## INVADER ADJUSTABLE TRIMLESS

### A35525-

100020						
base number	LED Dimming	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

VENERAL	
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 <sup>9</sup> / <sub>16</sub>	
Height (mm): 126	
Height (in): 4 <sup>15</sup> / <sub>16</sub>	
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 / M	
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CI	HC /
COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum	
Cut-out Measurements: 115mm / 4 1/2"	
Upon Request: Unique Sizes Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 16.5	
Total Output Wattage (W): 14.7	
Dimming: Dali Dimming	
Driver Included: No	
Driver Location: Recessed Housing Driver Type: Constant Current - 120Vac	
Driver Class: Class 2	
Housing: See components	
Input Voltage (V): 120	
Constant Current (MA): 350	
LED	
Number of LEDs: 1	
Color Temperature (°K): Warm Dim	

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

#### OPTICAL

Reflector°: 20 / 40 / 60

Adjustability: Rotational 180°; Tilt 30°

#### RATINGS AND CERTIFICATIONS

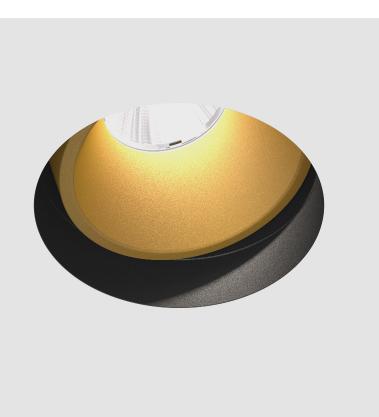
Certified By: Certified for North American Standards IP rating: IP20

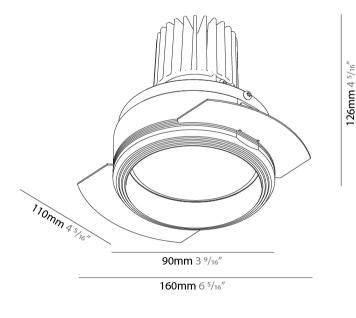
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# PROJECT TYPE SPECIFIER QUANTITY DATE





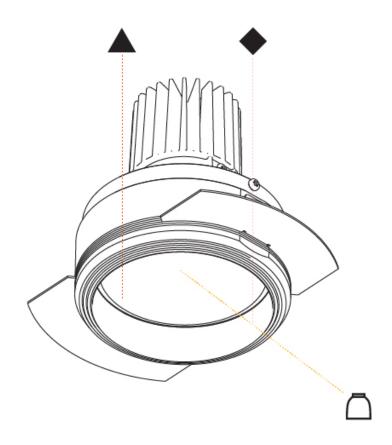




## **INVADER ADJUSTABLE TRIMLESS**

A35525-

PROJECT			
ТҮРЕ			
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QUANTITY			
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## **INVADER STANDARD RECESSED**

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### 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 <sup>3</sup> / <sub>8</sub>
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 <sup>5</sup> / <sub>16</sub>
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)

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

### LED

### OPTICAL

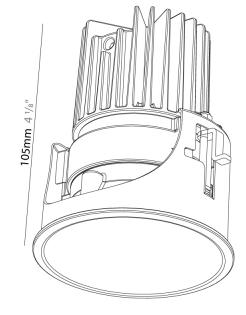
Reflector°: 20 / 40 / 60

#### **RATINGS AND CERTIFICATIONS**

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

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			





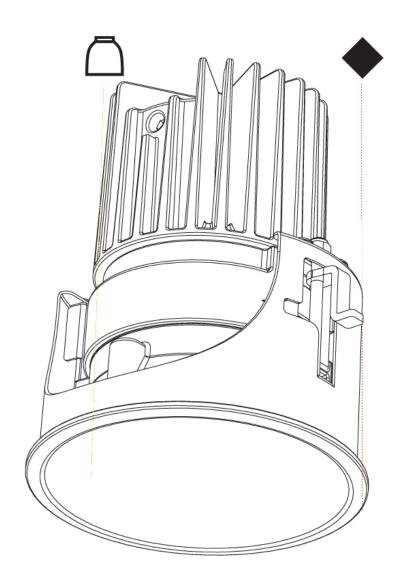
85mm 3 3/8"

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**INVADER STANDARD RECESSED** 

