

INVADER DEEP TRIMLESS

A35620-

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 Deep
 Subseries: Invader Deep
 Partner: Prolicht
 Division: Architectural
 Installation: Trimless
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Downlight

PHYSICAL

Aperture Sizes - Downlights: 2"
 Diameter (mm): 71
 Diameter (in): 2 13/16
 Height (mm): 124
 Height (in): 4 7/8
 Ceiling Thickness (mm): 10 / 12.5 / 15
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16
 Min. Recessing Depth (mm): 140
 Min. Recessing Depth (in): 5 1/2
 Weight (kg): 0.374
 Weight (lbs): 0.82
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast
 Cut-out Measurements: 79mm / 3 1/8"
 Upon Request: Unique Sizes Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 13
 Total Output Wattage (W): 11.8
 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): 792
 Nominal Lumen (lm): 1182
 CRI: >90 CRI
 Lamp Life (hrs): 50000
 Upon Request: RGB-W Tunable White Special Color Temperature

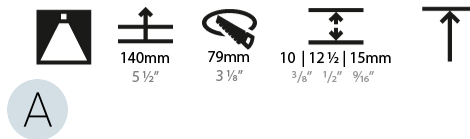
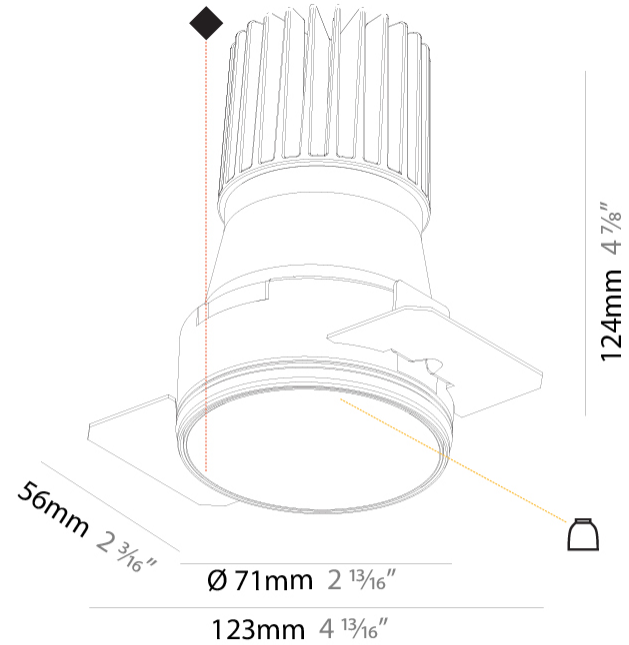
OPTICAL

Reflector: 20 / 40 / 60
 Adjustability: Rotational 180°, Tilt 30°
 Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

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

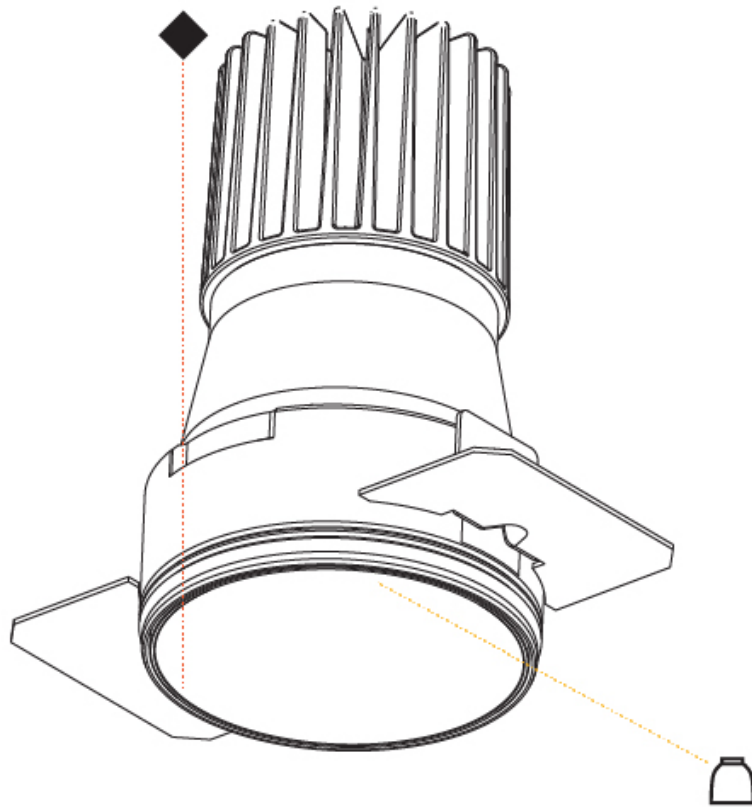
PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



