## **INVADER COMPACT TRIMLESS**

### A35809-

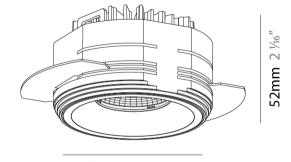
base mannoer ee	lor Fir mperature (Di	0	Reflector Options

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 Compact	
Subseries: Invader Compact	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 75	
Diameter (in): $2\frac{15}{16}$	
Height (mm): 52	
Height (in): $2\frac{1}{16}$	
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1	
Min. Recessing Depth (mm): 60	
Min. Recessing Depth (in): 2 <sup>3</sup> / <sub>8</sub>	
Light Distribution: Downlight	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA /	FTG / MYG /
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / G	UM / CHC /
COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum	
Cut-out Measurements: D. 86mm / 3 3/8"	
Upon Request: Unique Sizes Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 12	
Total Output Wattage (W): 10.9	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120) and 0-10V Dimming)	Vac only)
Driver Included: No	
Driver Location: Recessed Housing	
Driver Type: Constant Current - 120Vac	
Driver Class: Class 2	
Housing: See components	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500mA	
LED	
Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 1012 / 1059 / 1089 / 1123	



Ø75mm 2 15/16"

Ø85mm 3 3/8"

PROJECT TYPE SPECIFIER QUANTITY DATE



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Nominal Lumen (lm): 1141 / 1195 / 1123 / 1266

Certified By: Certified for North American Standards

CRI: >90 CRI Lamp Life (hrs): 50000

OPTICAL

IP rating: IP44

Reflector°: 18 / 36 / 56

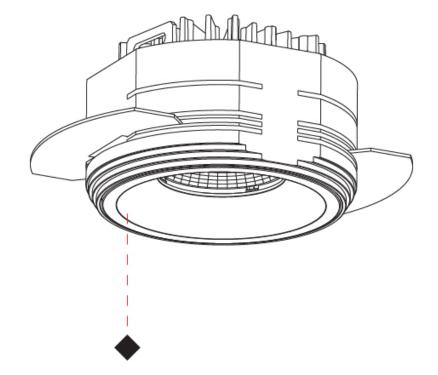
Upon Request: Special Beam Angles **RATINGS AND CERTIFICATIONS** 

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

## **INVADER COMPACT TRIMLESS**

A35809-

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE



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## **INVADER COMPACT RECESSED**

### A35811-

base number	Color Temperature	Finishes (Diamond)	Reflector Options	Lens 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 Compact	
Subseries: Invader Compact	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 75	
Diameter (in): 2 <sup>15</sup> / <sub>16</sub>	
Height (mm): 52	
Height (in): 2 <sup>1</sup> / <sub>16</sub>	
Ceiling Thickness (mm): 1 - 25	
Ceiling Thickness (in): 1/16 - 1	
Min. Recessing Depth (mm): 55	
Min. Recessing Depth (in): $2\frac{3}{16}$	
Light Distribution: Downlight	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / M LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / C COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum	
Cut-out Measurements: D. 68mm / 2 11/16"	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 12	
Total Output Wattage (W): 9	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only	V)

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 - 120Vac
Driver Class: Class 2
Housing: See components
Input Voltage (V): 120 - 277
Constant Current (MA): 500mA

### LED

Number of LEDs: 1		
Color Temperature (°K): 2700	/ 3000 / 3500 / 4000	

Color Temperature (°K): 2700 / 3000 / 3500 / 4000			
Max. Delivered Lumen (lm): 1012 / 1059 / 1098 / 1123			
Nominal Lumen (lm): 1141 / 1194 / 1238 / 1266			
CRI: >90 CRI			

Lamp Life (hrs): 50000

#### OPTICAL

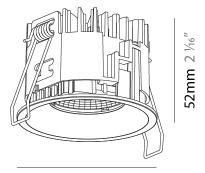
#### Reflector°: 18 / 36 / 56

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP44

TYPE SPECIFIER QUANTITY DATE	PROJECT				
QUANTITY	ТҮРЕ				
	SPECIFIER	-			
DATE	QUANTITY				
	DATE				





Ø75mm 2 15/16"

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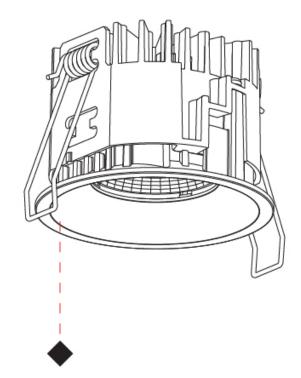
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## **INVADER COMPACT RECESSED**

A35811-

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PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE



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## INVADER COMPACT ADJUSTABLE RECESSED

### A35813-

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 Compact	
Subseries: Invader Compact Adjustable	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
0	
Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 75	
Diameter (in): 2 <sup>15</sup> / <sub>16</sub>	
Height (mm): 75	
Height (in): 2 <sup>15</sup> / <sub>16</sub>	
Ceiling Thickness (mm): 1 - 25	
Ceiling Thickness (in): 1/16 - 1	
Min. Recessing Depth (mm): 85	
Min. Recessing Depth (in): $3\frac{3}{8}$	
Light Distribution: Downlight	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / N LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / C COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum	
Cut-out Measurements: D. 68mm / 2 11/16"	
Upon Request: Unique Sizes Unique Ceiling Thickness	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 11	
Total Output Wattage (W): 10	

