

RATINGS AND CERTIFICATIONS

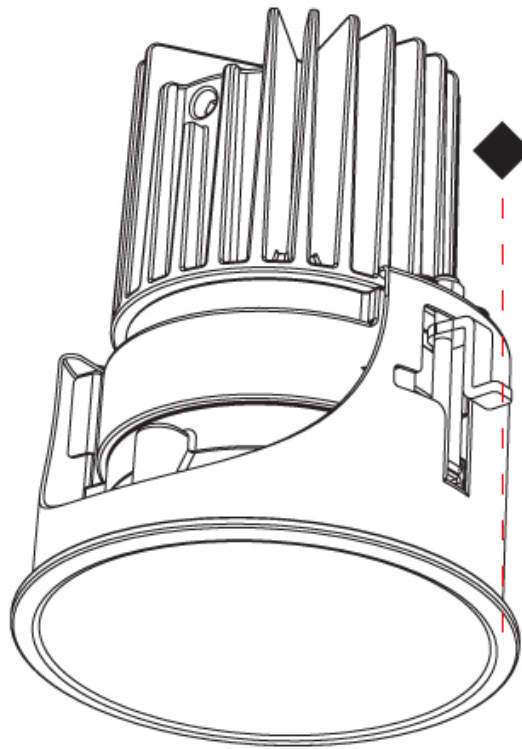
| |
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| Certified By: Certified for North American Standards |
| IP rating: IP65 |



INVADER STANDARD RECESSED

A35604-

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



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

INVADER STANDARD TRIMLESS

A35826-

| | | | | |
|-------------|----------------------|-----------------------|----------------------|----------------------|
| base number | Color Temperature | Finishes (Diamond) | Ceiling Thickness | 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 Standard
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Trimless
 Mounting Location: Ceiling
 Subcategory: Downlight

PHYSICAL

Shape: Round
 Diameter (mm): 71
 Diameter (in): 2 13/16
 Depth (mm): 99
 Depth (in): 3 7/8
 Ceiling Thickness (mm): 10 / 12.5 / 15
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16
 Min. Recessing Depth (mm): 115
 Min. Recessing Depth (in): 4 1/2
 Light Distribution: Downlight
 Weight (kg): 0.342
 Weight (lbs): 3/4
 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: 79mm / 3 1/8"
 Upon Request: Unique Sizes Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 13.3
 Total Output Wattage (W): 12
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: No
 Driver Location: Recessed Housing
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Housing: See components
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350

LED

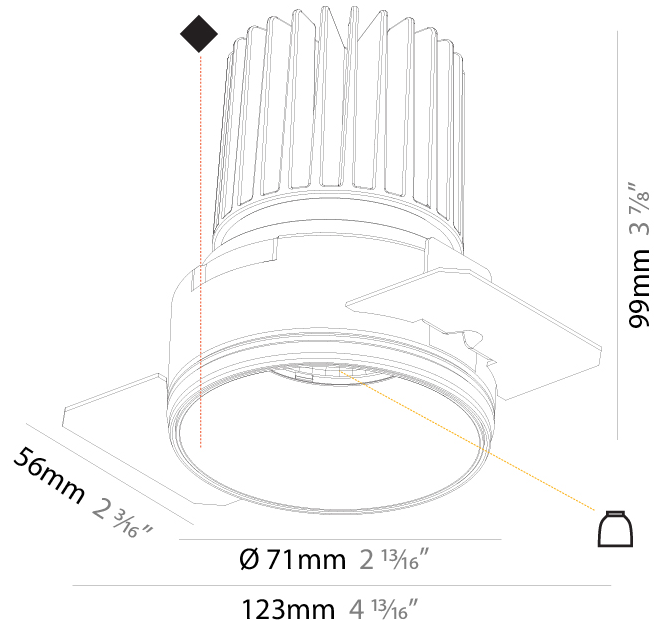
Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 890 / 920 / 970 / 990
 Nominal Lumen (lm): 1304 / 1352 / 1421 / 1450
 CRI: >90 CRI
 Lamp Life (hrs): 50000
 Upon Request: RGB-W Tunable White Special Color Temperature

OPTICAL

Reflector: 20 / 40 / 60
 Adjustability: Fixed
 Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