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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 <sup>5</sup> / <sub>16</sub>
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

nput Wattage (W): 16.5
Total Output Wattage (W): 15
Dimming: Dali Dimming
Driver Included: No
Driver Location: Recessed Housing
nput 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°

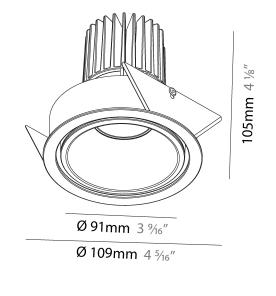
RATINGS AND	CERTIFICATIONS
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Certified By: CSA Certified to UL and CSA Standards IP rating: IP20



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ТҮРЕ
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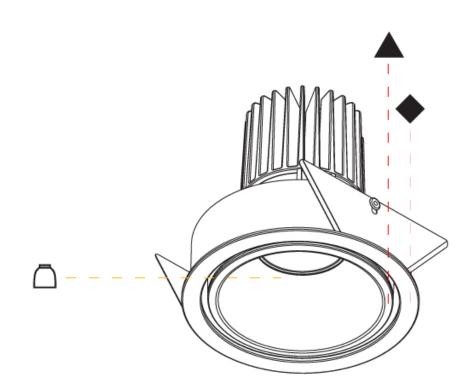
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## **INVADER ADJUSTABLE RECESSED**

A35539-

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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 <sup>%</sup> / <sub>16</sub>	
Height (mm): 126	
Height (in): 4 <sup>15</sup> / <sub>16</sub>	
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 / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / COM / ABZ / JAG / OBR / MOS / ROR	- /
Fixture Material: Aluminum	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 14.3	

	iput wattage (W). 14.5
Т	otal Output Wattage (W): 13
D	imming: Non-Dimmable

Input Voltage (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

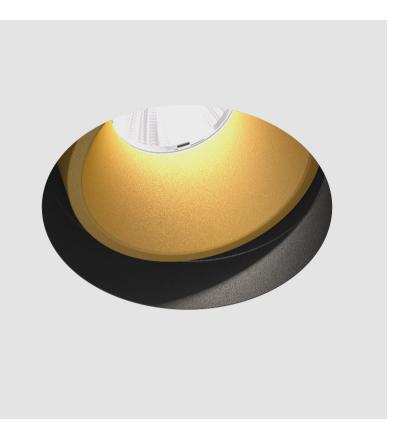
Reflector°: 20 / 40 / 60

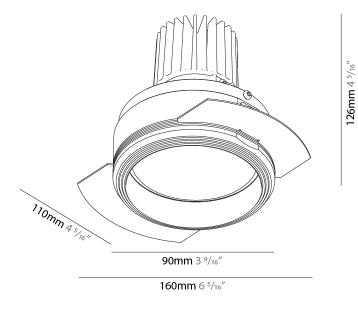
Adjustability: Rotational 180°; Tilt 30°

#### RATINGS AND CERTIFICATIONS

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

TYPE		
SPECIFIER		
QUANTITY		







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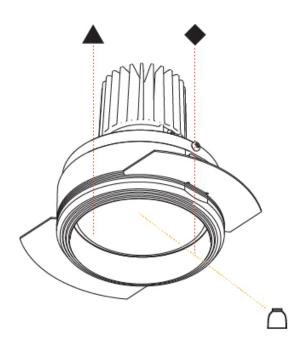
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## INVADER ADJUSTABLE TRIMLESS

A35574-

PROJECT

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SPECIFIER			
QUANTITY			
DATE			



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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 <sup>1</sup> / <sub>2</sub>
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

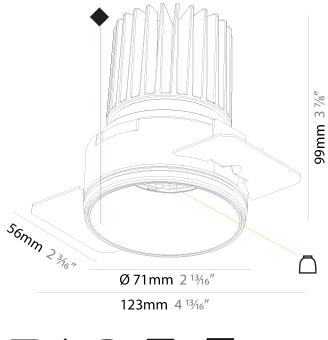
Upon Request: Special Beam Angles

#### RATINGS AND CERTIFICATIONS

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

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			







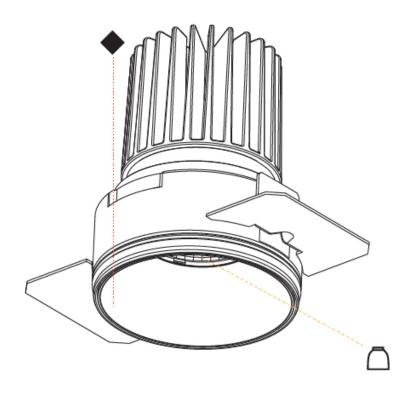
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## **INVADER STANDARD TRIMLESS**

