

INVADER STANDARD SURFACE

A33260						
base number	Color	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	
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
Length (mm): 300
Length (in): 11 13/16
Height (mm): 300
Height (in): 11 13/16
Extension (mm): 40
Extension (in): 1 %
Light Distribution: Downlight
Weight (kg): 1.316
Weight (lbs): 2.90
Fixture Einich, SSD / DKV / CWI / CDV / HAR / HET / ITA / DHA / ETC / MVC

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

ELECTRICAL

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 7.7 Total Output Wattage (W): 7 Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - 120 / 277Vac Driver Class: Class 2 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): 390 / 400 / 421 / 430	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

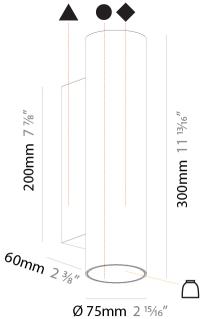
Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

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

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







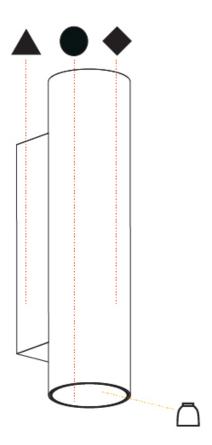




INVADER STANDARD SURFACE

A33260-

PROJECT
ГҮРЕ
SPECIFIER
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DATE





ZANEEN®

INVADER SHORT SURFACE

A33268	•	-	-	-	-
base number	Color	Finishes	Finishes	Finishes	Reflector
	Temperature	(Diamond)	(Triangle)	(Circle)	Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: 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 / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /

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

LED

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

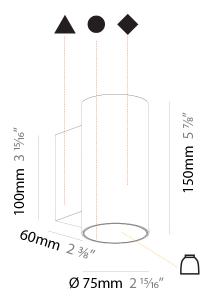
RATINGS AND CERTIFICATIONS

COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum

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

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TYPE		
SPECIFIER		
QUANTITY		
DATE		





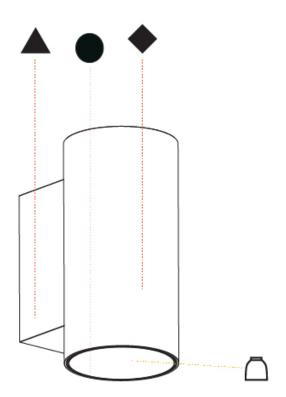




INVADER SHORT SURFACE

A33268-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







A35538-

base number

(Diamond)

Reflector Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Invader Standard Brand: Prolicht Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling

Subcategory: Downlight **PHYSICAL** Shape: Round Diameter (mm): 85 Diameter (in): 3 % Height (mm): 105 Height (in): 4 1/8 Ceiling Thickness (mm): 5 - 30 Ceiling Thickness (in): 1/16 - 13/16 Min. Recessing Depth (mm): 110 Min. Recessing Depth (in): 4 $\frac{1}{16}$ 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

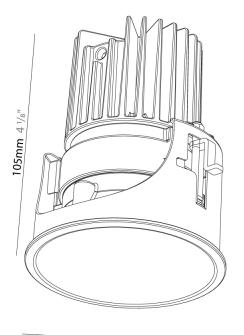
RATINGS AND CERTIFICATIONS

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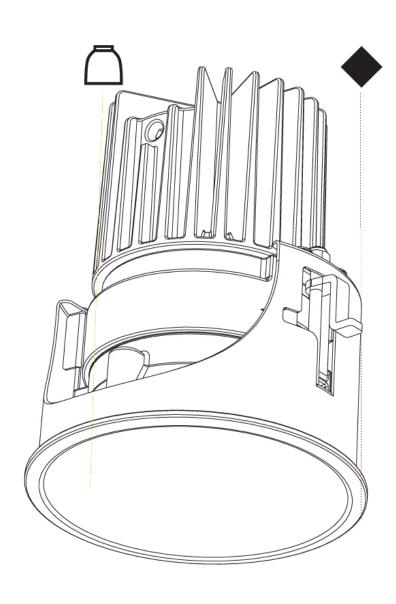
85mm 3 3/8"





A35538-

PROJECT	
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A35576-

base number

(Diamond)

Thickness

Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Invader Standard	
Subseries: Invader Standard	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 71	
Diameter (in): 2 ¹³ / ₁₆	
Height (mm): 99	
Height (in): 3 1/8	