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



INVADER STANDARD TRIMLESS

A35826-

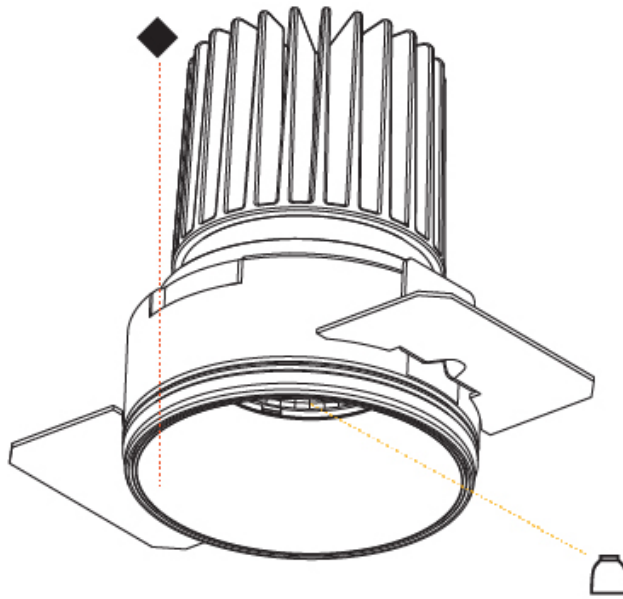
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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INVADER STANDARD TRIMLESS

A37912-

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 Standard
 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): 72
 Height (in): 2 13/16
 Ceiling Thickness (mm): 10 / 12 / 15
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16
 Min. Recessing Depth (mm): 150
 Min. Recessing Depth (in): 5 7/8
 Light Distribution: Downlight
 Weight (kg): 0.129
 Weight (lbs): 0.28
 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"
 Upon Request: Unique Sizes Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 7.7
 Total Output Wattage (W): 6.8
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Current - 120 / 277Vac
 Input Voltage (V): 120 - 277
 Constant Current (MA): 250

LED

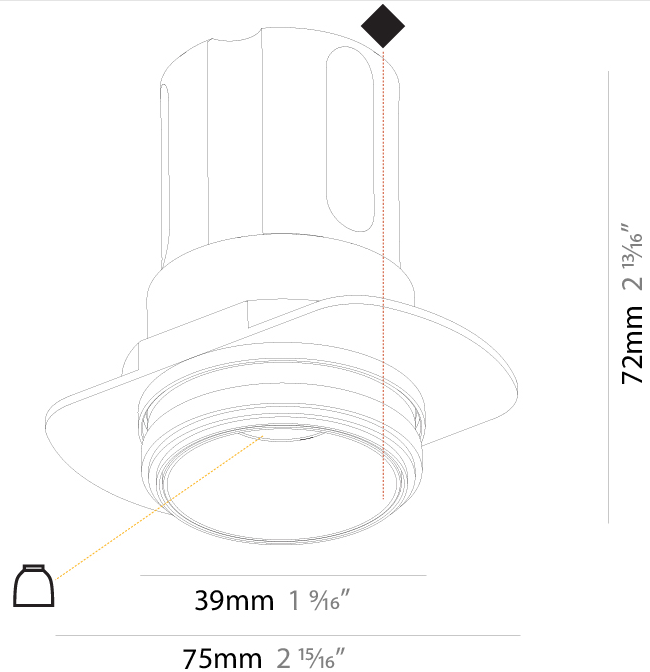
Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 660 / 690 / 725 / 740
 Nominal Lumen (lm): 734 / 762 / 801 / 817
 CRI: >90 CRI
 Lamp Life (hrs): 50000
 Upon Request: RGB-W Tunable White Special Color Temperature

OPTICAL

Reflector°: 33 / 47 / 65
 Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

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



INVADER STANDARD TRIMLESS

A37912-

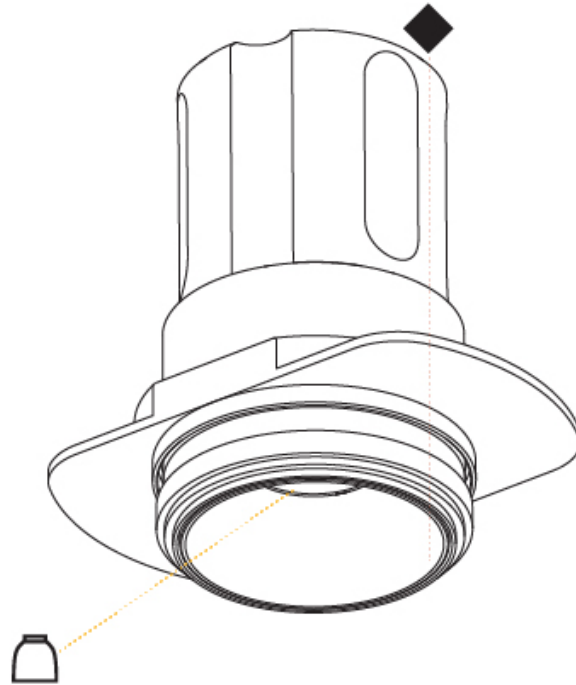
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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

