

MAGIQ 2 CELL MICRO-DOT TRIMLESS

A35780-

-

base number

Color

Lens

Temperature

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: Magiq Micro Dot

Subseries: Magiq 2 Cell Micro-Dot

Brand: Prolicht

Division: Architectural

Mounting Type: Trimless

Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Rectangle

Length (mm): 70

Length (in): 2 ¾

Width (mm): 35

Width (in): 1 ⅜

Height (mm): 65

Height (in): 2 ⅞

Ceiling Thickness (mm): 12.5

Ceiling Thickness (in): 1/2

Min. Recessing Depth (mm): 100

Min. Recessing Depth (in): 3 ⅝

Light Distribution: Downlight

Weight (kg): 0.241

Weight (lbs): 0.53

Fixture Finish: BLK

Fixture Material: Aluminum Die Cast

Cut-out Measurements: 82mm/ 3 1/4" x 42mm / 1 5/8"

Upon Request: Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 9

Total Output Wattage (W): 6.6

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): 1050

LED

Number of LEDs: 2

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

Max. Delivered Lumen (lm): 320 / 349 / 357 / 364

Nominal Lumen (lm): 440 / 465 / 470 / 480

CRI: >90 CRI

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature

OPTICAL

Optic°: 22 / 38

Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

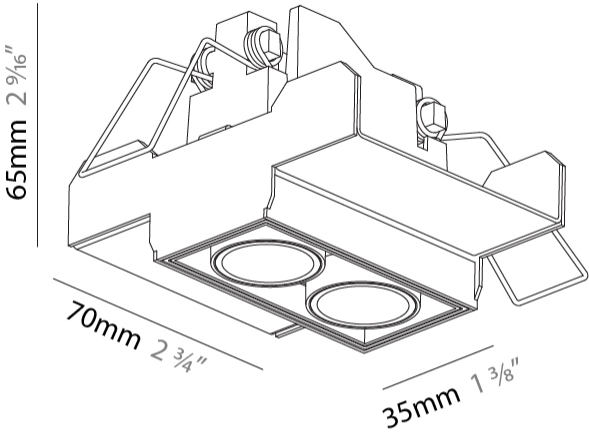
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



82mm x 82mm  
3 1/4" x 3 1/4"

120mm  
4 3/4"

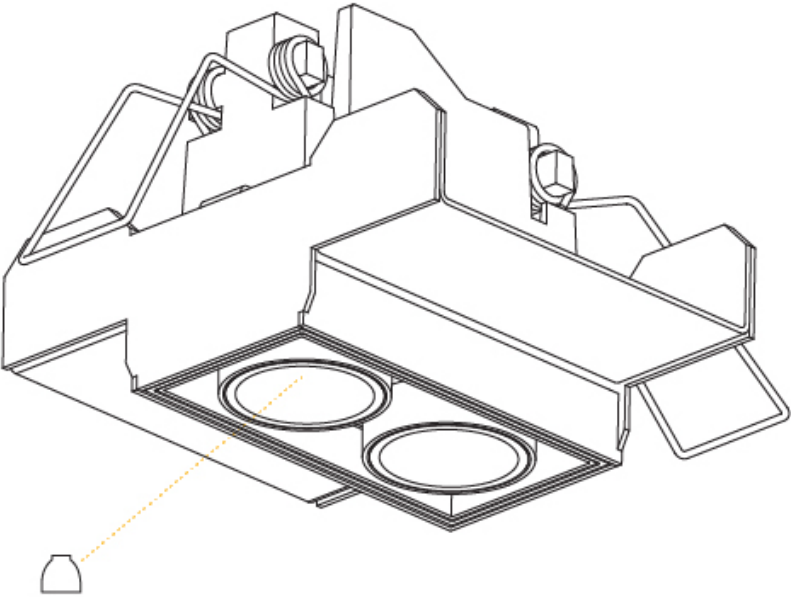
12 1/2mm  
1/2"



MAGIQ 2 CELL MICRO-DOT TRIMLESS

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| PROJECT   |  |
| TYPE      |  |
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| QUANTITY  |  |
| DATE      |  |



MAGIQ 2X2 CELL MICRO-DOT TRIMLESS

A35781- -

base number

Color

Lens

Temperature

Options

1.

