# **ZANEEN**<sub>®</sub>

### **INVADER WALLWASH RECESSED**

#### A35608-

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

GENERAL	
Series: Invader Wallwash	
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): 111	
Height (in): 4 <sup>3</sup> / <sub>8</sub>	
Ceiling Thickness (mm): 5 - 30	
Ceiling Thickness (in): 1/16 - 1 3/16	
Min. Recessing Depth (mm): 120	
Min. Recessing Depth (in): 4 <sup>3</sup> / <sub>4</sub>	
Light Distribution: Downlight	
Weight (kg): 0.351	
Weight (lbs): 0.774	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RU LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOF COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum	
Cut-out Measurements: D - 80mm / 3 1/8"	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 14.3	
Total Output Wattage (W): 13	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (2 and 0-10V Dimming)	L20Vac only)
Driver Included: No	

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 Tomporaturo (%): 2700 / 2000 / 2500 / 400

Color Temperature (*K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 970 / 1000 / 1058 / 1080	
Nominal Lumen (lm): 1304 / 1352 / 1421 / 1450	

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

OPTICAL

Reflector°: 20 / 40 / 60

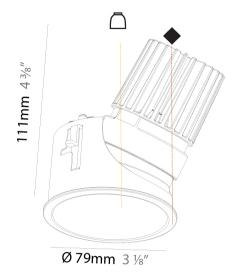
Adjustability: Fixed

#### RATINGS AND CERTIFICATIONS

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





Ø 85mm 3 3/8"





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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.

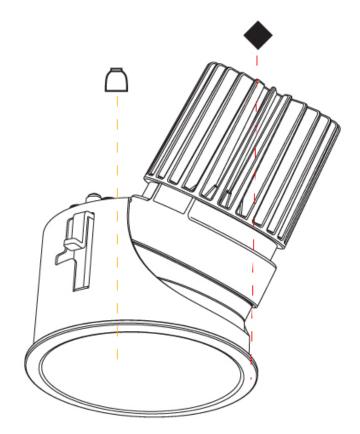
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

# **ZANEEN**.

## **INVADER WALLWASH RECESSED**

A35608-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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# **ZANEEN**<sub>®</sub>

### **INVADER WALLWASH RECESSED**

#### A35609-

Finishes base number Color Temperature (Diamond)

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 Wallwash	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Wallwash	
PHYSICAL	
Shape: Round	
Diameter (mm): 85	
Diameter (in): 3 ¾	
Height (mm): 111	
Height (in): 4 <sup>3</sup> / <sub>8</sub>	
Min. Recessing Depth (mm): 120	
Min. Recessing Depth (in): 4 ¾	
Light Distribution: Downlight	
Weight (kg): 0.363	
Weight (lbs): 0.8	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA	
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 - 80mm / 3 1/8"	

Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 13.8	
Total Output Wattage (W): 12.5	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac and 0-10V Dimming)	only)
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): 1048/ 1096 / 1126 / 1159	

CRI: >90 CRI

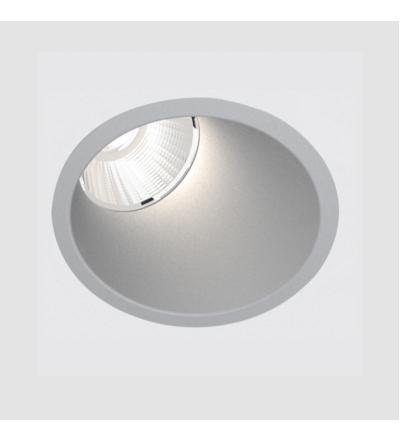
Lamp Life (hrs): 50000

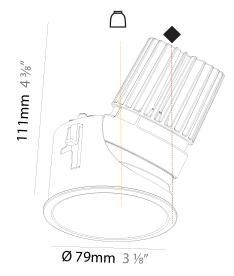
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards	
IP rating: IP65	

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





Ø 85mm 3 3/8"





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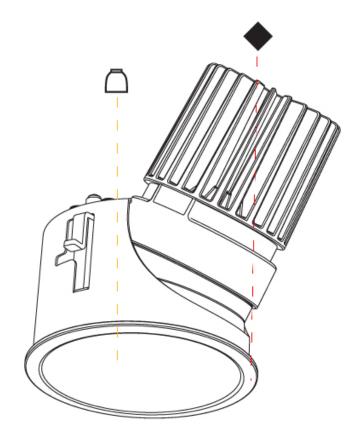
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## **INVADER WALLWASH RECESSED**

A35609-

PROJECT			
ТҮРЕ	-		
SPECIFIER			
QUANTITY			
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## INVADER WALLWASH

**COLOR FINISH CHART** 

**Fixture Finish** 

PROJECT

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 WALLWASH**

LEGEND

PROJECT

г	π	JJ	-	c

TYPE SPECIFIER

QUANTITY

DATE

↓	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	T	color of suspension cable	111 1960	fixture with natural vivid LED (upon request)
¥	omni-directional light distribution	>	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	ĸ	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	*	lens		efficacy (lumens per watt)
	asymmetric light distribution	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ä	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	Ó	free individual colors 01-29		drive on
୶ୖୣୢୖ୶	the supplied jig specifies the cutout dimensions	ľ.	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>DSC</b>	Dark Sky Compliance
(++)	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
++	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)	۲	luminaire part to be colored (F5)		protection class I, protection insulation
ŝ	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 (U) us	UL Certified to UL and CSA Standards
	remote control	$\boldsymbol{\mathfrak{S}}$	ball-proof (upon request)	<b>S</b>	CSA Certified to UL and CSA Standards
2	available upon request	U	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
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**

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

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