INVADER STANDARD RECESSED

A37946-

| | | | |
|-------------|----------------------|-----------------------|----------------------|
| 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 Standard |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 148 |
| Diameter (in): 5 ¹³ / ₁₆ |
| Height (mm): 130 |
| Height (in): 5 ¹ / ₈ |
| Ceiling Thickness (mm): 5 - 30 |
| Ceiling Thickness (in): 1/16 - 1 3/16 |
| Min. Recessing Depth (mm): 140 |
| Min. Recessing Depth (in): 5 ¹ / ₂ |
| Light Distribution: Downlight |
| Weight (kg): 0.9 |
| Weight (lbs): 1.98 |
| 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 Die Cast |
| Cut-out Measurements: 142mm / 5 9/16" |

ELECTRICAL

| |
|---|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 28.6 |
| Total Output Wattage (W): 26 |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) |
| Driver Included: No |
| Driver Location: Recessed Housing |
| Driver Type: Constant Current - Universal |
| Housing: See components |
| Input Voltage (V): 120 - 277 |
| Constant Current (MA): 700 |

LED

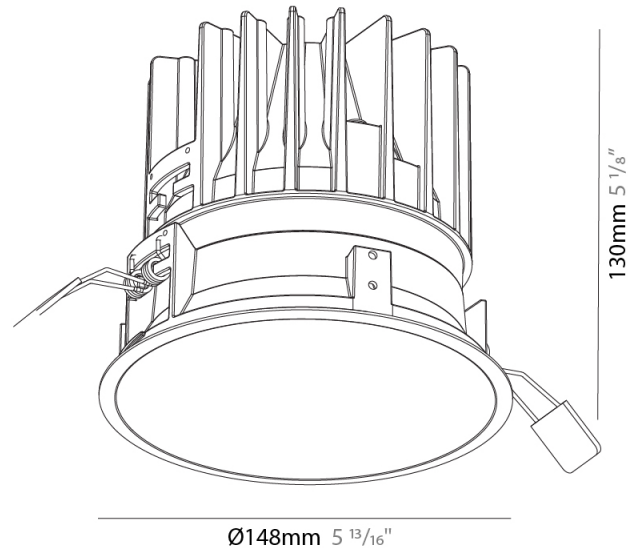
| |
|--|
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 2210 / 2270 / 2391 / 2440 |
| Nominal Lumen (lm): 3210 / 3290 / 3459 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |

OPTICAL

| |
|--------------------------|
| Reflector°: 18 / 26 / 40 |
|--------------------------|

