ZANEEN_®

INVADER ON SQUARE SURFACE

A3D229-

base number	LED	Color	Finishes	Finishes	Reflector
	Dimming	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

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 ¹⁵ / ₁₆	
Width (mm): 75	
Width (in): 2 ¹⁵ / ₁₆	
Height (mm): 125	
Height (in): 5 $\frac{7}{8}$	
Light Distribution: Downlight	
Weight (kg): 0.449	
Weight (lbs): 1.08	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS, FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum Die Cast	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 10	
Total Output Wattage (W): 9.1	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)	
Driver Included: No	
Driver Location: Integrated	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500	
LED	
Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): Max. 939	
CRI: >90 CRI	

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

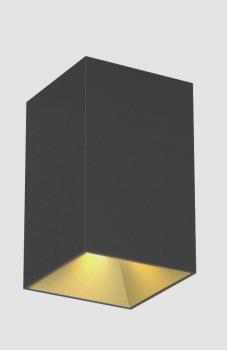
Reflector°: 18 / 34 / 60 DATINGS AND CEDTIFICATIONS

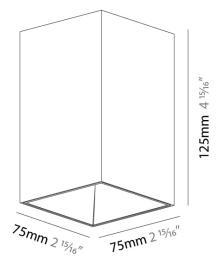
RATINGS AND CERTIFICATIONS
Certified By: CSA Certified to UL and CSA Standard

IP rating: IP20

PROJECT

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





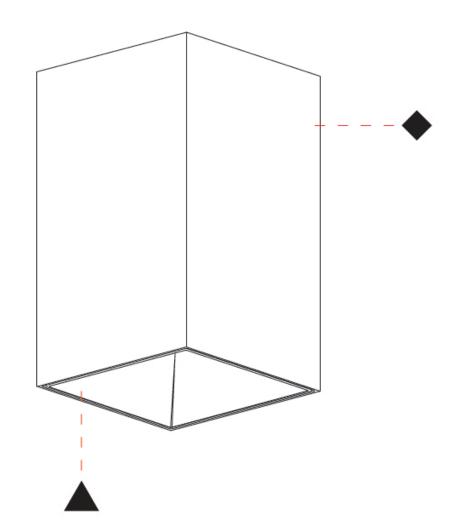
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

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 ON SQUARE SURFACE

A3D229-



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October 18, 2024, 2:25 am

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INVADER ON SQUARE SURFACE

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 - <u>13 (MYG)</u>	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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LEGEND

INVADER ON SQUARE SURFACE

PROJECT

TYPE SPECIFIER

QUANTITY

DATE

0

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CRI

Special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+

fixture with natural vivid LED (upon request)

warm dim / natural dimming LED

rechargeable battery powered

color rendering index

1 floor-mounted Y pivotable 1 rotating wall and ceiling: recessed and surface mounted 0 Î Œ illuminate tilted ceiling-mounted and wall-mounted Ţ -> wall-mounted color of suspension cable ¥ omni-directional light distribution 1 length of suspension cable

direct light distribution	Δ	reflector degree selection	(×	color temperature
direct/indirect light distribution	s s	super spot	$(\underline{\mathbf{z}})$	lumen (luminous flux)
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	€to	marine grade (AISI 316 stainless steel)
round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	۲	walk on
square wall or ceiling cut-out	Ċ	free individual colors 01-29	۲	drive on
the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
minimum distance (meters) lamp - object	٠	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)		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
separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
sensor	D	direct diffuser	c(H) us	UL Certified to UL and CSA Standards
remote control	\odot	ball-proof (upon request)	۵÷	CSA Certified to UL and CSA Standards
available upon request	U	accessory	2	Certified for North American Standards
	aura light distribution round wall or ceiling cut-out square wall or ceiling cut-out the supplied jig specifies the cutout dimensions minimum distance (meters) lamp - object recessed depth ceiling thickness in mm ceiling thickness selection dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) included or excluded LED driver/transformer/ control gear separately switchable sensor remote control	direct/indirect light distribution	direct/indirect light distribution isuper spot indirect light distribution image: spot asymmetric light distribution image: spot aura light distribution image: spot round wall or ceiling cut-out image: spot square wall or ceiling cut-out image: spot the supplied jig specifies the cutout dimensions image: spot individual colors: 00 (free of charge), 01-25 (extra charge) individual colors: 00 (free of charge), 01-25 (extra charge) minimum distance (meters) lamp - object Image: luminaire part to be colored (F1) recessed depth Image: luminaire part to be colored (F2) ceiling thickness in mm Image: luminaire part to be colored (F3) ceiling thickness selection Image: luminaire part to be colored (F4) (immable DP (phase), DV (0-10V), DD (dali), DS Image: luminaire part to be colored (F5) included or excluded LED driver/transformer/ control gear color of 3-circuit adaptor sensor indirect diffuser sensor indirect diffuser remote control image: spot discond	direct/indirect light distribution image: super spot indirect light distribution image: super spot asymmetric light distribution image: super spot aura light distribution image: super spot square wall or ceiling cut-out image: super spot individual colors 01-29 image: supplied jig specifies the cutout dimensions individual colors: 00 (free of charge), 01-25 (extra image: supplied jig specifies the cutout dimensions individual colors: 00 (free of charge), 01-25 (extra image: supplied jig specifies the cutout dimensions individual colors: 00 (free of charge), 01-25 (extra image: supplied jig specifies the cutout dimensions indirect diffuser image: supplied jig specifies the cutout dimensions image: supplied jig specifies the cutout dimensions indirect light distribution image: supplied jig specifies the cutout dimensions image: supplied jig specifies the cutout dimensions indirect light distribution image: supplied jig specifies the cutout dimensions image: supplied jig specifies the cutout dimage: supplied jig specifies the cutout dimen

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
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)
1602	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)
КО4	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)

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