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 $\frac{1}{2}$

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

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

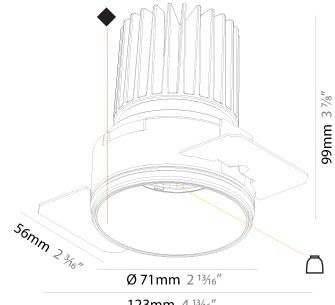
RATINGS AND CERTIFICATIONS

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IP rating: IP20

PROJECT	
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123mm 4 13/16"









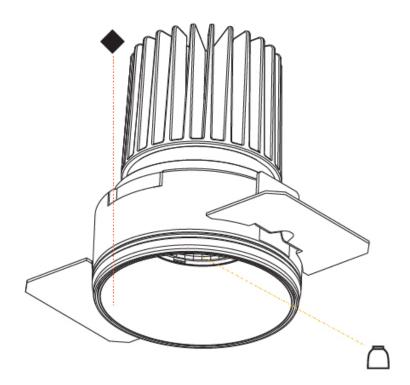






A35576-

PROJECT	
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A35602		-	-
base number	Color	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 Standard	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	

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 ½
Ceiling Thickness (mm): 5 - 30
Min. Recessing Depth (mm): 110
Min. Recessing Depth (in): 4 1/16
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

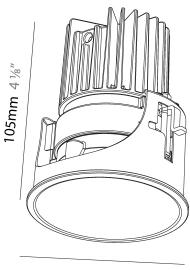
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20







Ø 85mm 3 3/8"









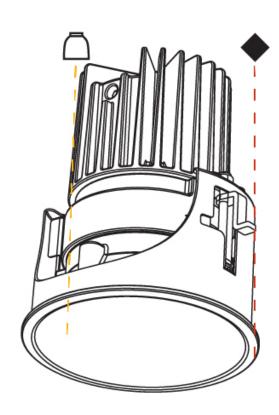






A35602-

PROJECT	
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SPECIFIER	
QUANTITY	
DATE	







A35603		-	-
base number	Color	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
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight

Division. Architecturat
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 85
Diameter (in): 3 $\frac{3}{8}$
Height (mm): 87
Height (in): 3 1/16
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

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	

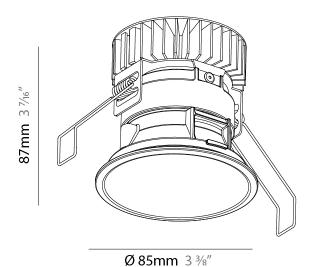
Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

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

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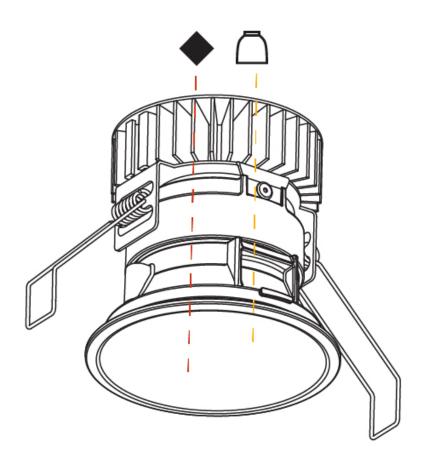






A35603-

PROJECT
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SPECIFIER
QUANTITY
DATE





ZANEEN

INVADER STANDARD TRIMLESS

A35826	-	-	-	-
base number	Color	Finishes	Ceiling	Reflector
	Tomporaturo	(Diamond)	Thicknose	Ontions

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
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight

mountaing Typer Transcoo
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 71
Diameter (in): 2 ¹³ / ₁₆
Depth (mm): 99
Depth (in): 3 $\frac{7}{8}$
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 ½
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

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

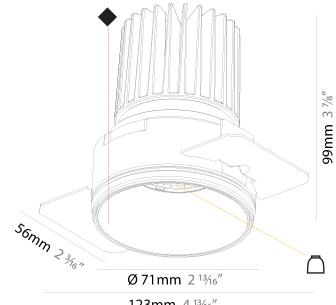
Certified By: Certified for North American Standards

IP rating: IP20

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123mm 4 13/16"