INVADER DEEP TRIMLESS

A35620-

PROJECT	_____
TYPE	_____
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DATE	_____



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INVADER DEEP TRIMLESS

A35621-

base number LED Dimming 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
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GENERAL

Series: Invader Deep
 Partner: Prolicht
 Division: Architectural
 Installation: Trimless
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Downlight

PHYSICAL

Aperture Sizes - Downlights: 2"
 Shape: Round
 Diameter (mm): 71
 Diameter (in): 2 ¹³/₁₆
 Height (mm): 124
 Height (in): 4 ⁷/₈
 Ceiling Thickness (mm): 10 / 12.5 / 15
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16
 Min. Recessing Depth (mm): 140
 Min. Recessing Depth (in): 5 ¹/₂
 Weight (kg): 0.358
 Weight (lbs): 0.79
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum
 Cut-out Measurements: Ø 79mm / 3 1/8"
 Upon Request: Unique Sizes Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 13
 Total Output Wattage (W): 11.8
 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): 500

LED

Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 1210 / 1260 / 1323 / 1350
 CRI: >90 CRI
 Lamp Life (hrs): 50000

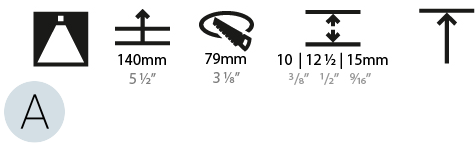
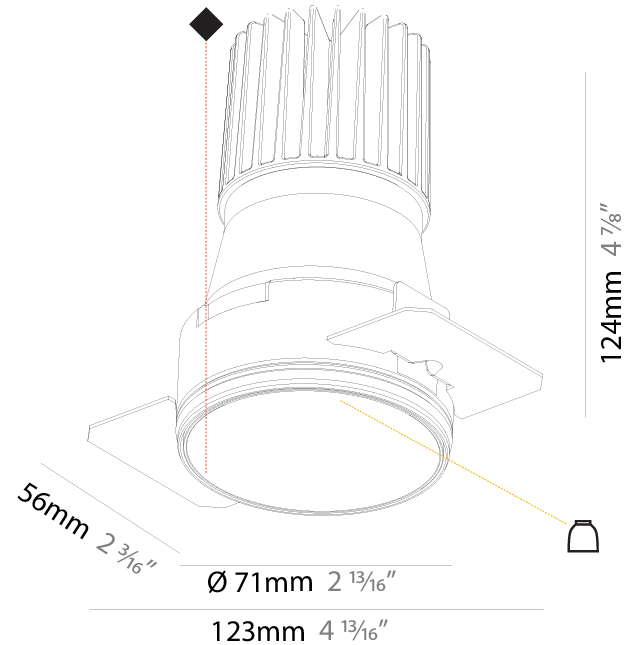
OPTICAL

Reflector: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

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

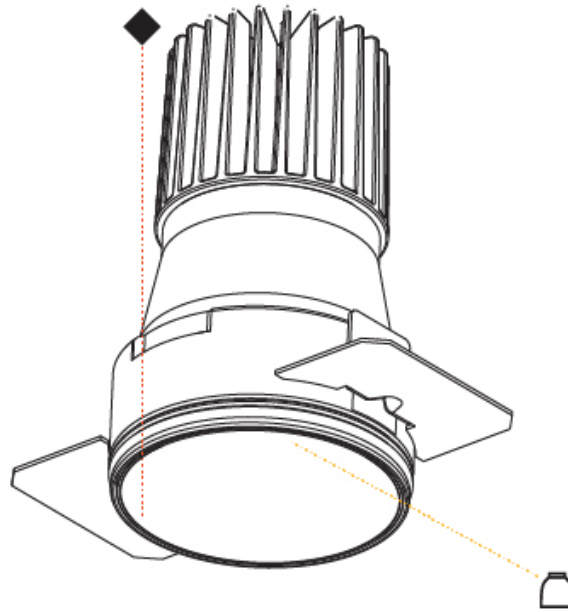
PROJECT
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QUANTITY
DATE