To build a product code in our configurator select the specify button on the base model # product page
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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: Magiq Micro Dot

Subseries: Magiq 2x2 Cell Micro-Dot

Brand: Prolicht

Division: Architectural

Mounting Type: Trimless

Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Square

Length (mm): 70

Length (in): 2 ¾

Width (mm): 70

Width (in): 2 ¾

Height (mm): 65

Height (in): 2 9/16

Ceiling Thickness (mm): 12.5

Ceiling Thickness (in): 1/2

Min. Recessing Depth (mm): 100

Min. Recessing Depth (in): 3 15/16

Light Distribution: Downlight

Weight (kg): 0.428

Weight (lbs): 0.94

Fixture Material: Aluminum Die Cast

Cut-out Measurements: 82mm / 3 1/4" x 42mm / 1 5/8"

Upon Request: Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 14.3

Total Output Wattage (W): 13.2

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): 1050

LED

Number of LEDs: 4

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

Max. Delivered Lumen (lm): 640 / 677 / 698

Nominal Lumen (lm): 880 / 930 / 960

CRI: >90 CRI

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature

OPTICAL

Optic°: 22 / 38

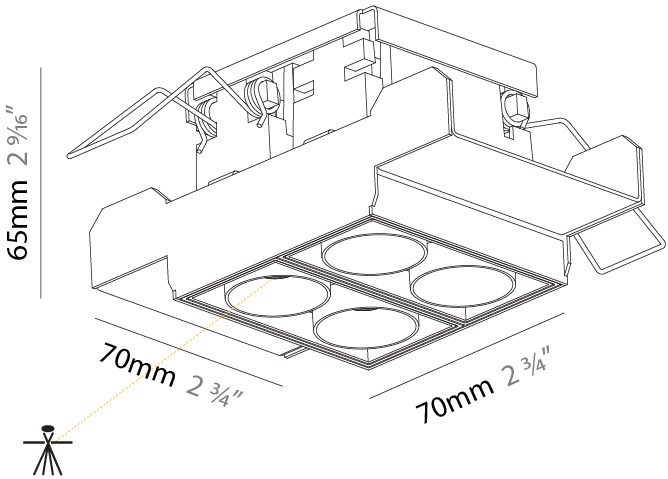
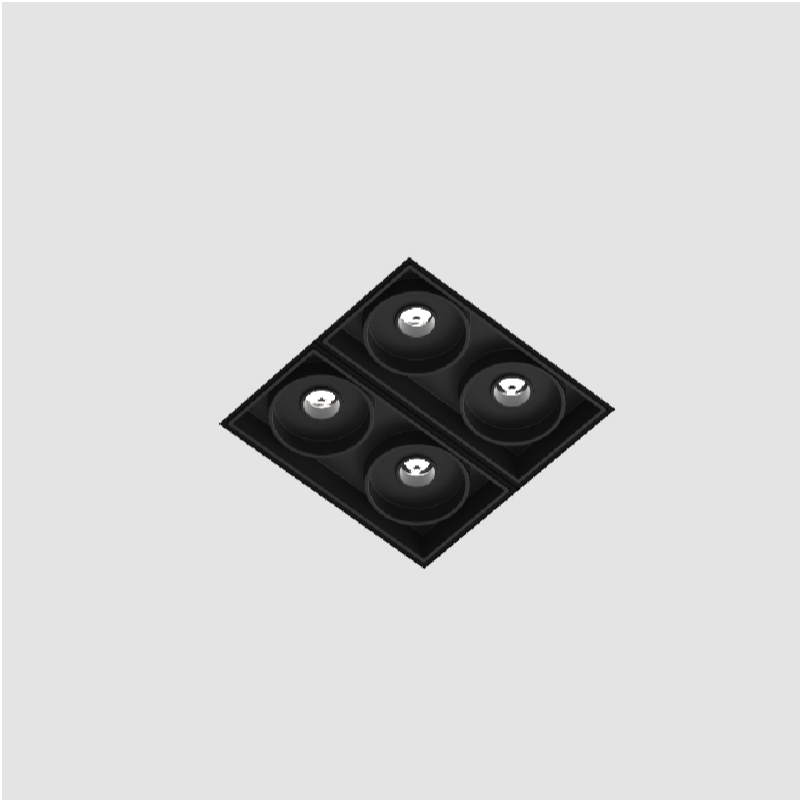
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

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82mm x 82mm  
3 1/4" x 3 1/4"

100mm  
3 15/16"