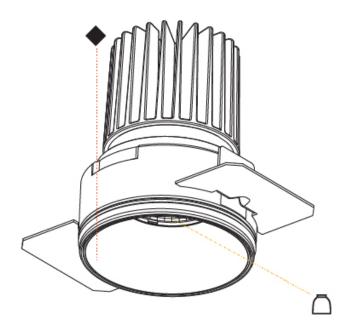






A35826-

PROJECT	
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QUANTITY	
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A37905				
base number	Color	Finishes	L	
	Temperature	(Diamond)	0	

1.To build a product code in our configurator select the specify button on the base model # product page

Options

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

5	Series: Invader Standard
Е	Brand: Prolicht
	Division: Architectural
N	Mounting Type: Trimless
N	Mounting Location: Ceiling
5	Subcategory: Spots

Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Spots
PHYSICAL
Shape: Round
Diameter (mm): 39
Diameter (in): 1 % 16
Height (mm): 49
Height (in): 1 15/16
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 65
Min. Recessing Depth (in): 2 ⁵ / ₉
Light Distribution: Downlight
Weight (kg): 0.106
Weight (lbs): 0.23
$ Fixture\ Finish: SSR\ /\ BKV\ /\ CWI\ /\ CRY\ /\ HAB\ /\ UFT\ /\ ITA\ /\ RUA\ /\ FTG\ /\ MYCLOD\ /\ PUS\ /\ FRO\ /\ FUP\ /\ KIA\ /\ POP\ /\ BLS\ /\ SPG\ /\ MEY\ /\ GOH\ /\ GUM\ /\ CHCCP /\ GUM\ /\ GUM\ /\ CHCCP /\ GUM\ /$

Cut-out Measurements: 45mm / 1 3/4"

COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum

Upon Request: Unique Sizes Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 2.2
Total Output Wattage (W): 2

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

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SPECIFIER	
QUANTITY	
DATE	



















A37905-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







A37912		-	-
base number	Color	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	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

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 1/8
Light Distribution: Downlight
Weight (kg): 0.129
Weight (lbs): 0.28
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG

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

ΟΡΤΙζΔΙ

Reflector°: 33 / 47 / 65

Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT		
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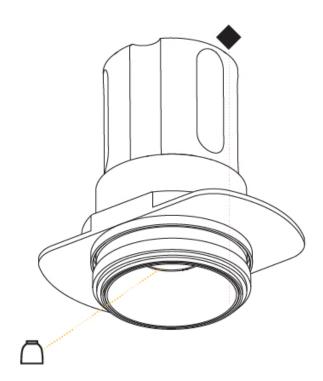






A37912-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







A37946		-	-
base number	Color	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	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 148
Diameter (in): 5 13/16
Height (mm): 130
Height (in): $5\frac{1}{8}$
Ceiling Thickness (mm): 5 - 30
Ceiling Thickness (in): 1/16 - 1 3/16
Min. Recessing Depth (mm): 140
Min. Recessing Depth (in): 5 ½
Light Distribution: Downlight
Weight (kg): 0.9
Weight (lbs): 1.98
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG

COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum Die Cast

Cut-out Measurements: 142mm / 5 9/16"

ELECTRICAL

Lamp Type: LED (Zharg Standard)

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

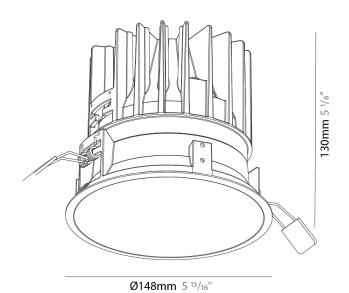
Reflector°: 18 / 26 / 40

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





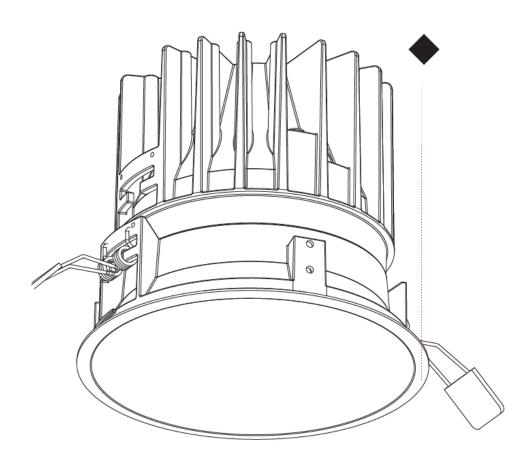






A37946-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







A37952	-	-	-
base number	Color	Finishes	Lens

Temperature (Diamond) Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Invader Standard	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	