INVADER DEEP TRIMLESS

A35621-

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TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



INVADER DEEP TRIMLESS

A37915-

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 Deep
 Partner: Prolicht
 Division: Architectural
 Installation: Trimless
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Downlight

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Round
 Diameter (mm): 39
 Diameter (in): 1 9/16
 Height (mm): 58
 Height (in): 2 5/16
 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
 Weight (kg): 0.121
 Weight (lbs): 0.27
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum
 Cut-out Measurements: Ø 45mm / 1 3/4"
 Upon Request: Unique Sizes Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 2
 Total Output Wattage (W): 1.8
 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Current - 120 / 277Vac
 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): 160 / 170 / 176 / 180
 CRI: >90 CRI
 Lamp Life (hrs): 50000
 Upon Request: RGB-W Tunable White Special Color Temperature

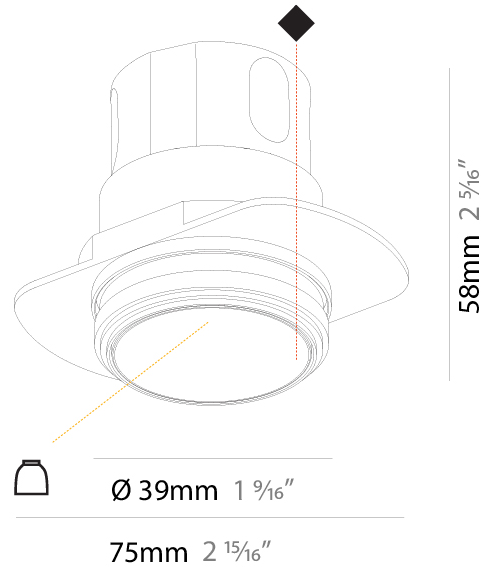
OPTICAL

Reflector: 12 / 20 / 35
 Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

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

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DATE



INVADER DEEP TRIMLESS

A37915-

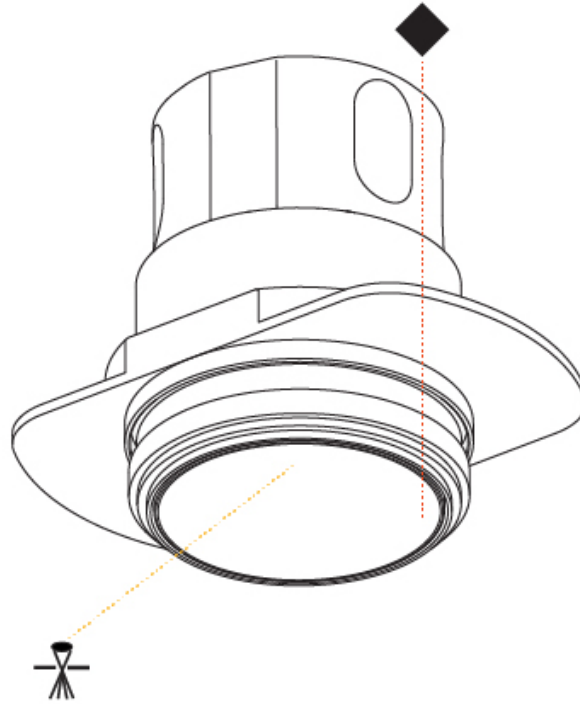
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



A

INVADER DEEP TRIMLESS

A37922-

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 Deep
 Partner: Prolicht
 Division: Architectural
 Installation: Trimless
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Downlight

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Round
 Diameter (mm): 39
 Diameter (in): 1 9/16
 Height (mm): 80
 Height (in): 3 1/8
 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
 Weight (kg): 0.143
 Weight (lbs): 0.31
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum
 Cut-out Measurements: \square 45mm / 1 3/4"
 Upon Request: Unique Sizes Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 7
 Total Output Wattage (W): 6.4
 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
 Upon Request: RGB-W Tunable White Special Color Temperature