A35576-

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
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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 <sup>5</sup> / <sub>16</sub>	
Height (mm): 105	
Height (in): $4\frac{1}{8}$	
Min. Recessing Depth (mm): 120	
Min. Recessing Depth (in): 4 <sup>3</sup> / <sub>4</sub>	
Light Distribution: Adjustable / Direct	
Weight (kg): 0.434	
Weight (lbs): 0.96	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / I LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / ME	
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	

amp Type: LED (Zhaga Standard)	
put Wattage (W): 14.3	
otal Output Wattage (W): 13	
imming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac on nd 0-10V Dimming)	ly)
river Included: No	
river Location: Recessed Housing	
river Type: Constant Current - Universal	
ousing: See components	
put Voltage (V): 120 - 277	
onstant 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°

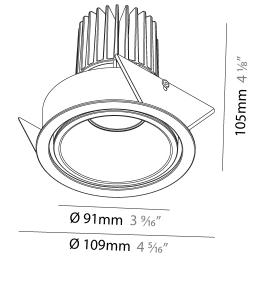
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### RATINGS AND CERTIFICATIONS

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

PROJECT			
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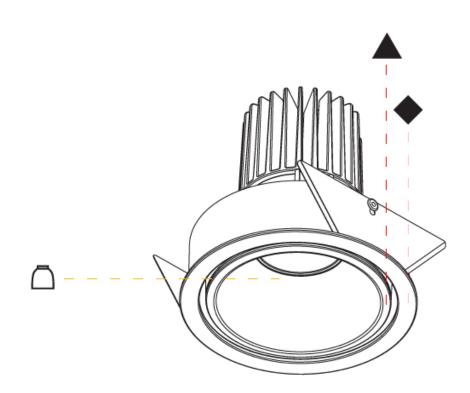
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## **INVADER STANDARD RECESSED**

A35601-

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PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



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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 <sup>5</sup> / <sub>16</sub>
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 / 1450	
CRI: >90 CRI			

## Lamp Life (hrs): 50000

OPTICAL

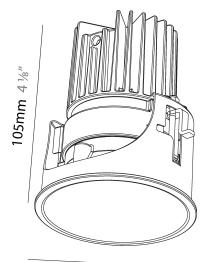
#### Reflector°: 20 / 40 / 60

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





Ø 85mm 3 3/8"



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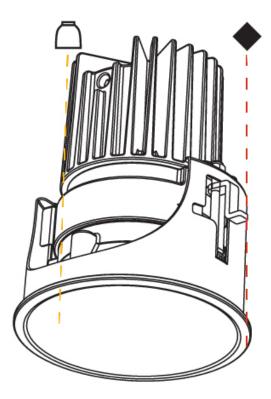
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## **INVADER STANDARD RECESSED**

A35602-

PROJECT

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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September 27, 2

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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 <sup>3</sup> / <sub>8</sub>
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

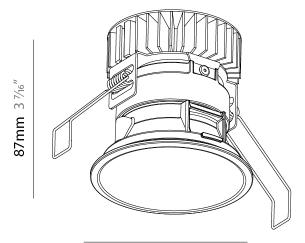
#### Reflector°: 20 / 40 / 60

#### RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





Ø 85mm 3 3/8"





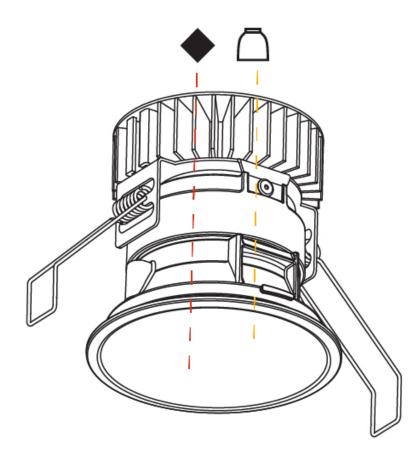
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## **INVADER STANDARD RECESSED**

