INVADER STANDARD SURFACE

A33264-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	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: Surface	
Mounting Location: Wall	
Subcategory: Spots	
PHYSICAL	
Shape: Round	
Diameter (mm): 75	
Diameter (in): 2 ¹⁵ / ₁₆	
Length (mm): 300	
Length (in): 11 ¹³ / ₁₆	
Depth (mm): 115	
Depth (in): 4 ½	
Light Distribution: Direct / Indirect	
Weight (kg): 1.373	
Weight (lbs): 3.03	
	′ / HAB / UFT / ITA / RUA / FTG / MYG /
	BLS / SPG / MEY / GOH / GUM / CHC /
COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	

Lamp Type: LED (Zha	aga Standard)
Input Wattage (W): 1	4.3
Total Output Wattag	e (W): 13
Dimming: Non-Dimm	ning / Phase Dimming (120vac Only)
Driver Included: Yes	
Driver Location: Inte	grated
Driver Type: Constar	nt Current - 120 / 277Vac
Driver Class: Class 2	
Input Voltage (V): 120	0 - 277
Constant Current (M	A): 350
Upon Request: (Not i dimming	included - see components) Remote: 0-10Vdc

LED

Num	ber o	f LEC)s: 2

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1100 / 1140 / 1180 / 1210

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

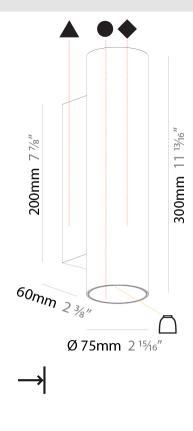
Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





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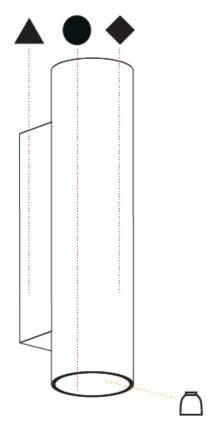
October 20, 2024, 7:00 pm

INVADER STANDARD SURFACE

A33264-

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
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October 20, 2024, 7:00 pm

INVADER ADJUSTABLE TRIMLESS

A35525-

base number LED Finishes Finishes Ceiling Reflector Dimming (Diamond) (Triangle) Thickness Options	/.00020			
	base number	 	0	-

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

SEREIGIE
Series: Invader Standard
Subseries: Invader Adjustable
Brand: Prolicht
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 ¹⁵ / 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): $4\frac{1}{2}$
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

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
Deflector ^e 20 / 40 / 60

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

RATINGS AND CERTIFICATIONS

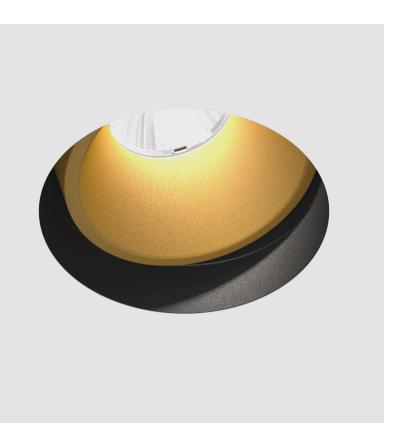
Certified By: Certified for North American Standards IP rating: IP20

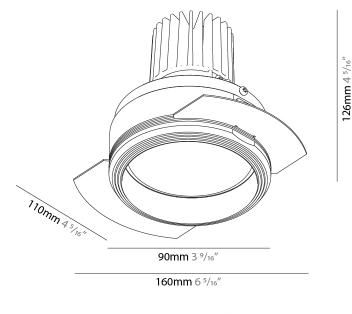
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PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			







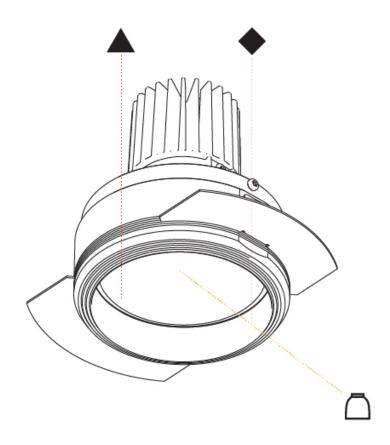
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INVADER ADJUSTABLE TRIMLESS

