INVADER MICRO-DOT RECESSED

A350030-

Finishes 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

Reflector

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

OLNERAL	
Series: Invader Micro-Dot	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 39	
Diameter (in): 1 ⁹ / ₁₆	
Height (mm): 71	
Height (in): 2 ¹³ / ₁₆	
Ceiling Thickness (mm): 10 - 30	
Ceiling Thickness (in): 3/16 - 1 3/16	
Min. Recessing Depth (mm): 90	
Min. Recessing Depth (in): 3 1/16	
Light Distribution: Downlight	
Installation Requirement: Ceiling Thickness: 10mm - 30mm	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / M LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CH COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum	
Cut-out Measurements: 45mm / 1 3/4"	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 9	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only and 0-10V Dimming))
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 700	
LED	

LED

Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 396 / 420 / 443 / 462 Nominal Lumen (lm): 588 / 623 / 657 / 686 CRI: >90 CRI Lamp Life (hrs): 50000

OPTICAL

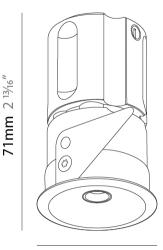
Optic°: 32 / 58

RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





Ø45mm 1 34"

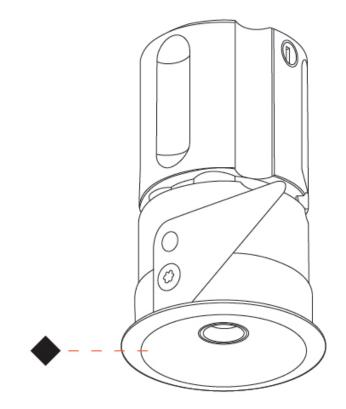
Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

INVADER MICRO-DOT RECESSED

A350030-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

А



INVADER MICRO-DOT RECESSED

A350031-

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

GENERAL
Series: Invader Micro-Dot
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Round
Diameter (mm): 39
Diameter (in): 1 ⁹ / ₁₆
Height (mm): 49
Height (in): $3\frac{7}{8}$
Ceiling Thickness (mm): 10 - 30
Ceiling Thickness (in): 3/16 - 1 3/16
Min. Recessing Depth (mm): 65
Min. Recessing Depth (in): $2\%_{16}$
Light Distribution: Downlight
Installation Requirement: Ceiling Thickness: 10mm - 30mm
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: 45mm / 1 3/4"
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 6
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Remote
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): 310 / 328 / 347 / 356

Nominal Lumen (lm): 460 / 487 / 514 / 528 CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Optic°: 32 / 58

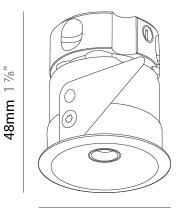
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





Ø45mm 1 3/4"

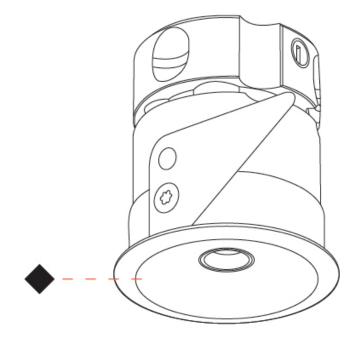
Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

INVADER MICRO-DOT RECESSED

A350031-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

А

INVADER MICRO-DOT TRIMLESS

A350032-

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

GENERAL	
Series: Invader Micro-Dot	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Round	
Diameter (mm): 39	
Diameter (in): 1 %	
Height (mm): 49	
Height (in): 3 ⁷ / ₈	
Ceiling Thickness (mm): 10 - 30	
Ceiling Thickness (in): 3/16 - 1 3/16	
Min. Recessing Depth (mm): 65	
Min. Recessing Depth (in): 2 $\%_{16}$	
Light Distribution: Downlight	
Installation Requirement: Ceiling Thickness: 10mm - 30mm	
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	
Fixture Material: Aluminum	
Cut-out Measurements: 45mm / 1 3/4"	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 6	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (12) and 0-10V Dimming)	0Vac only)
Driver Included: No	
Driver Location: Remote	
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	
May Delivered Lymen (Im), 210 / 220 / 247 / 250	