A35603-

PROJECT			
TYPE			
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 <sup>1</sup> / <sub>2</sub>			
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
Un en De succet. Caracial De succession

## Upon Request: Special Beam Angles

## RATINGS AND CERTIFICATIONS

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

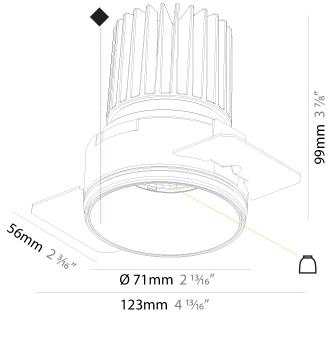
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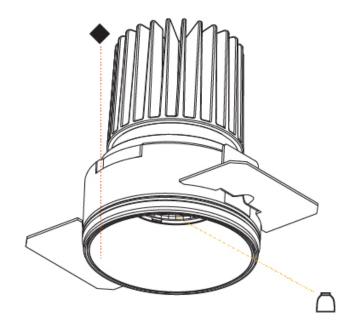
10 | 12 ½ | 15mm

## **INVADER STANDARD TRIMLESS**

A35826-

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PROJECT	
ТУРЕ	
SPECIFIER	
QUANTITY	
DATE	



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## **INVADER STANDARD TRIMLESS**

### A37905-

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: Trimless	
Mounting Location: Ceiling	
Subcategory: Spots	
PHYSICAL	
Shape: Round	
Diameter (mm): 39	
Diameter (in): 1 <sup>9</sup> / <sub>16</sub>	
Height (mm): 49	
Height (in): 1 <sup>15</sup> / <sub>16</sub>	
Ceiling Thickness (mm): 10 / 1	2.5 / 15 / 25
Ceiling Thickness (in): 3/8 or 1	L/2 or 9/16
Min. Recessing Depth (mm): 6	5
Min. Recessing Depth (in): 2 ½	)
Light Distribution: Downlight	
Weight (kg): 0.106	
Weight (lbs): 0.23	
	I / CRY / HAB / UFT / ITA / RUA / FTG / MYG / POP / BLS / SPG / MEY / GOH / GUM / CHC / / ROR
Fixture Material: Aluminum	
Cut-out Measurements: 45mr	n / 1 3/4"
Upon Request: Unique Sizes I	
ELECTRICAL	
Lamp Type: LED (Zhaga Stand	dard)
Input Wattage (W): 2.2	
Total Output Wattage (W): 2	
Dimming: 0-10V Dimming / Pł	nase Dimming (120Vac Only)
Driver Included: No	
Driver Location: Remote	

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

#### Number of LEDs: 1

INC	
Сс	olor Temperature (°K): 2700 / 3000 / 3500 / 4000
Ma	ax. Delivered Lumen (lm): 160 / 170 / 176 / 180

CRI: >90 CRI

Lamp	Life	(hrs):	50000

Upon Request: RGB-W Tunable White Special Color Temperature

#### OPTICAL

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

### RATINGS AND CERTIFICATIONS

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

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ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





75mm 2 15/16"



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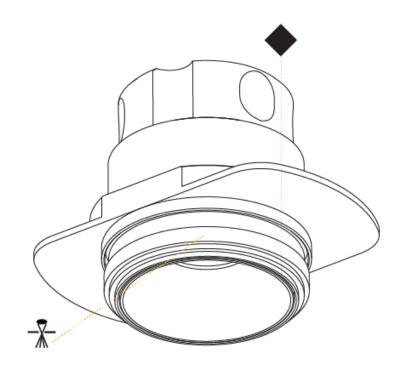
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## **INVADER STANDARD TRIMLESS**

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 <sup>9</sup> / <sub>16</sub>	
Height (mm): 72	
Height (in): 2 <sup>13</sup> / <sub>16</sub>	
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 <sup>7</sup> / <sub>8</sub>	
Light Distribution: Downlight	
Weight (kg): 0.129	
Weight (lbs): 0.28	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RU LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH 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)	