A35525-

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
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INVADER STANDARD RECESSED

-

A35538-

base number	Finishes	Reflector	
	(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
PHYSICAL
Shape: Round
Diameter (mm): 85
Diameter (in): $3\frac{3}{8}$
Height (mm): 105
Height (in): $4\frac{1}{8}$
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
Leven Trans LED (7h Chandrad)

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

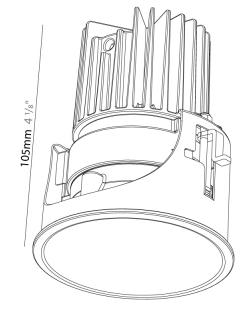
Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

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

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			





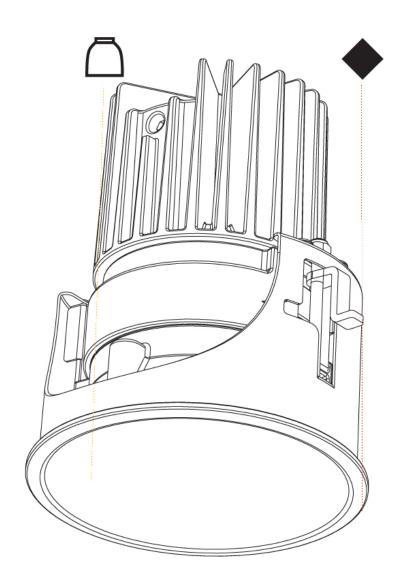
85mm 3 3/8"

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INVADER STANDARD RECESSED

A35538-

PROJECT				
TYPE				
SPECIFIER				
QUANTITY				
DATE				
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INVADER ADJUSTABLE RECESSED

A35539-

base number	Finishes	Finishes	Reflector
	(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 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 $\frac{1}{8}$
Min. Recessing Depth (mm): 120
Min. Recessing Depth (in): 4 $\frac{3}{4}$
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

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°

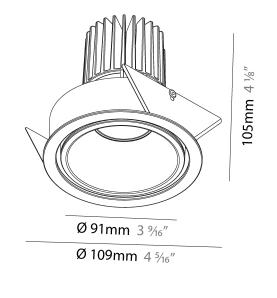
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

PROJECT TYPE SPECIFIER QUANTITY DATE







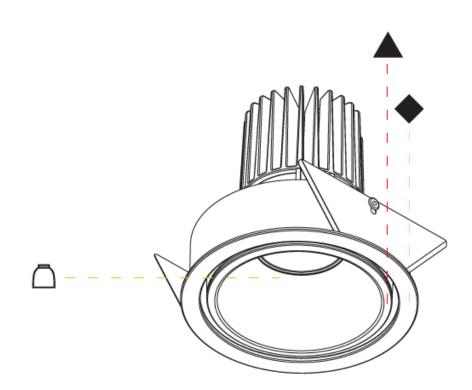
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INVADER ADJUSTABLE RECESSED

A35539-

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



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INVADER ADJUSTABLE TRIMLESS

A35574-

/.0001 !						
base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Ceiling Thickness	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	
Subseries: Invader Adjustable	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Round	
Diameter (mm): 90	
Diameter (in): 3 ⁹ / ₁₆	
Height (mm): 126	
Height (in): 4 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 $\frac{7}{8}$	
Light Distribution: Adjustable / Direct	
Weight (kg): 0.673	
Weight (lbs): 1.48	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYC	
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	
Input Wattage (W): 14.3	

Lamp Typ	De: LED	
Input Wa	ttage (W): 14.3	
Total Out	put Wattage (W): 13	
Dimming	: Non-Dimmable	
Input Vol	tage (V): 120	
Constant	Current (MA): 350mA	