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 1/8
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 /

Cut-out Measurements: Dia: 41mm / 15/8"

COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum

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

Certified By: Certified for North American Standards

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		













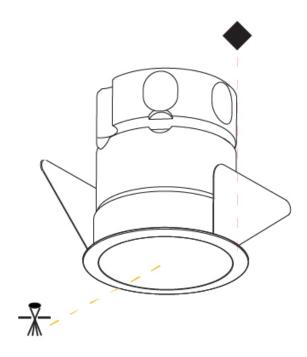






A37952-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







A37959				
base number	Color	Finishes	Refle	
	Temperature	(Diamond)	Optio	

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

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 1/8
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 / 15/8"

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
IFD

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

Certified By: Certified for North American Standards

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		













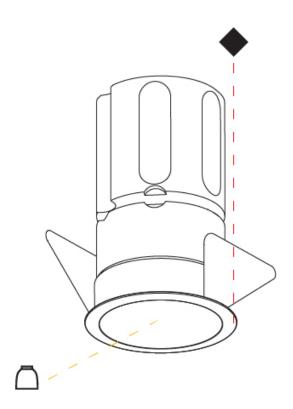






A37959-

PROJECT
ГҮРЕ
SPECIFIER
QUANTITY
DATE







A3C142-

base number

(Diamond) (Triangle)

Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Invader Standard	
Subseries: Invader On Round	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Spots	

I/	wounting Type: Surface
Ν	Mounting Location: Ceiling
S	Subcategory: Spots
F	PHYSICAL
S	Shape: Cylinder
	Diameter (mm): 75
С	Diameter (in): 2 15/16
F	Height (mm): 300
H	Height (in): 11 13/16
L	ight Distribution: Downlight
٧	Veight (kg): 1.033
٧	Veight (lbs): 2.27
	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

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 16.5

Total Output Wattage (W): 15

Dimming: Dali Dimming

Driver Included: Yes

Driver Location: Remote

Driver Type: Constant Current - 120Vac

Input Voltage (V): 120

Constant Current (MA): 350

LED

Number of LEDs: 1

Color Temperature (°K): Warm Dim

Max. Delivered Lumen (lm): 760

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

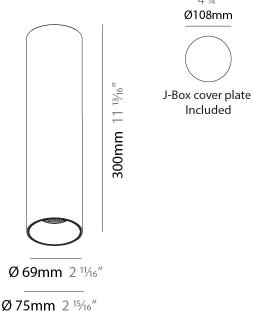
Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT	
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QUANTITY	
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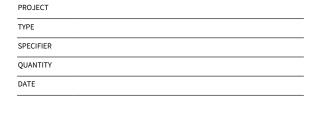








A3C142-









INVADER STANDARD SURFACE

A3C143	•	_	-	-	-
base number	Color	Finishes	Finishes	Finishes	Reflector
	Temperature	(Diamond)	(Triangle)	(Circle)	Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Invader Standard	
Subseries: Invader Standard	
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): 300
Height (in): $11\frac{13}{16}$
Extension (mm): 40
Extension (in): 1 1/16
Light Distribution: Downlight
Weight (kg): 1.318
Weight (lbs): 2.9
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: Alabaster

Tixture material. Alabaster	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 16.5	
Total Output Wattage (W): 15	
Dimming: Dali Dimming	
Driver Included: Yes	
Driver Location: Remote	
Driver Type: Constant Current - 120Vac	
Input Voltage (V): 120	
Constant Current (MA): 350	
LED	

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

OPTICAL

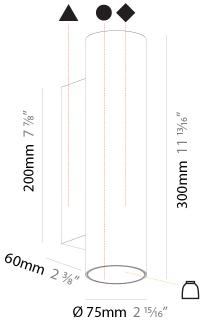
Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





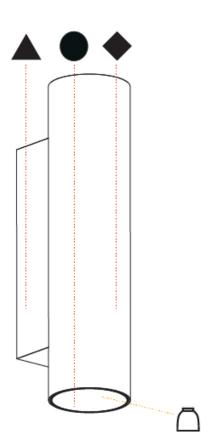




INVADER STANDARD SURFACE

A3C143-

PROJECT	
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QUANTITY	_
DATE	_







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base number

Temperature (Diamond) (Triangle)

Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Invader Standard	
Subseries: Invader On Round	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Spots	

PHYSICAL

Shape: Cylinder

Diameter (mm): 75

Diameter (in): 2 15/16

Height (mm): 150

Height (in): 5 1/8

Light Distribution: Downlight

Weight (kg): 0.489

Weight (lbs): 1.08

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

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 11

Total Output Wattage (W): 10

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: Remote: 0-10Vdc dimming / Phase dimming 120Vac /

Non-dimming 120/277Vac

LED

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 660 / 680 / 715 / 730

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

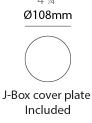
IP rating: IP20

PROJECT			
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SPECIFIER			
QUANTITY			
DATE			





Ø 75mm 2 15/16"











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Temperature (Diamond)

A3D012	-	-	-	-	-
baco numbor	Color	Finishes	Finishes	Finishes	_

1.To build a product code in our configurator select the specify button on the base model # product page

(Triangle)

(Circle)

Options

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 On Round	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Spots	

	Mounting Location: Ceiling
Shape: Cylinder Diameter (mm): 75 Diameter (in): 2 ¹⁵ / ₁₆ Height (mm): 300 Height (in): 11 ¹³ / ₁₆ Light Distribution: Downlight Weight (kg): 0.92 Weight (lbs): 2.02 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG	Subcategory: Spots
Diameter (mm): 75 Diameter (in): 2 ¹⁵ / ₁₆ Height (mm): 300 Height (in): 11 ¹³ / ₁₆ Light Distribution: Downlight Weight (kg): 0.92 Weight (lbs): 2.02 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG	PHYSICAL
Diameter (in): 2 15/16 Height (mm): 300 Height (in): 11 13/16 Light Distribution: Downlight Weight (kg): 0.92 Weight (lbs): 2.02 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG	Shape: Cylinder
Height (mm): 300 Height (in): 11 ¹³ / ₁₆ Light Distribution: Downlight Weight (kg): 0.92 Weight (lbs): 2.02 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG	Diameter (mm): 75
Height (in): 11 13/16 Light Distribution: Downlight Weight (kg): 0.92 Weight (lbs): 2.02 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG	Diameter (in): 2 15/16
Light Distribution: Downlight Weight (kg): 0.92 Weight (lbs): 2.02 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG	Height (mm): 300
Weight (kg): 0.92 Weight (lbs): 2.02 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG	Height (in): $11^{13}/_{16}$
Weight (lbs): 2.02 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG	Light Distribution: Downlight
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG	Weight (kg): 0.92
	Weight (lbs): 2.02
	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

ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 11
Total Output Wattage (W): 10
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: Remote: 0-10Vdc dimming / Phase dimming 120Vac /

Non-dimming 120/277Vac

LED

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 660 / 680 / 715 / 730

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 20 / 40 / 60

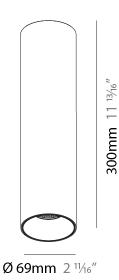
RATINGS AND CERTIFICATIONS

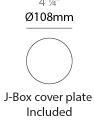
Certified By: Certified for North American Standards

IP rating: IP20

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







Ø 75mm 2 15/16"









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A3D228	-		-	-	
base number	LED	Color	Finishes	Finishes	-

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 On Round	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Spots	

Mounting Location: Ceiling
Subcategory: Spots
PHYSICAL
Shape: Cylinder
Diameter (mm): 75
Diameter (in): 2 15/16
Height (mm): 125
Height (in): 4 15/16
Light Distribution: Downlight
Weight (kg): 0.449
Weight (lbs): 1.08
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

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 10

Total Output Wattage (W): 9.1

Dimming: Non-Dimming / Phase Dimming (120vac Only)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current

Driver Class: Class 2

Input Voltage (V): 120

Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac / Non-dimming 120/277Vac (No Cover Plate)

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 832 / 870 / 905 / 923

Nominal Lumen (lm): 969 / 1014 / 1054 / 1075

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

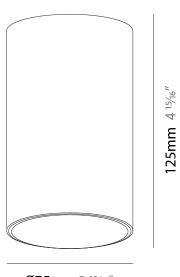
Reflector°: 16 / 34 / 60

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	





Ø75mm 2 15/16"