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

## LED

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

### OPTICAL

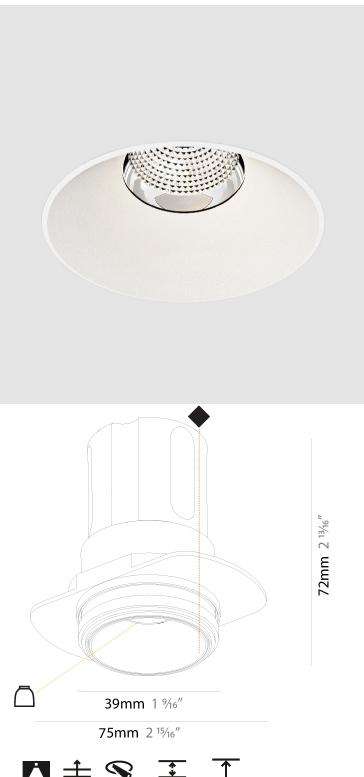
Reflector°: 33 / 47 / 65

## Upon Request: Special Beam Angles

### **RATINGS AND CERTIFICATIONS**

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

PROJECT		
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SPECIFIER		
QUANTITY		
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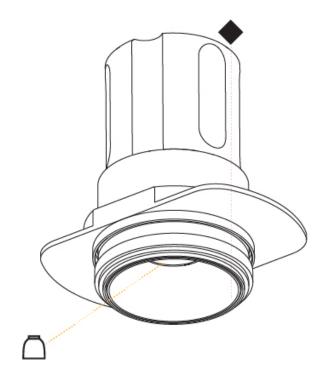
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## **INVADER STANDARD TRIMLESS**

A37912-

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## **INVADER STANDARD RECESSED**

### A37946-

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 <sup>13</sup> / <sub>16</sub>
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
$\underbrace{Min. Recessing Depth (in): 5 _2^{\prime}}_2$
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

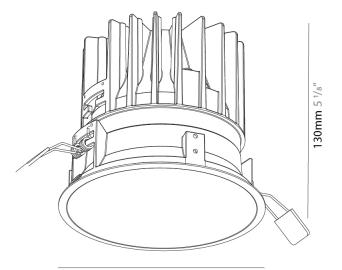
#### Reflector°: 18 / 26 / 40

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			
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Ø148mm 5<sup>13</sup>/16"

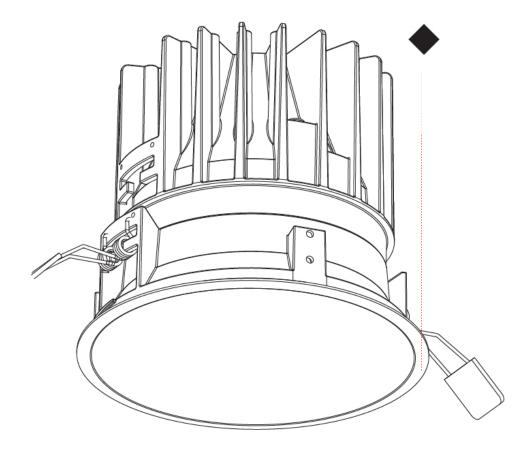
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## **INVADER STANDARD RECESSED**

A37946-

PROJECT			
TYPE			
SPECIFIER			
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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 <sup>3</sup> / <sub>4</sub>	
Height (mm): 49	
Height (in): 1 <sup>15</sup> / <sub>16</sub>	
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 <sup>7</sup> / <sub>8</sub>	
Light Distribution: Downlight	
Weight (kg): 0.084	
Weight (lbs): 0.185	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA	
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / COM / ABZ / JAG / OBR / MOS / ROR	GUM / CHC /
Fixture Material: Aluminum	
Cut-out Measurements: Dia: 41mm / 1 5/8"	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 2.2	
Total Output Wattage (W): 2	
Dimming: Non-Dimmable	
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Current - 120 / 277Vac	

Divertype. Constant current - 120/211Vac
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

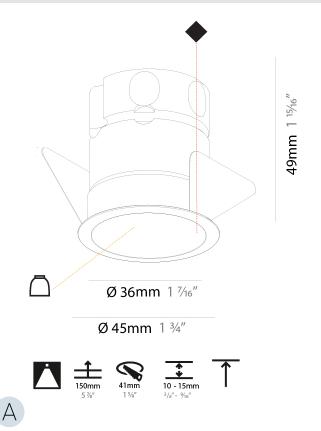
Reflector°: 12 / 20 / 35

#### RATINGS AND CERTIFICATIONS

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





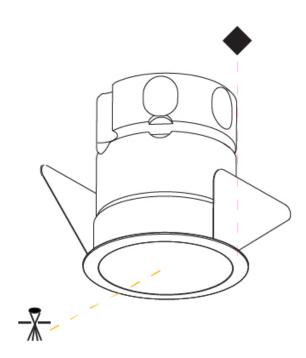
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## **INVADER STANDARD RECESSED**