RATINGS AND CERTIFICATIONS

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



INVADER STANDARD RECESSED

A37946-

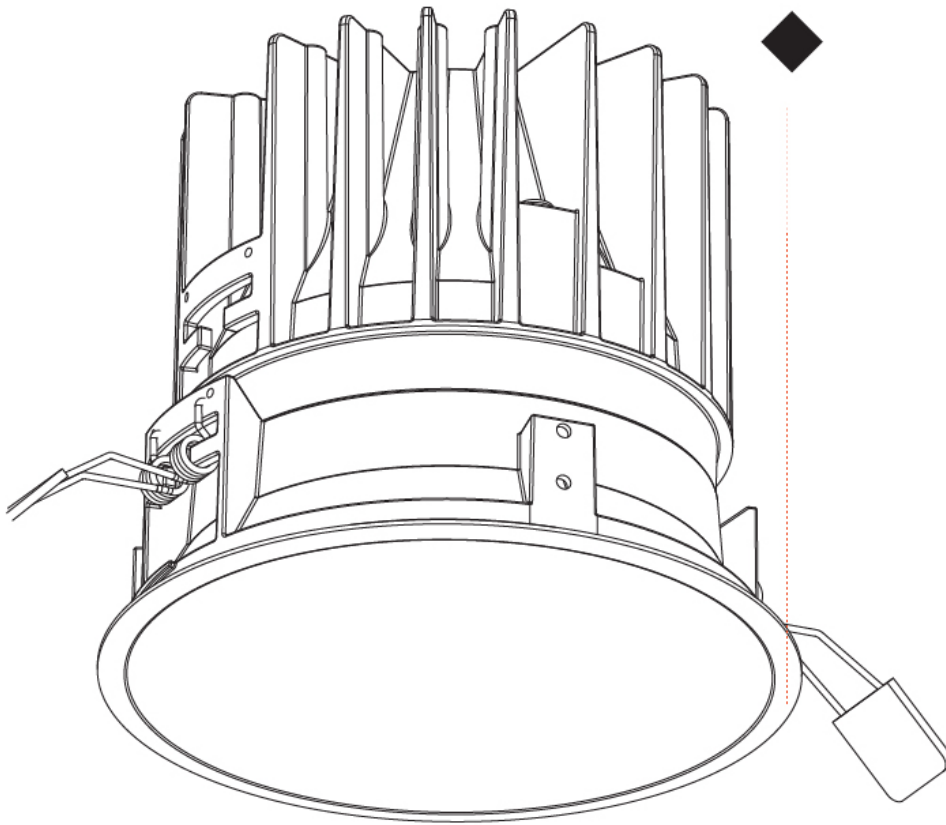
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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

INVADER STANDARD RECESSED

A37952-

| | | | |
|-------------|-------------|-----------|---------|
| base number | Color | Finishes | Lens |
| | 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 Standard |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 45 |
| Diameter (in): 1 3/4 |
| Height (mm): 49 |
| Height (in): 1 15/16 |
| Ceiling Thickness (mm): 10 / 12.5 / 15 |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16 |
| Min. Recessing Depth (mm): 150 |
| Min. Recessing Depth (in): 5 7/8 |
| Light Distribution: Downlight |
| Weight (kg): 0.084 |
| Weight (lbs): 0.185 |
| 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: Dia: 41mm / 1 5/8" |

ELECTRICAL

| |
|--|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 2.2 |
| Total Output Wattage (W): 2 |
| Dimming: Non-Dimmable |
| Driver Included: No |
| Driver Location: Remote |
| Driver Type: Constant Current - 120 / 277Vac |
| Driver Class: Class 2 |
| Input Voltage (V): 120 - 277 |
| Constant Current (MA): 700 |
| Upon Request: 0-10Vdc dimming / Phase dimming 120Vac |

LED

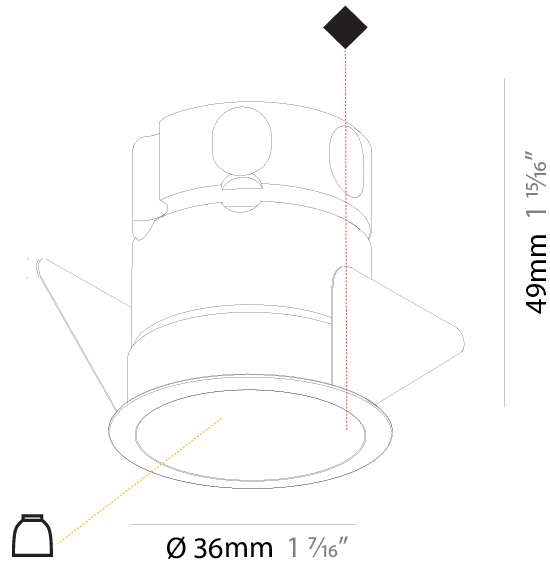
| |
|---|
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 160 / 170 / 176 / 180 |
| Nominal Lumen (lm): 160 / 170 / 176 / 180 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |

OPTICAL

| |
|-------------------------|
| Reflector: 12 / 20 / 35 |
|-------------------------|