LED

Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 870 / 910 / 951 / 970	

CRI: >90 CRI

OPTICAL

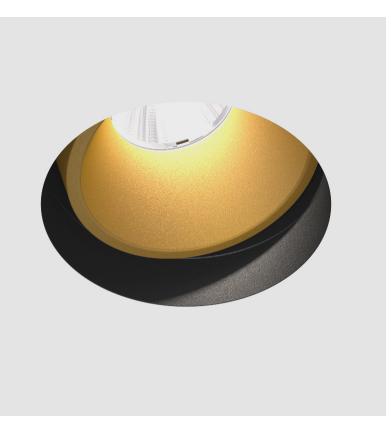
Reflector°: 20 / 40 / 60

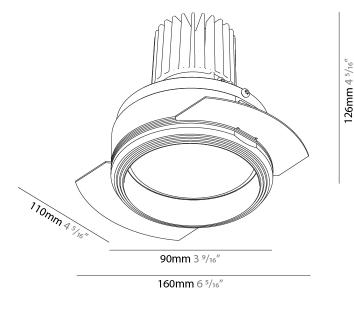
Adjustability: Rotational 180°; Tilt 30°

RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			







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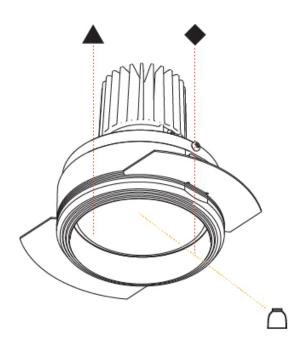
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INVADER ADJUSTABLE TRIMLESS

A35574-

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
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INVADER STANDARD TRIMLESS

A35576-

Ceiling base number Finishes Reflector (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
PHYSICAL
Shape: Round
Diameter (mm): 71
Diameter (in): $2\frac{13}{16}$
Height (mm): 99
Height (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 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

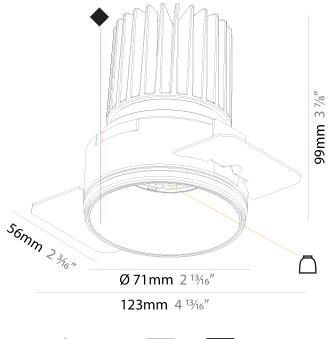
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

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

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PROJECT			







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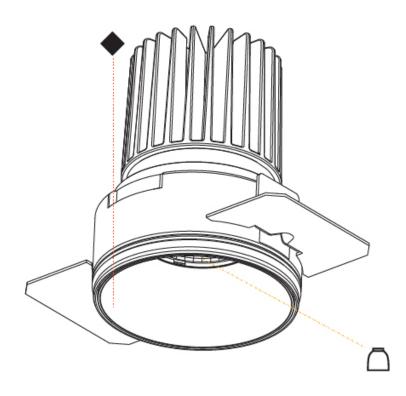
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INVADER STANDARD TRIMLESS

A35576-

PROJECT			
TYPE			
SPECIFIER			
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INVADER STANDARD RECESSED

A35601-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	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): 109
Diameter (in): 4 ⁵ / ₁₆
Height (mm): 105
Height (in): $4\frac{1}{8}$
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 / MYC
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

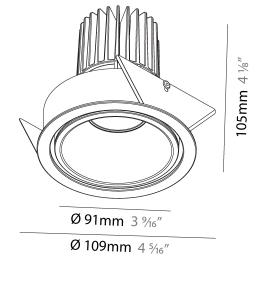
Adjustability: Rotational 180°; Tilt 30°

RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







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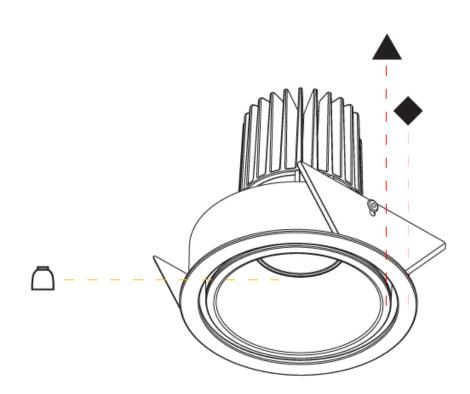
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INVADER STANDARD RECESSED

A35601-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
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INVADER STANDARD RECESSED