A37952-

PROJECT			
ТҮРЕ			
SPECIFIER			
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DATE			



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## **INVADER STANDARD RECESSED**

### A37959-

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

SEREIGRE	
Series: Invader Standard	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 45	
Diameter (in): $1\frac{3}{4}$	
Height (mm): 71	
Height (in): 2 <sup>13</sup> / <sub>16</sub>	
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: Downlight	
Weight (kg): 0.102	
Weight (lbs): 0.23	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / F LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GU COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum	
Cut-out Measurements: Dia: 41mm / 1 5/8"	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 7.7	
Total Output Wattage (W): 7	
Dimming: Non-Dimmable	
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Current - 120 / 277Vac	
Driver Class, Class 2	

Input Voltage (V): 120 - 277	
Constant Current (MA): 250	
Upon Request: 0-10Vdc dimming / Phase dimming 120Vac	

4000

#### LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max Delivered Lumen (lm): 630 / 650 / 686 / 700

Max. Delivered Editien (iii). 0507 0507 0007 100
Nominal Lumen (lm): 731 / 762 / 801 / 817
CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 33 / 47 / 65

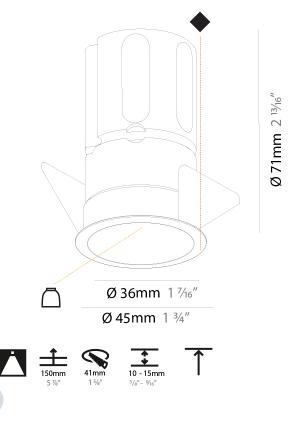
#### **RATINGS AND CERTIFICATIONS**

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

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PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





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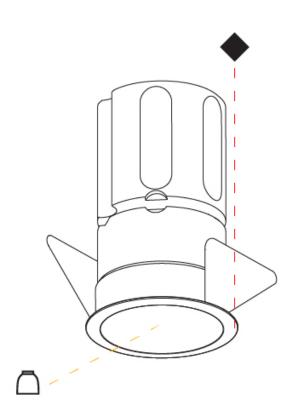
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## **INVADER STANDARD RECESSED**

A37959-

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September 27, 2024, 11:07 pm

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## **INVADER ADJUSTABLE RECESSED**

## A37962-

base number	Color	Finishes	Finishes	Reflector
	Temperature	(Diamond)	(Triangle)	Options
	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 Adjustable
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 62
Diameter (in): $2\frac{7}{16}$
Height (mm): 74
Height (in): 2 <sup>15</sup> / <sub>16</sub>
Min. Recessing Depth (mm): 150
Min. Recessing Depth (in): 5 $\frac{7}{8}$
Light Distribution: Adjustable / Direct
Weight (kg): 0.138
Weight (lbs): 0.304
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum
Cut-out Measurements: 57mm / 2 1/4"
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 7.7
Total Output Wattage (W): 7
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)
and 0-10V Dimming)
Driver Included: No

Driver	Location:	Remote
DIIVEI	Location.	Nemou

Driver Type: Constant Current - 120 / 277Vac Input Voltage (V): 120 - 277 Constant Current (MA): 250

### LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 660 / 690 / 725 / 740

CRI: >90 CRI

Lamp Life (hrs): 50000

## OPTICAL

Reflector°: 33 / 47 / 6	5

Adjustability: Rotational 180°; Tilt 30°

## **RATINGS AND CERTIFICATIONS**

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

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





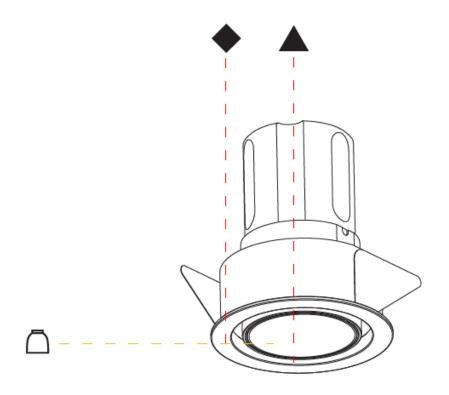
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