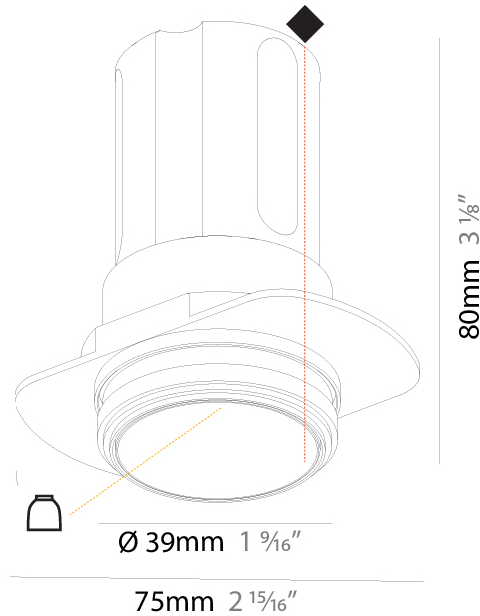
OPTICAL

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

RATINGS AND CERTIFICATIONS

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

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150mm
5 7/8"

45mm
1 3/4"

10 | 12 1/2 | 15mm
3/8" | 1/2" | 9/16"



INVADER DEEP TRIMLESS

A37922-

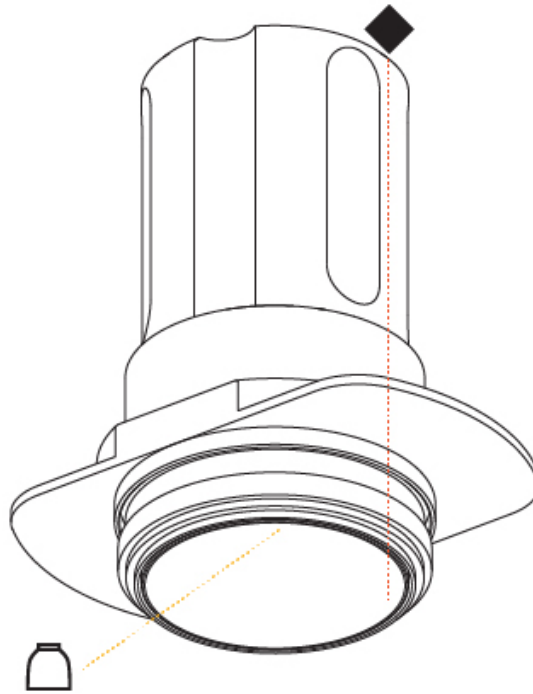
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



A

INVADER DEEP TRIMLESS

A37922- : A37922-20-47

base number

- 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 Deep
 Partner: Prolicht
 Division: Architectural
 Installation: Trimless
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Downlight

PHYSICAL

Shape: Round
 Diameter (mm): 39
 Diameter (in): 1 9/16
 Height (mm): 80
 Height (in): 3 1/8
 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

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 7
 Max. Wattage Per Lamp (W): 6.4
 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

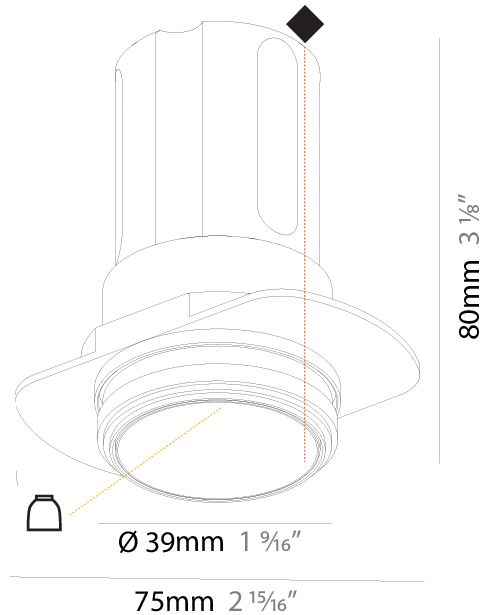
Number of LEDs: 1
 Color Temperature (°K): 3000
 Max. Delivered Lumen (lm): 690
 CRI: >90 CRI
 Lamp Life (hrs): 50000
 Upon Request: RGB-W Tunable White Special Color Temperature