A35602-

Finishes Reflector base number Color 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	
Subseries: Invader Stand	ard
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	t
Mounting Location: Ceilin	ng
Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 85	
Diameter (in): 3 $\frac{3}{8}$	
Height (mm): 105	
Height (in): 4 ½	
Ceiling Thickness (mm): 5	5 - 30
Min. Recessing Depth (mi	m): 110
Min. Recessing Depth (in)): 4 ⁵ / ₁₆
Light Distribution: Downl	light
Weight (kg): 0.322	
Weight (lbs): 0.71	
	/ CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /
	<pre>KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / MARKING / POP</pre>
COM / ABZ / JAG / OBR / N	
Fixture Material: Aluminu	
Cut-out Measurements: D	Dia: 80mm 3 1/8"
ELECTRICAL	
Lamp Type: LED (Zhaga S	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 / 1	450
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

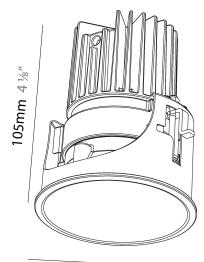
Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

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

SPECIFIER			
QUANTITY			
DATE		 	





Ø 85mm 3 3/8"





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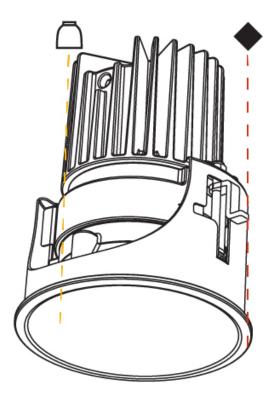
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INVADER STANDARD RECESSED

A35602-

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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INVADER STANDARD RECESSED

A35603-

base number	Color	Finishes	Reflector
	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
PHYSICAL
Shape: Round
Diameter (mm): 85
Diameter (in): 3 ¾
Height (mm): 87
Height (in): $3\frac{7}{16}$
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

Max. Delivered Lumen (im): 650 / 680 / 715 / 73	30
Nominal Lumen (lm): 960 / 995 / 1046 / 1067	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

OPTICAL

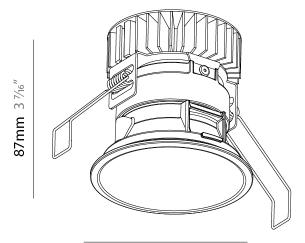
Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





Ø 85mm 3 3/8"

90mm 80mm А

3 1/8'



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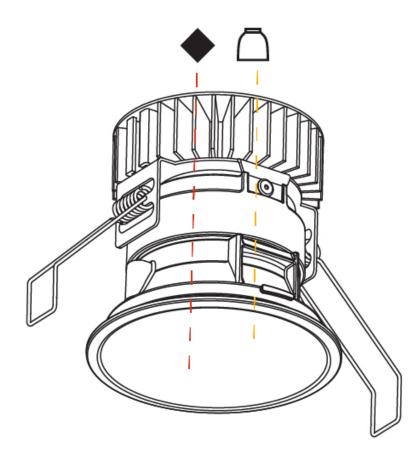
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INVADER STANDARD RECESSED

A35603-

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



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INVADER STANDARD TRIMLESS

A35826-

base number	Color Temperature	Finishes (Diamond)	Ceiling Thickness	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: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 71
Diameter (in): $2\frac{13}{16}$
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 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

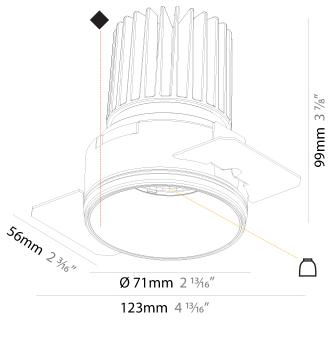
Certified By: Certified for North American Standards IP rating: IP20

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PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			







10 | 12 ½ | 15mm

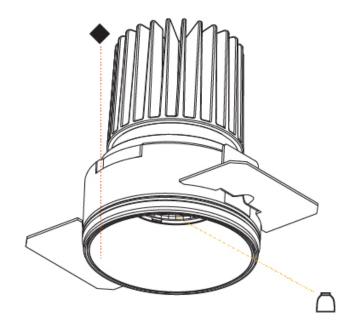
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INVADER STANDARD TRIMLESS