## INVADER ADJUSTABLE RECESSED

A37962-

PROJECT

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



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## **INVADER ON ROUND SURFACE**

## A3C142-

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 On Round	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Spots	
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 75	
Diameter (in): 2 <sup>15</sup> / <sub>16</sub>	
Height (mm): 300	
Height (in): 11 <sup>13</sup> / <sub>16</sub>	
Light Distribution: Downlight	
Weight (kg): 1.033	
Weight (lbs): 2.27	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG	i / MYG /
LOD/PUS/FRO/FUP/KIA/POP/BLS/SPG/MEY/GOH/GUM	/ CHC /
COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum	
ELECTRICAL	
Laura Tura I FD (7ha as Chan dand)	

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			

## 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
IP rating: IP20

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DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			



Ø 69mm 2 11/16"

Ø 75mm 2 <sup>15</sup>/16"

Included



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## **INVADER ON ROUND SURFACE**

A3C142-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



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## **INVADER ON ROUND SURFACE**

## A3D008-

1.50000					
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

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): $2\frac{15}{16}$	
Height (mm): 150	
Height (in): $5\frac{7}{8}$	
Light Distribution: Downlight	
Weight (kg): 0.489	
Weight (lbs): 1.08	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RU	
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	

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

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			



4 ¼″ Ø108mm





J-Box cover plate Included

Ø 69mm 2 11/16"

Ø 75mm 2 15/16"

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## INVADER ON ROUND SURFACE

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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.

## **INVADER ON ROUND SURFACE**

## A3D012-

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

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 <sup>15</sup> / <sub>16</sub>	
Height (mm): 300	
Height (in): 11 <sup>13</sup> / <sub>16</sub>	
Light Distribution: Downlight	
Weight (kg): 0.92	
Weight (lbs): 2.02	
	RY / HAB / UFT / ITA / RUA / FTG / MYG ,
	/ BLS / SPG / MEY / GOH / GUM / CHC /
COM / ABZ / JAG / OBR / MOS / ROI	
Fixture Material: Aluminum Die Ca	st
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	
Linon Request: Remote: 0-10Vdc d	imming / Phase dimming 120Vac /

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

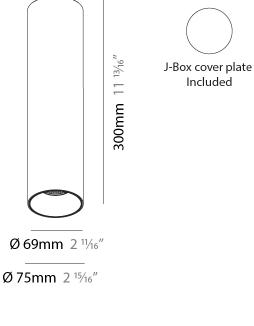
### Reflector°: 20 / 40 / 60

RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





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## **INVADER ON ROUND SURFACE**

A3D012-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



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## **INVADER ON ROUND SURFACE**

## A3D228-

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base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	

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

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 <sup>15</sup> / <sub>16</sub>
Height (mm): 125
Height (in): 4 <sup>15</sup> / <sub>16</sub>
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)

#### LED

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	

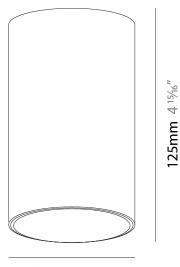
#### Reflector°: 16 / 34 / 60

#### RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





Ø75mm 2 <sup>15</sup>/16"

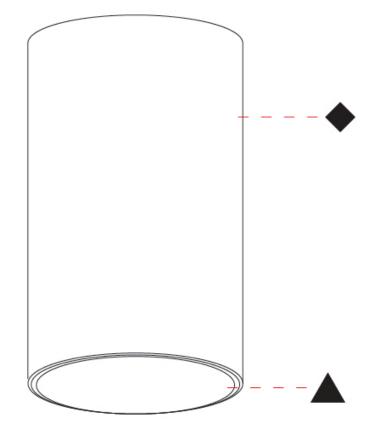
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## **INVADER ON ROUND SURFACE**

A3D228-

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PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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## INVADER ON SQUARE SURFACE