Max. Delivered Lumen (lm): 310 / 328 / 347 / 356

Nominal Lumen (lm): 460 / 487 / 514 / 528

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Optic°: 32 / 58

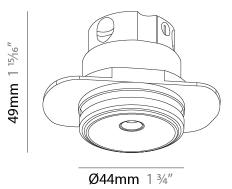
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





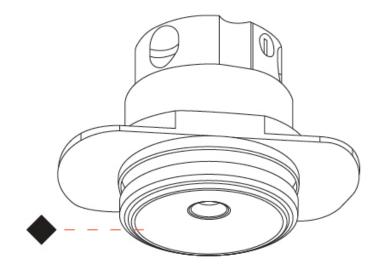
Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

INVADER MICRO-DOT TRIMLESS

A350032-

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

Д

Page 6/10

INVADER MICRO-DOT TRIMLESS

A350033-

Finishes 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

Reflector

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

_	
Se	eries: Invader Micro-Dot
В	rand: Prolicht
D	ivision: Architectural
Μ	lounting Type: Trimless
Μ	lounting Location: Ceiling
S	ubcategory: Downlight
Ρ	HYSICAL
S	hape: Round
D	iameter (mm): 39
D	iameter (in): 1 ⁹ / ₁₆
Н	eight (mm): 71
Н	leight (in): 2^{13}_{16}
C	eiling Thickness (mm): 10 - 30
C	eiling Thickness (in): 3/16 - 1 3/16
Μ	lin. Recessing Depth (mm): 90
М	lin. Recessing Depth (in): 3 ⁹ / ₁₆
Li	ight Distribution: Downlight
In	nstallation Requirement: Ceiling Thickness: 10mm - 30mm
	ixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /
	OD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /
_	OM / ABZ / JAG / OBR / MOS / ROR ixture Material: Aluminum
_	
_	ut-out Measurements: 45mm / 1 3/4"
	LECTRICAL
	amp Type: LED (Zhaga Standard)
	nput Wattage (W): 9
_	otal Output Wattage (W): 8.2
	imming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) nd 0-10V Dimming)
_	river Included: No
_	river Location: Remote
_	river Type: Constant Current - Universal
	river Class: Class 2
_	nput Voltage (V): 120 - 277
	onstant Current (MA): 700
_	

LED

Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 396 / 420 / 443 / 462	
Nominal Lumen (lm): 588 / 623 / 657 / 686	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
OPTICAL	

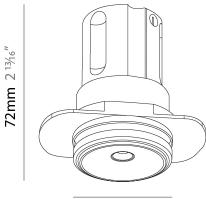
Optic°: 32 / 58

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP40
Glare Rating: < 10

PROJECT				
TYPE				
SPECIFIER	,			
QUANTITY				
DATE				





Ø44mm 1 3/4"

Zaneen Group Inc. © 2024. T 1800-388-3382. F 416-247-9319. www.zaneen.com

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

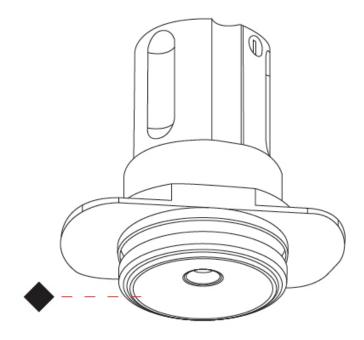
In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

Page 7/10

INVADER MICRO-DOT TRIMLESS

A350033-

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

Д

Page 8/10

INVADER MICRO-DOT

COLOR FINISH CHART

Fixture Finish

PROJECT

PRUJECI		
TYPE		
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.

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

Page 9/10



INVADER MICRO-DOT

LEGEND

PROJECT

TYPE	

SPECIFIER

QUANTITY

DATE

↓	floor-mounted	¥	pivotable	*	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	K	illuminate tilted	Ø	rechargeable battery powered
\rightarrow	wall-mounted	T	color of suspension cable	на	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	°K	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	9	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ä	aura light distribution	0	shine ring	3	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	۲	drive on
۲ <u>ک</u>	the supplied jig specifies the cutout dimensions	л).	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	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
1	ceiling thickness in mm		luminaire part to be colored (F3)	٢	blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)	()	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
4	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
স	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
シ	sensor	D	direct diffuser	c (H) us	UL Certified to UL and CSA Standards
	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	۹.	CSA Certified to UL and CSA Standards

IP RATING

available upon request

2

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)
1940	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
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

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)

Certified for North American Standards

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

() accessory