A35826-

PROJECT

PROJECT	
ТУРЕ	
SPECIFIER	
QUANTITY	
DATE	



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INVADER STANDARD TRIMLESS

A37905-

Finishes base number Color 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	t
Division: Archit	ectural
Mounting Type	n: Trimless
Mounting Loca	tion: Ceiling
Subcategory: S	pots
PHYSICAL	
Shape: Round	
Diameter (mm)): 39
Diameter (in): 1	1 1/16
Height (mm): 4	9
Height (in): 1 15/	16
Ceiling Thickne	ess (mm): 10 / 12.5 / 15 / 25
Ceiling Thickne	ess (in): 3/8 or 1/2 or 9/16
Min. Recessing	Depth (mm): 65
Min. Recessing	Depth (in): 2 ½
Light Distributi	on: Downlight
Weight (kg): 0.1	106
Weight (lbs): 0.	23
LOD / PUS / FR	SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / O / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / G / OBR / MOS / ROR
Fixture Materia	
Cut-out Measu	rements: 45mm / 1 3/4"
Upon Request:	Unique Sizes Unique Ceiling Thickness
ELECTRICAL	
Lamp Type: LE	D (Zhaga Standard)
Input Wattage	(W): 2.2
Total Output W	/attage (W): 2
Dimming: 0-10	V Dimming / Phase Dimming (120Vac Only)
Driver Included	1: No
Driver Location	1: Remote

LED	
Constant Current (MA): 700	
Input Voltage (V): 120 - 277	
Driver Type: Constant Current - 120 / 277Vac	
Driver Location: Remote	

Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 160 / 170 / 176 / 180	

CRI: >90 CRI

	Lamp I	Life (hr	s): 50000
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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

PRO IECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





75mm 2 15/16"



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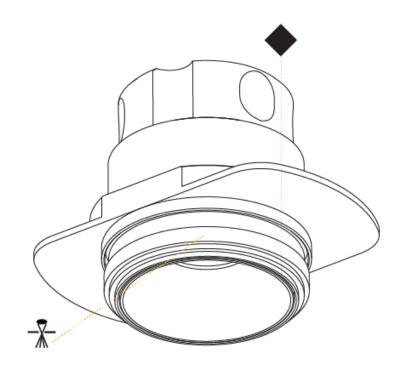
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INVADER STANDARD TRIMLESS

A37905-

PROJECT

DATE				
QUANTITY				
SPECIFIER				
TYPE				
PROJECT				



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INVADER STANDARD TRIMLESS

A37912-

Finishes Reflector base number Color 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: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 39	
Diameter (in): 1 ½	
Height (mm): 72	
Height (in): 2 ¹³ / ₁₆	
Ceiling Thickness (mm): 10 / 12 / 15	5
Ceiling Thickness (in): 3/8 or 1/2 or	9/16
Min. Recessing Depth (mm): 150	
Min. Recessing Depth (in): 5 $\frac{7}{8}$	
Light Distribution: Downlight	
Weight (kg): 0.129	
Weight (lbs): 0.28	
	Y / HAB / UFT / ITA / RUA / FTG / MYG / BLS / SPG / MEY / GOH / GUM / CHC /
Fixture Material: Aluminum	
Cut-out Measurements: 45mm / 13	3/4"
Upon Request: Unique Sizes Uniqu	e Ceiling Thickness
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	

Lamp Type: LED (Zhag	a Standard)
Input Wattage (W): 7.7	
Total Output Wattage	(W): 6.8
Dimming: Tri-Mode (No and 0-10V Dimming)	on-Dimming and Phase Dimming (120Vac only)
Driver Included: No	
Driver Location: Remo	te
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: S	Special Beam Angles	

RATINGS AND CERTIFICATIONS

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

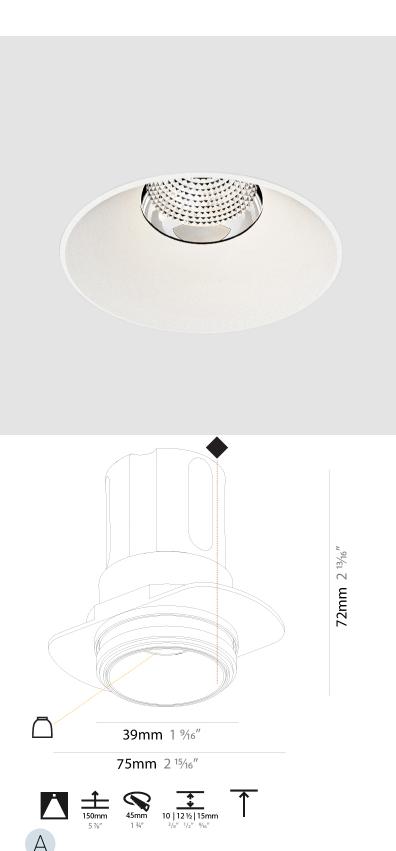
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PRO IECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