RATINGS AND CERTIFICATIONS

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



INVADER STANDARD RECESSED

A37952-

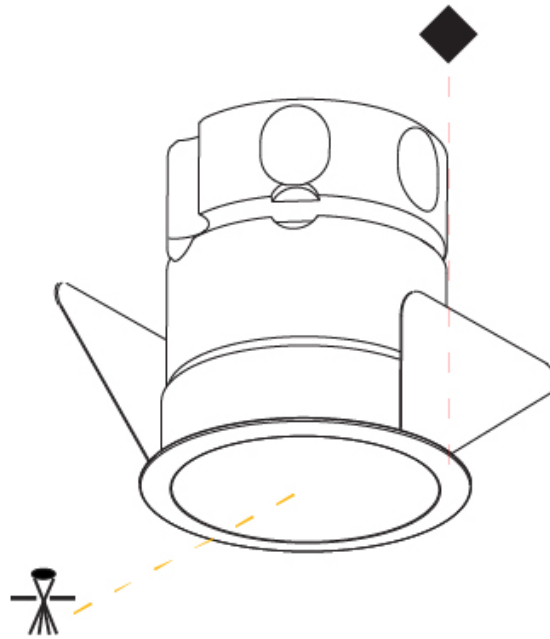
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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

INVADER STANDARD RECESSED

A37959-

| | | | |
|-------------|----------------------|-----------------------|----------------------|
| 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 Standard |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 45 |
| Diameter (in): 1 3/4 |
| Height (mm): 71 |
| Height (in): 2 13/16 |
| Ceiling Thickness (mm): 10 / 12.5 / 15 |
| Ceiling Thickness (in): 3/8 or 1/2 or 9/16 |
| Min. Recessing Depth (mm): 150 |
| Min. Recessing Depth (in): 5 7/8 |
| Light Distribution: Downlight |
| Weight (kg): 0.102 |
| Weight (lbs): 0.23 |
| 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: Dia: 41mm / 1 5/8" |

ELECTRICAL

| |
|--|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 7.7 |
| Total Output Wattage (W): 7 |
| Dimming: Non-Dimmable |
| 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 |
| Upon Request: 0-10Vdc dimming / Phase dimming 120Vac |

LED

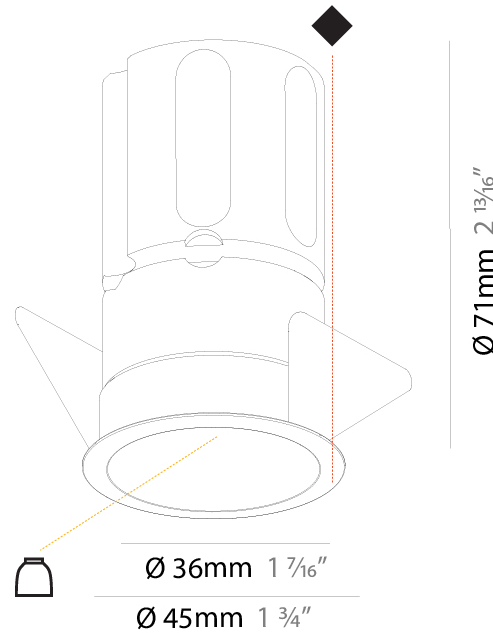
| |
|---|
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 630 / 650 / 686 / 700 |
| Nominal Lumen (lm): 731 / 762 / 801 / 817 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |

OPTICAL

| |
|--------------------------|
| Reflector°: 33 / 47 / 65 |
|--------------------------|

RATINGS AND CERTIFICATIONS

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



INVADER STANDARD RECESSED

A37959-

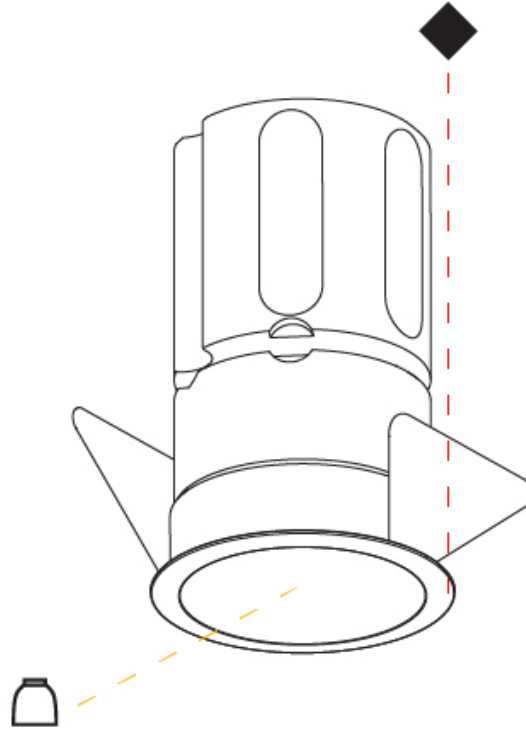
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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