	Total Output Wattage (W): 10
	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 - 120Vac
	Driver Class: Class 2
	Housing: See Components
	Input Voltage (V): 120 - 277
	Constant Current (MA): 500
Dimming: Tri-Mode (Non-Dimming and Pha and 0-10V Dimming) Driver Included: No Driver Location: Recessed Housing Driver Type: Constant Current - 120Vac Driver Class: Class 2 Housing: See Components Input Voltage (V): 120 - 277	

#### LED

Number of LEDs: 1	
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Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 812 / 860 / 892 / 911	
Nominal Lumen (lm): 1141 / 1194 / 1238 / 1266	
CRI: >90 CRI	

Lamp	Life	(hrs):	50000
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#### OPTICAL

#### Reflector°: 22 / 38 / 48

Adjustability: Rotational 350° / Tilt 25° Upon Request: Special Beam Angles

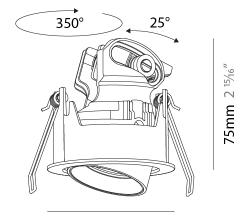
#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP40	

PROJECT

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TYPE			
SPECIFIER			
QUANTITY			
DATE			





Ø75mm 2 15/16"

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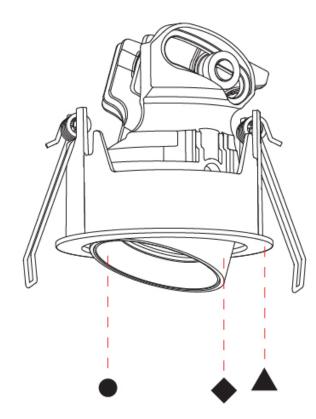
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### INVADER COMPACT ADJUSTABLE RECESSED

A35813-

ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



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## **INVADER COMPACT ADJUSTABLE TRIMLESS**

A3504C		DATE
A35846	Reflector	
Temperature (Diamond) (Triangle) (Circle) Thickness	Options	
<ol> <li>To build a product code in our configurator select the specify button on the base model # product page</li> <li>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 #</li> </ol>		
GENERAL		
Series: Invader Compact		
Subseries: Invader Compact Adjustable		
Brand: Prolicht		
Division: Architectural		
Mounting Type: Trimless		
Mounting Location: Ceiling		
Subcategory: Downlight		
PHYSICAL		
Shape: Round		
Diameter (mm): 75		
Diameter (in): $2^{15}/_{16}$		
Height (mm): 75		
Height (in): 2 <sup>15</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): 85		
Min. Recessing Depth (in): $3\frac{3}{8}$		
Light Distribution: Downlight		
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: D. 86mm / 3 3/8"		
Upon Request: Unique Sizes Unique Ceiling Thickness		
ELECTRICAL		
Lamp Type: LED (Zhaga Standard)		
Input Wattage (W): 11		
Total Output Wattage (W): 10		
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)		
Driver Included: No		350° > 25°
Driver Location: Recessed Housing		
Driver Type: Constant Current - 120Vac Driver Class: Class 2		
Housing: See components		12 <sup>/</sup> /9 <sup>/</sup>
Input Voltage (V): 120 - 277		
Constant Current (MA): 500		
		75mm
LED		
Number of LEDs: 1		
Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 821 / 860 / 892 / 911		
Nominal Lumen (lm): 1141 / 1194 / 1238 / 1266		
CRI: >90 CRI		
Lamp Life (hrs): 50000		
OPTICAL		<b>Ø75mm</b> 2 <sup>15</sup> ⁄16″
Reflector°: 22 / 38 / 48		
Adjustability: Rotational 350° / Tilt 25°		
Upon Request: Special Beam Angles		Ø85mm 3 ¾″
RATINGS AND CERTIFICATIONS		
Certified By: Certified for North American Standards		
IP rating: IP40		٨
		A

PROJECT

TYPE		
SPECIFIER		
QUANTITY		
DATE		

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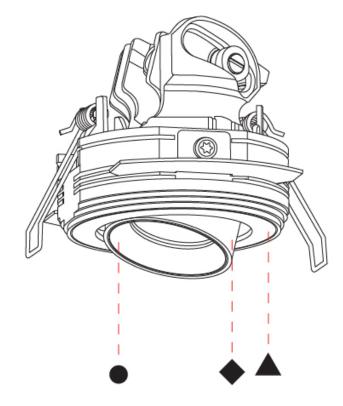
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**INVADER COMPACT ADJUSTABLE TRIMLESS** 

A35846-

ТҮРЕ				
SPECIFIER				
QUANTITY				
DATE	-		-	



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## **INVADER COMPACT**

**Fixture Finish** 

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 COMPACT

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  $\mathbb{Y}$ omni-directional light distribution 1 CRI 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  $\odot$ ball-proof (upon request) SP

### **IP RATING**

2

remote control

available upon request

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
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

### **IK RATING**

(Z)

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)
1606	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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

CSA Certified to UL and CSA Standards

Certified for North American Standards

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U

accessory