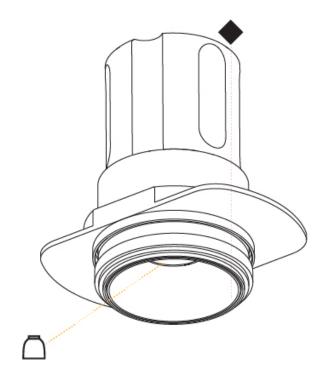


INVADER STANDARD TRIMLESS

A37912-

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



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А

INVADER STANDARD RECESSED

A37946-

base number	Color	Finishes	Reflector
	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
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	/ 1000

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

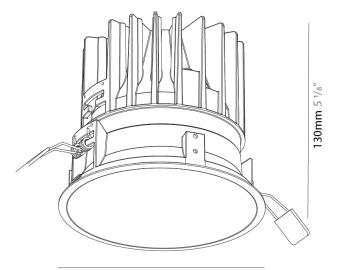
Reflector°: 18 / 26 / 40

RATINGS AND CERTIFICATIONS

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

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			





Ø148mm 5¹³/16"

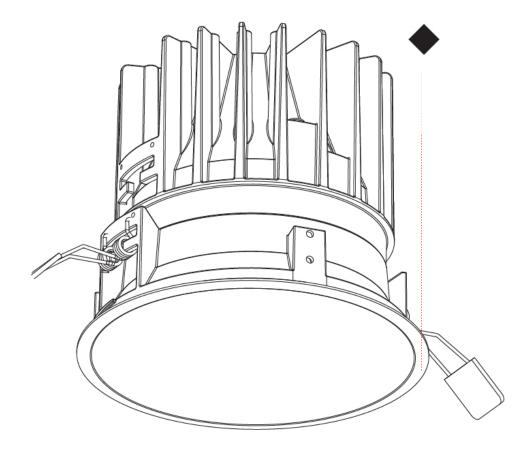
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INVADER STANDARD RECESSED

A37946-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
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INVADER STANDARD RECESSED

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	
PHYSICAL	
Shape: Round	
Diameter (mm): 45	
Diameter (in): 1 ³ / ₄	
Height (mm): 49	
Height (in): 1 ¹⁵ / ₁₆	
Ceiling Thickness (mm): 10 / 1	2.5 / 15
Ceiling Thickness (in): 3/8 or 1	./2 or 9/16
Min. Recessing Depth (mm): 1	50
Min. Recessing Depth (in): 5 $^{7}\!\!/_{\!\!8}$	
Light Distribution: Downlight	
Weight (kg): 0.084	
Weight (lbs): 0.185	
	I / CRY / HAB / UFT / ITA / RUA / FTG / MYG /
	POP / BLS / SPG / MEY / GOH / GUM / CHC /
COM / ABZ / JAG / OBR / MOS Fixture Material: Aluminum	/ ROR
Cut-out Measurements: Dia: 4	1mm / 1 5/9"
	11111/15/8
ELECTRICAL	
Lamp Type: LED (Zhaga Stand	lard)
Input Wattage (W): 2.2	
Total Output Wattage (W): 2	
Dimming: Non-Dimmable	
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Current	: - 120 / 27 /Vac

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 LED	s: 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