INVADER ADJUSTABLE RECESSED

A37962-

| | | | | |
|-------------|----------------------|-----------------------|------------------------|----------------------|
| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | 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 Standard |
| Subseries: Invader Adjustable |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Downlight |

PHYSICAL

| |
|---|
| Shape: Round |
| Diameter (mm): 62 |
| Diameter (in): 2 7/16 |
| Height (mm): 74 |
| Height (in): 2 15/16 |
| Min. Recessing Depth (mm): 150 |
| Min. Recessing Depth (in): 5 7/8 |
| Light Distribution: Adjustable / Direct |
| Weight (kg): 0.138 |
| Weight (lbs): 0.304 |
| 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: 57mm / 2 1/4" |

ELECTRICAL

| |
|---|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 7.7 |
| Total Output Wattage (W): 7 |
| Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) |
| Driver Included: No |
| Driver Location: Remote |
| Driver Type: Constant Current - 120 / 277Vac |
| Input Voltage (V): 120 - 277 |
| Constant Current (MA): 250 |

LED

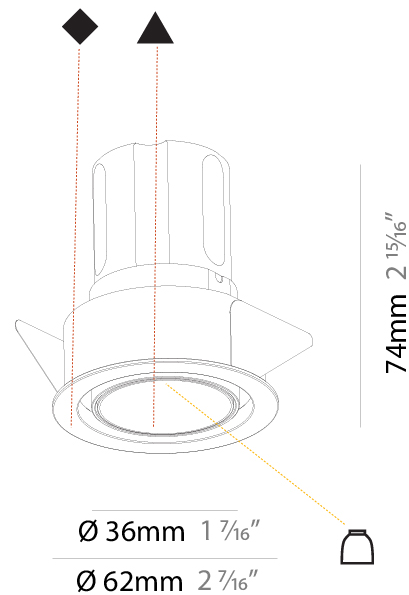
| |
|---|
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 3500 / 4000 |
| Max. Delivered Lumen (lm): 660 / 690 / 725 / 740 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |








OPTICAL

| |
|--|
| Reflector°: 33 / 47 / 65 |
| Adjustability: Rotational 180°; Tilt 30° |

RATINGS AND CERTIFICATIONS

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



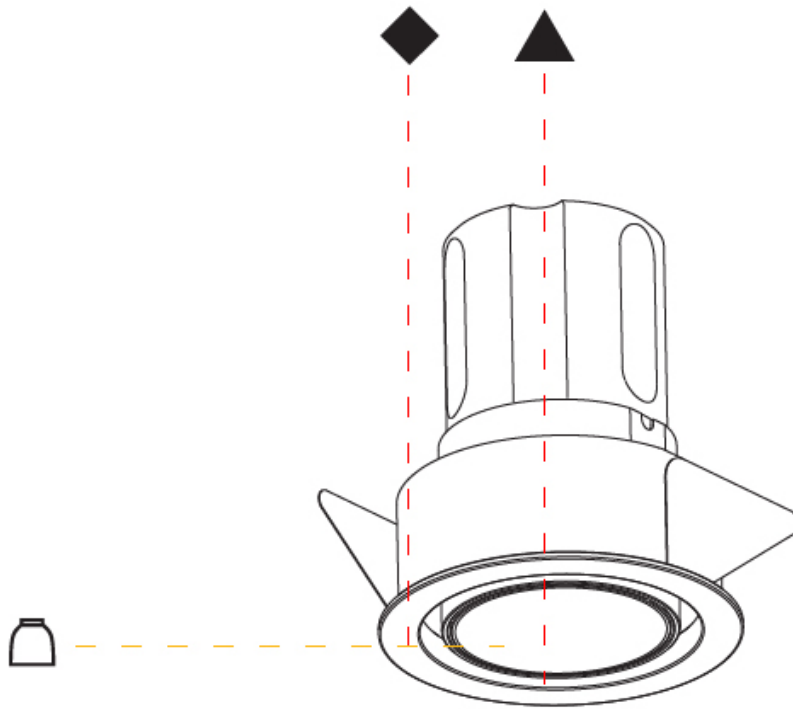
150mm 5 7/8"
 57mm 2 1/4"
 10 - 15mm 3/8" - 9/16"
 180°
 ± 15°

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INVADER ADJUSTABLE RECESSED

A37962-

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



INVADER STANDARD COLOR FINISH CHART

| |
|-----------|
| 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 | pivotal | 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) |