### A3D229-

base number	LED Dimming	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

GENERAL	
Series: Invader Standard	
Subseries: Invader On Square	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Spots	
PHYSICAL	
Shape: Square	
Length (mm): 75	
Length (in): 2 <sup>15</sup> / <sub>16</sub>	
Width (mm): 75	
Width (in): 2 <sup>15</sup> / <sub>16</sub>	
Height (mm): 125	
Height (in): 5 $\frac{7}{8}$	
Light Distribution: Downlight	
Weight (kg): 0.449	
Weight (lbs): 1.08	
	/ CRY / HAB / UFT / ITA / RUA / FTG / MYG /
	POP / BLS / SPG / MEY / GOH / GUM / CHC /
COM / ABZ / JAG / OBR / MOS /	
Fixture Material: Aluminum Di	e Cast
ELECTRICAL	
Lamp Type: LED (Zhaga Stand	ard)
Input Wattage (W): 10	
Total Output Wattage (W): 9.1	
0	ming 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

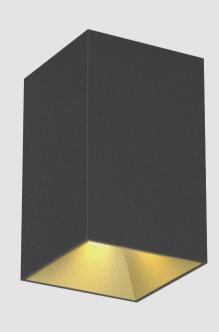
#### OPTICAL

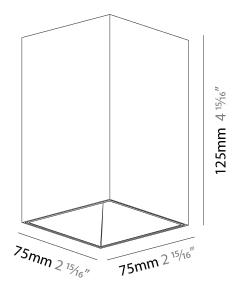
Reflector°: 18 / 34 / 60

#### RATINGS AND CERTIFICATIONS

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

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





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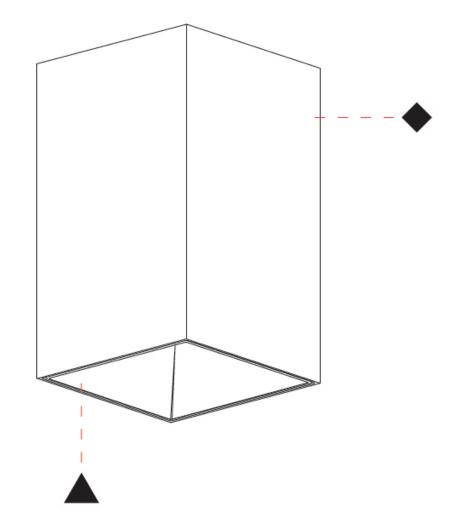
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## **INVADER ON SQUARE SURFACE**

A3D229-

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PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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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 - 19 (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**

LEGEND

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ 1 floor-mounted Y pivotable  $\circledast$ 1 0 wall and ceiling: recessed and surface mounted rotating warm dim / natural dimming LED Œ illuminate tilted Î ceiling-mounted and wall-mounted rechargeable battery powered Ø Ţ wall-mounted color of suspension cable fixture with natural vivid LED (upon request) -> 111  $\mathbb{Y}$ 1 CRI omni-directional light distribution length of suspension cable color rendering index Λ direct light distribution Δ reflector degree selection °K color temperature direct/indirect light distribution s s LM) super spot lumen (luminous flux) Å LM indirect light distribution lens efficacy (lumens per watt) asymmetric light distribution Q UGR Unified Glare Rating (UGR) range from 5-40 lens pack 0 ÷ marine grade (AISI 316 stainless steel) Ă aura light distribution shine ring 9 round wall or ceiling cut-out lacksquareintegrated shine ring with diffuser 1 walk on 5 square wall or ceiling cut-out Ö free individual colors 01-29 . drive on individual colors: 00 (free of charge), 01-25 (extra d Ċ DSC the supplied jig specifies the cutout dimensions Dark Sky Compliance charge) Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) (++) M minimum distance (meters) lamp - object luminaire part to be colored (F1) Ġ • Î lamp protected against explosion recessed depth luminaire part to be colored (F2) blown glass using traditional methods by master € ceiling thickness in mm luminaire part to be colored (F3) A glass blower T ceiling thickness selection luminaire part to be colored (F4) 1) acoustic material dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) luminaire part to be colored (F5) protection class I, protection insulation included or excluded LED driver/transformer/ control gear color of 3-circuit adaptor protection class II, protection insulation  $\odot$ У indirect diffuser 1 separately switchable ETL Certified to UL and CSA Standards 2 sensor D direct diffuser 6 UL Certified to UL and CSA Standards 0 0 ball-proof (upon request) SP CSA Certified to UL and CSA Standards remote control U (Z) 2 available upon request accessory Certified for North American Standards

## **IP RATING**

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
1965	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
1967	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

#### protected against immersion of water under pressure for long period

## **IK RATING**

КОТ	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)

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