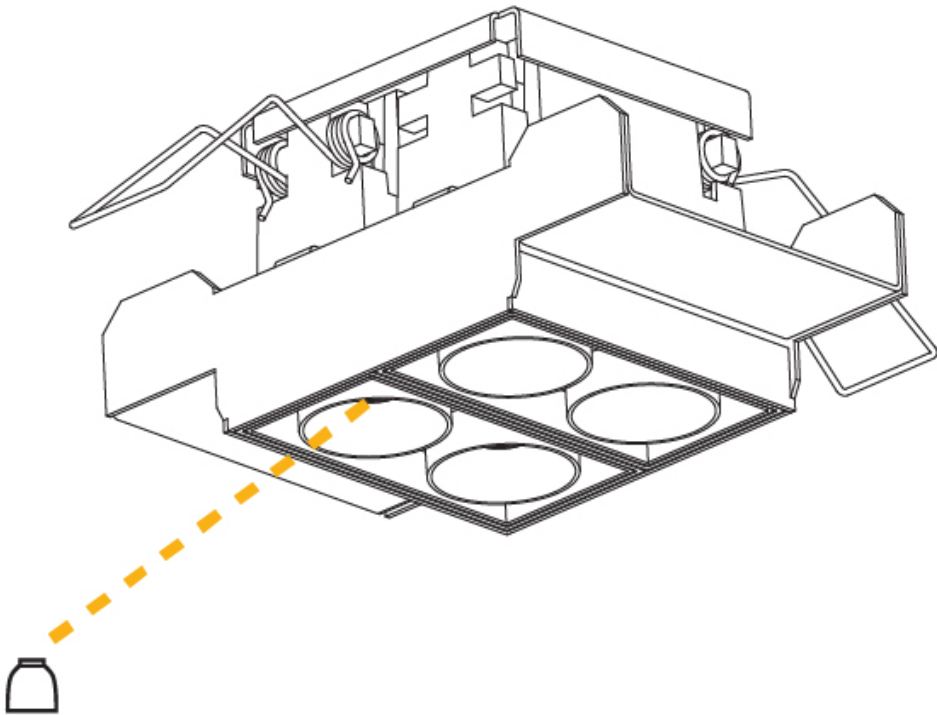
12 1/2mm  
1/2"

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MAGIQ 2X2 CELL MICRO-DOT TRIMLESS

A35781-

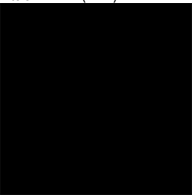
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Fixture Finish

Black - BLK (BLK)



**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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| PROJECT   |
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LEGEND

|  |  |   |  |   |  |
|--|--|---|--|---|--|
|    | floor-mounted  |    | pivotal  |    | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+                    |
|    | wall and ceiling: recessed and surface mounted             |    | rotating   |    | warm dim / natural dimming LED   |
|    | ceiling-mounted and wall-mounted                           |    | illuminate tilted  |    | rechargeable battery powered   |
|    | wall-mounted   |    | color of suspension cable                                    |    | fixture with natural vivid LED (upon request)  |
|    | omni-directional light distribution                        |    | length of suspension cable                                   |    | color rendering index  |
|    | direct light distribution                                  |    | reflector degree selection                                   |    | color temperature  |
|    | direct/indirect light distribution                         |    | super spot   |    | lumen (luminous flux)  |
|    | indirect light distribution                                |    | lens   |    | efficacy (lumens per watt)   |
|    | asymmetric light distribution                              |    | lens pack  |    | Unified Glare Rating (UGR) range from 5-40   |
|    | aura light distribution                                    |    | shine ring   |    | marine grade (AISI 316 stainless steel)  |
|    | round wall or ceiling cut-out                              |    | integrated shine ring with diffuser                          |    | walk on  |
|    | square wall or ceiling cut-out                             |    | free individual colors 01-29                                 |    | drive on   |
|    | the supplied jig specifies the cutout dimensions           |    | individual colors: 00 (free of charge), 01-25 (extra charge) |    | Dark Sky Compliance  |
|    | minimum distance (meters) lamp - object                    |    | luminaire part to be colored (F1)                            |    | 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)                            |  | acoustic material  |
|  | dimmmable 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                                      |  | indirect diffuser  |  | ETL Certified to UL and CSA Standards  |
|  | sensor   |  | direct diffuser  |  | UL Certified to UL and CSA Standards   |
|  | remote control   |  | ball-proof (upon request)                                    |  | CSA Certified to UL and CSA Standards  |
|  | available upon request                                     |  | accessory  |  | Certified for North American Standards   |

IP RATING

|   |  |
|---|--|
|  | protected against ingress of solid bodies greater than 12.5mm (finger)   |
|  | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
|  | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
|  | protected against ingress of dust<br>protected against jets of water   |
|  | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
|  | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
|  | protected against ingress of dust<br>protected against immersion of water under pressure for long periods  |

IK RATING

|   |   |
|---|---|
|  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)  |
|  | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
|  | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
|  | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
|  | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
|  | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)    |
|  | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)     |
|  | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
|  | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)    |
|  | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)    |