A3D228-

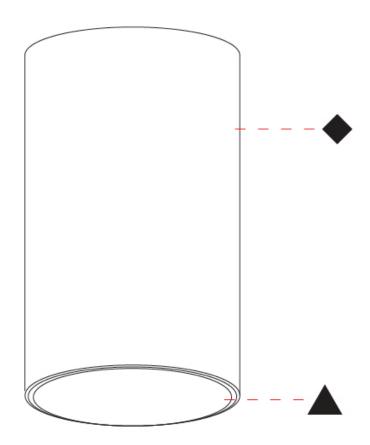
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE







INVADER ON SQUARE SURFACE

A3D229-			-	-	-
base number	LED Dimming	Color	Finishes (Diamond)	Finishes (Triangle)	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 On Square	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Spots	

Mounting Location: Ceiling
Subcategory: Spots
PHYSICAL
Shape: Square
Length (mm): 75
Length (in): 2 15/16
Width (mm): 75
Width (in): 2 15/16
Height (mm): 125
Height (in): 5 $\frac{7}{8}$
Light Distribution: Downlight
Weight (kg): 0.449
Weight (lbs): 1.08

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

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 10

Total Output Wattage (W): 9.1

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No

Driver Location: Integrated

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): Max. 939

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

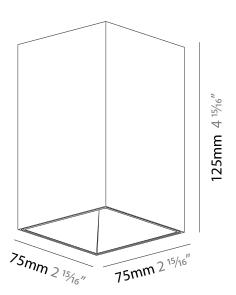
Reflector°: 18 / 34 / 60

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards







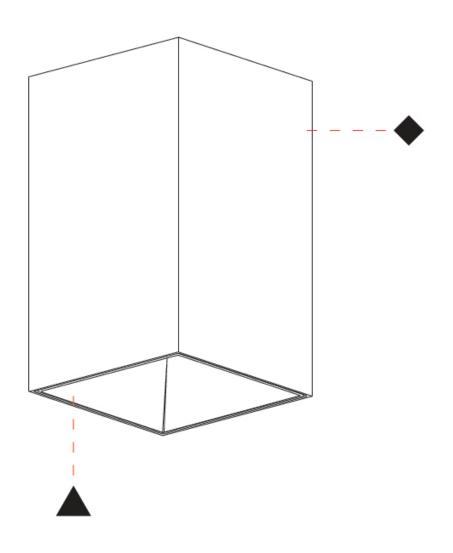




INVADER ON SQUARE SURFACE

A3D229-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







INVADER STANDARD

COLOR FINISH CHART

PROJECT	
ТҮРЕ	
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.





INVADER STANDARD

PROJECT		
TYPE		
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QUANTITY		
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LEGEND

=	loor-mounted				
-	1001-Indulted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
/ w	vall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
↑ ce	eiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow \parallel w$	vall-mounted	T	color of suspension cable	71400	fixture with natural vivid LED (upon request)
Y or	omni-directional light distribution		length of suspension cable	CRI	color rendering index
∆ di	direct light distribution		reflector degree selection	(K)	color temperature
di	direct/indirect light distribution	s s	super spot	(X)	lumen (luminous flux)
in	ndirect light distribution	*	lens	(₹	efficacy (lumens per watt)
as	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
au	aura light distribution	0	shine ring	€	marine grade (AISI 316 stainless steel)
ℴ ro	ound wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
SC SC	quare wall or ceiling cut-out		free individual colors 01-29	②	drive on
ද්දි th	he supplied jig specifies the cutout dimensions	0	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	Dark Sky Compliance
d•≱ m	ninimum 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)
<u></u> re	ecessed depth	lack	luminaire part to be colored (F2)		lamp protected against explosion
<u></u> Се	eiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1 ce	eiling thickness selection		luminaire part to be colored (F4)		acoustic material
== (s	dimmable DP (phase), DV (0-10V), DD (dali), DS step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
in cc	ncluded or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8 Se	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
•ಿ″/ se	sensor	0	direct diffuser	։ (Մ) us	UL Certified to UL and CSA Standards
[re	emote control	0	ball-proof (upon request)	(B)	CSA Certified to UL and CSA Standards
J av	available upon request	9	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)

IK02	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)
IKO6	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)

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