OPTICAL

Reflector: 47

RATINGS AND CERTIFICATIONS

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



INVADER DEEP TRIMLESS

A37922- : A37922-20-47

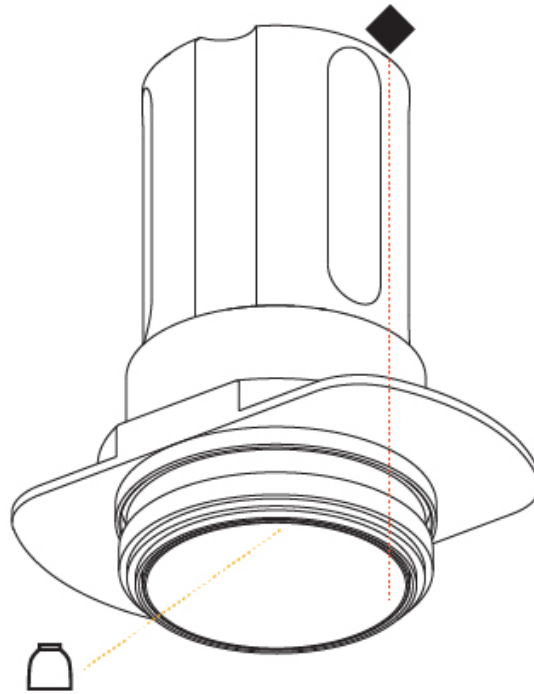
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



A

INVADER DEEP RECESSED

A37965-

base number Color Finishes Beam Angle
 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 Deep
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Downlight

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Round
 Diameter (mm): 45
 Diameter (in): 1 3/4
 Height (mm): 62
 Height (in): 2 7/16
 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
 Weight (kg): 0.104
 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 / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast
 Cut-out Measurements: 41mm / 1 5/8"

ELECTRICAL

Lamp Type: LED
 Input Wattage (W): 2
 Total Output Wattage (W): 0.8
 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

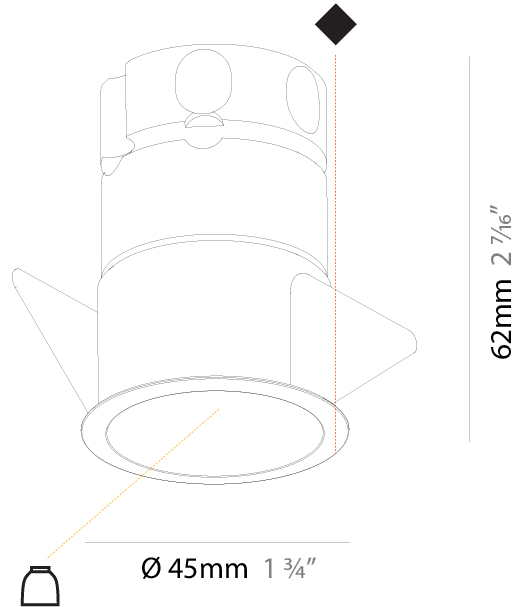
Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 160 / 170 / 176 / 180
 Nominal Lumen (lm): 160 / 170 / 176 / 180
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 10° / 44°

RATINGS AND CERTIFICATIONS

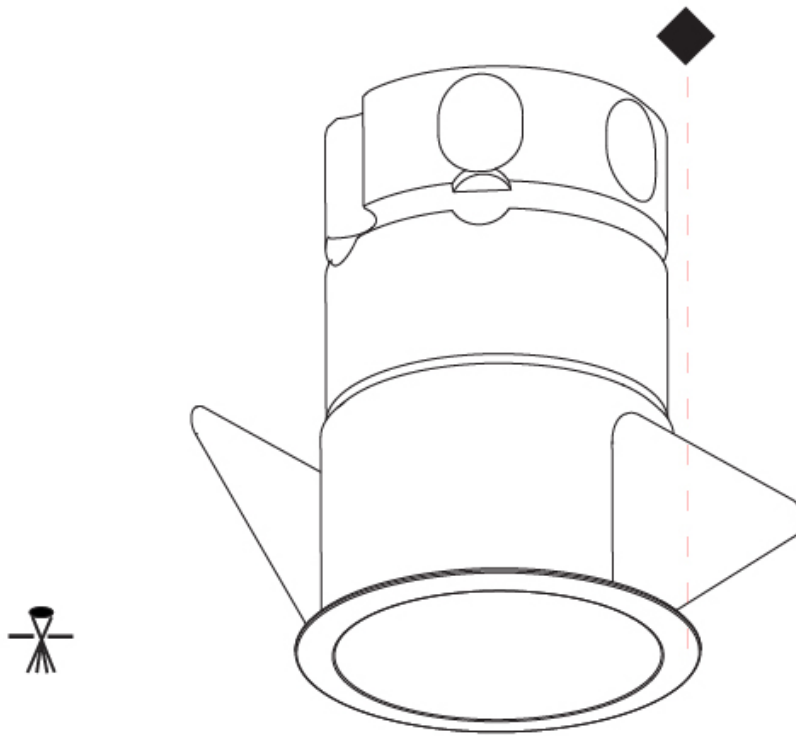
Certified By: Certified for North American Standards
 IP rating: IP20