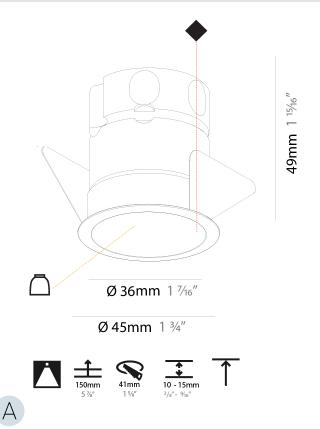
Reflector°: 12 / 20 / 35

RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





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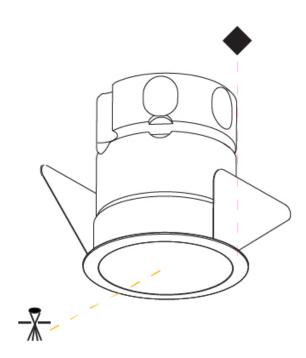
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INVADER STANDARD RECESSED

A37952-

PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			
DATE			



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INVADER STANDARD RECESSED

A37959-

base number	Color	Finishes	Reflector
	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

GENERALE	
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 1/8	
Light Distribution: Downlight	
Weight (kg): 0.102	
Weight (lbs): 0.23	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / I LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / G 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	

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

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





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October 20, 2024, 7:00 pm

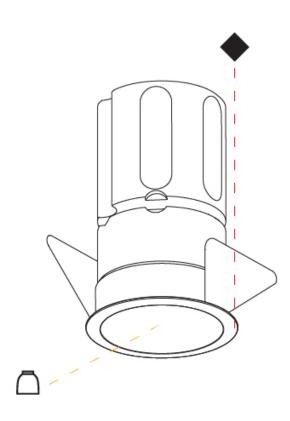
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INVADER STANDARD RECESSED

A37959-

PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com. In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

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INVADER ADJUSTABLE RECESSED

A37962-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	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
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 $\frac{1}{8}$
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 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

Deflecter 8, 22 / 47 / CF

Refle	ctor": 33 / 47 / 65	
Adju	tability: Rotational 180°; Tilt 30°	

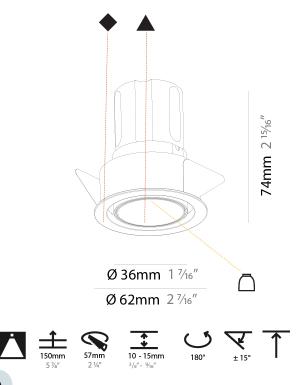
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





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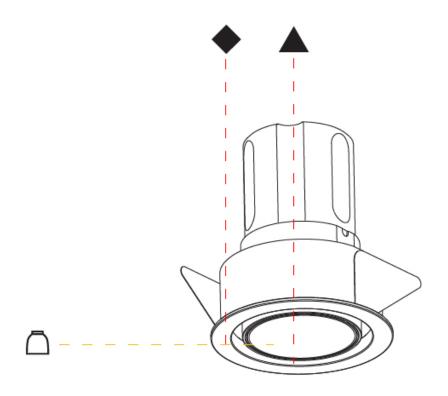
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INVADER ADJUSTABLE RECESSED

A37962-

PROJECT

PROJECT			
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INVADER STANDARD

Fixture Finish

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			

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 - <u>19 (</u> KIA)	Poseidon's Paradise - 20 (POP)	Blue Sky - 21 (BLS)	Spring Green - 22 (SPG)
Mellow Yellow - 23 (MEY)	Golden Heart - 24 (GOH)	Gun Metal - 25 (GUM)	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.

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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INVADER STANDARD

PROJECT

TROJEC

TYPE SPECIFIER

QUANTITY

DATE

LEGEND

↓	floor-mounted	¥	pivotable	\circledast	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
フ	wall and ceiling: recessed and surface mounted	U	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
\rightarrow	wall-mounted	P	color of suspension cable	1111 1140	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	°К	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\mathbf{x}}$	indirect light distribution	*	lens	₩.	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	٢	walk on
5	square wall or ceiling cut-out	Ċ	free individual colors 01-29	۲	drive on
୶ୖୣୣୖ୶	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
(++) M++	minimum distance (meters) lamp - object	۲	luminaire part to be colored (F1)	Ġ	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
1	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)	(ه)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
5	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
Ъ	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
シリ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards
()	remote control	\odot	ball-proof (upon request)	<u>ج</u>	CSA Certified to UL and CSA Standards
2	available upon request	0	accessory	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
1966	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
1968	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

КО1	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)
КОЗ	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)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
КОб	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)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)