INVADER DEEP RECESSED

A37965-

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PROJECT	_____
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QUANTITY	_____
DATE	_____

INVADER DEEP RECESSED

A37972-

base number	Color Temperature	Finishes (Diamond)	Reflector Options
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- 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 Deep
Partner: Prolicht
Division: Architectural
Installation: Recessed
Product Type: Downlight
Mounting Location: Ceiling
Light Distribution: Downlight

PHYSICAL

Aperture Sizes - Downlights: 1"
Shape: Round
Diameter (mm): 45
Diameter (in): 1 3/4
Height (mm): 84
Height (in): 3 5/16
Min. Recessing Depth (mm): 150
Min. Recessing Depth (in): 5 7/8
Weight (kg): 0.122
Weight (lbs): 0.27
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum Die Cast
Cut-out Measurements: Dia: 41mm / 1 5/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 7
Total Output Wattage (W): 6.4
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
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

LED

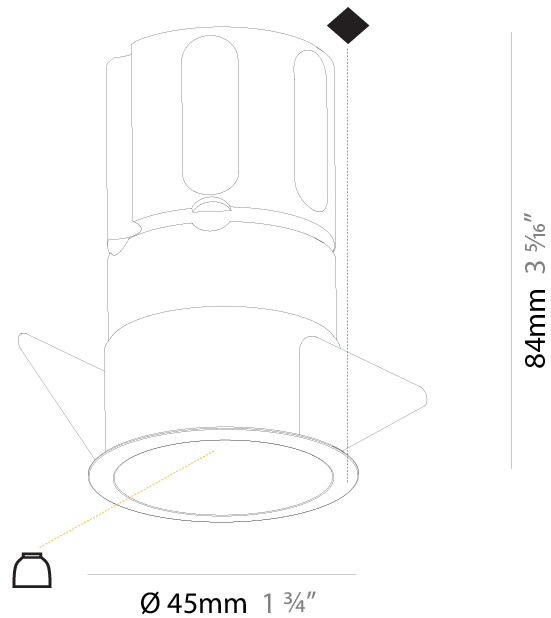
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 660 / 690 / 725 / 740
Nominal Lumen (lm): 734 / 762 / 801 / 817
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

Reflector: 33 / 47 / 65

RATINGS AND CERTIFICATIONS

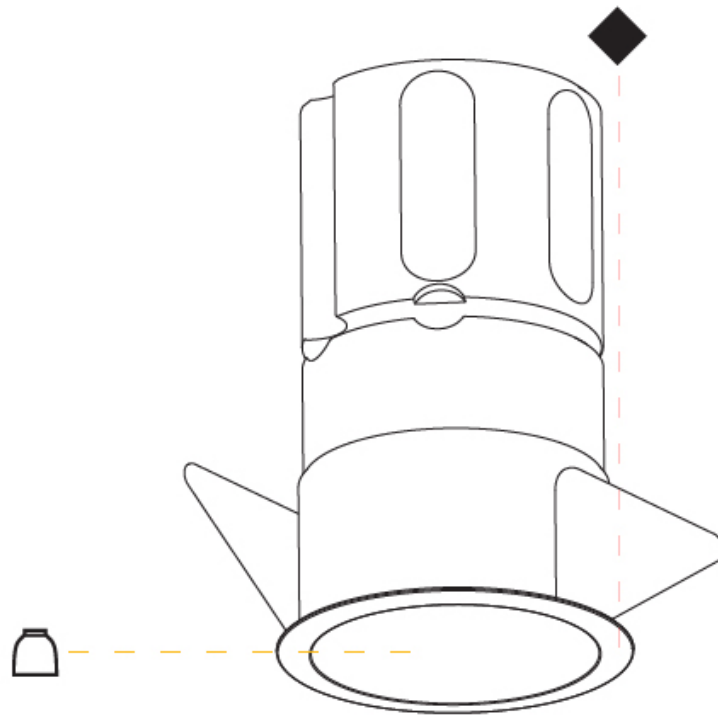
Certified By: Certified for North American Standards
IP rating: IP20



INVADER DEEP RECESSED

A37972-

PROJECT	_____
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SPECIFIER	_____
QUANTITY	_____
DATE	_____



PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

INVADER DEEP RECESSED

A37972- : A37972-27K-03-33

base number

- 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 Deep
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Downlight

PHYSICAL

Shape: Round
 Diameter (mm): 45mm / 1 3/4"
 Height (mm): 84mm / 3 5/16"
 Min. Recessing Depth (mm): 150mm / 5 7/8"
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 7
 Total Output Wattage (W): 6.4
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Current - 120 / 277Vac
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 250mA

LED

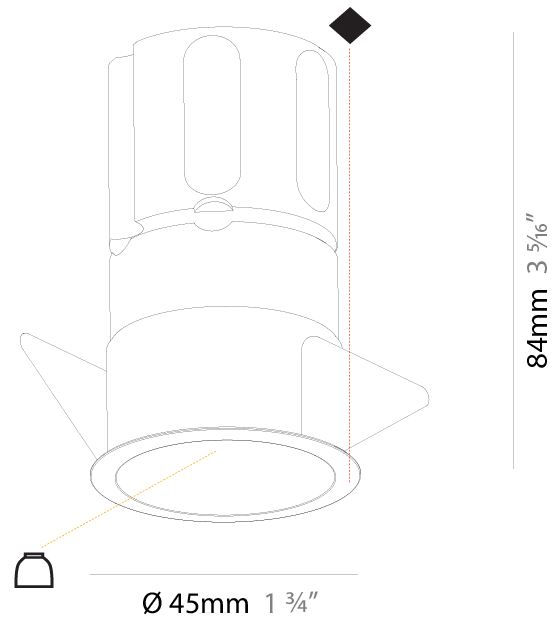
Number of LEDs: 1
 Color Temperature (°K): 2700
 Max. Delivered Lumen (lm): 660
 Nominal Lumen (lm): 734
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Reflector°: 33

RATINGS AND CERTIFICATIONS

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

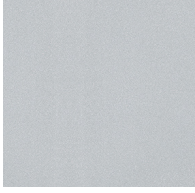


INVADER DEEP COLOR FINISH CHART

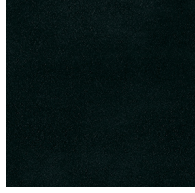
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Fixture Finish

Sparkling Silver - 01 (SSR)



Black Velvet - 02 (BKV)



Crystal White - 03 (CWI)



Creamy - 04 (CRY)



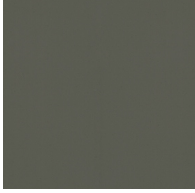
Hampton Bay - 05 (HAB)



Urban Forest - 07 (UFT)



In the Army - 08 (ITA)



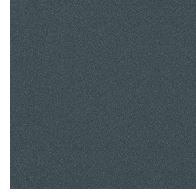
Rusty Angel - 09 (RUA)



Fade to Gray - 12 (FTG)



Mysterious Gray - 13 (MYG)



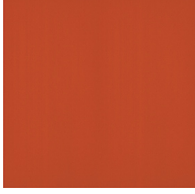
Lost Dream - 15 (LOD)



Purple Sky - 16 (PUS)



Fresh Oh - 17 (FRO)



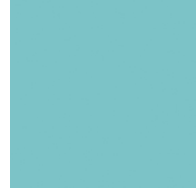
Funky P. - 18 (FUP)



Kissing Aphrodite - 19 (KIA)



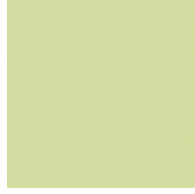
Poseidon's Paradise - 20 (POP)



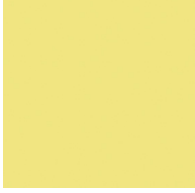
Blue Sky - 21 (BLS)



Spring Green - 22 (SPG)



Mellow Yellow - 23 (MEY)



Golden Heart - 24 (GOH)



Champagne Cream - 26 (CHC)



Copper Mine - 27 (COM)



Ancient Bronze - 28 (ABZ)



Jazz Gold - 29 (JAG)



Olive Breeze - 30 (OBR)



Moonlight Silver - 31 (MOS)



Rosewood Red - 32 (ROR)



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.

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













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

	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)