MAGIQ 4 CELL MICRO-DOT RECESSED

_		_	_		_
^	~	_	7	^	_
ч	•	-	•	n	~ -

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: Magiq Micro Dot	
Subseries: Magiq 4 Cell Micro-Dot	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Type. Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Length (mm): 145
Length (in): 5 11/16
Width (mm): 45
Width (in): 1 ³ / ₄
Height (mm): 64
Height (in): 2 ½
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25 / 30
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 or 1 3/16
Min. Recessing Depth (mm): 100
Min. Recessing Depth (in): 3 ¹⁵ / ₁₆
Light Distribution: Downlight
Weight (kg): 0.265
Weight (lbs): 0.58
Eivturo Einich: SSD / DKV / CWI / CDV / HAD / LAC / LIET / ITA / DLIA / DLID /

Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum Die Cast

Cut-out Measurements: 138mm / 5 7/16" x 38mm / 1 1/2"

ELECTRICAL

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 13.3 Total Output Wattage (W): 13 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

LED

Number of LEDs: 4

Constant Current (MA): 1050

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): Max 588 / 635 / 648 / 661 Nominal Lumen (lm): 880 / 954 / 970 / 990 CRI: >90 CRI

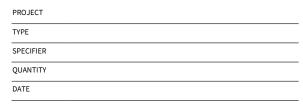
Lamp Life (hrs): 50000

OPTICAL

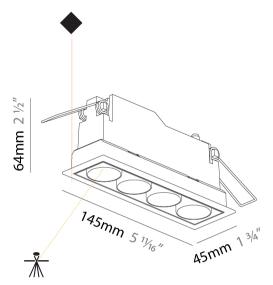
Optic°: 22 / 38

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

















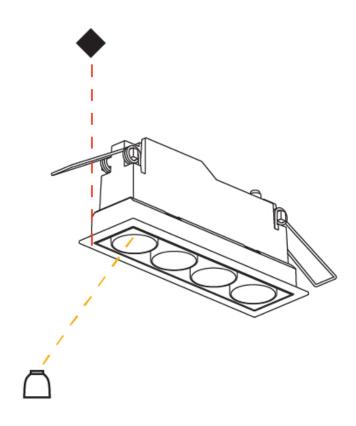




MAGIQ 4 CELL MICRO-DOT RECESSED

A35765-

ROJECT	
YPE	
PECIFIER	
UANTITY	
ATE	





MAGIQ 2 CELL MICRO-DOT TRIMLESS

A35780-

base number

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	

Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Length (mm): 70
Length (in): 2 ³ / ₄
Width (mm): 35
Width (in): 1 3/8
Height (mm): 65
Height (in): 2 %,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): 0.241
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

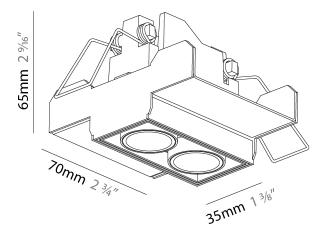
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

PROJECT TYPE SPECIFIER QUANTITY DATE















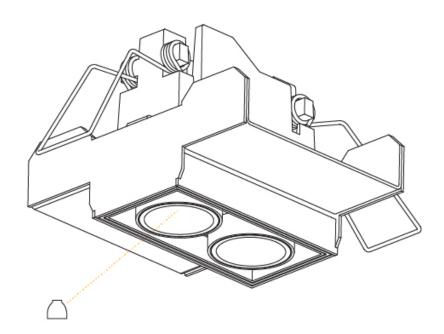




MAGIQ 2 CELL MICRO-DOT TRIMLESS

A35780-

PROJECT	
ТҮРЕ	-
SPECIFIER	-
QUANTITY	
DATE	-





MAGIQ 2X2 CELL MICRO-DOT TRIMLESS

A35781-

base number

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 2x2 Cell Micro-Dot
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight

Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Square
Length (mm): 70
Length (in): 2 ³ / ₄
Width (mm): 70
Width (in): 2 ³ / ₄
Height (mm): 65
Height (in): 2 %
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

LLECTRICAL
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

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

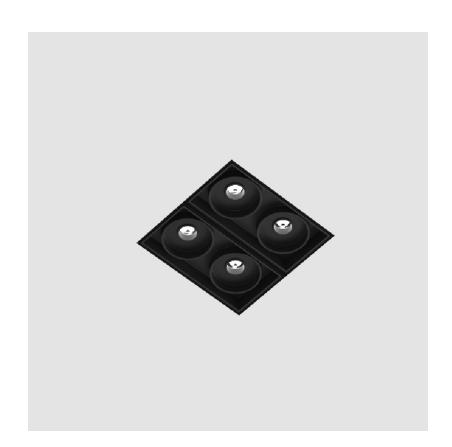
Upon Request: Special Beam Angles

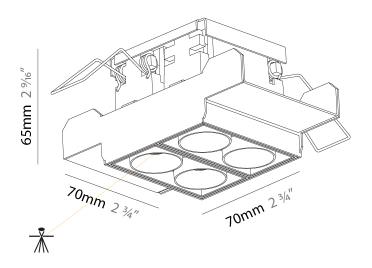
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

PROJECT TYPE SPECIFIER QUANTITY DATE

















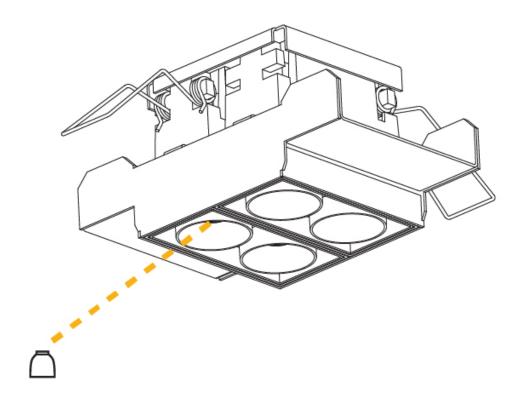
Page 5/18



MAGIQ 2X2 CELL MICRO-DOT TRIMLESS

A35781-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





MAGIQ 4 CELL MICRO-DOT TRIMLESS

A35782-

base number

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 4 Cell Micro-Dot	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

Brand. Frotecht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Length (mm): 135
Length (in): $5\frac{5}{16}$
Width (mm): 35
Width (in): 1 ³ / ₈
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): 0.403
Weight (lbs): 0.89
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 142mm / 5 9/16" x 42mm / 1 5/8"

Upon Request: Unique Ceiling Thickness

LED	
Number of LEDs: 4	
Color Temperature (°K): 2700 / 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 640 / 694 / 706 / 720	
Nominal Lumen (lm): 880 / 954 / 940 / 990	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
Upon Request: Special Color Temperature	

OPTICAL

Optic°: 22 / 38

Upon Request: Special Beam Angles

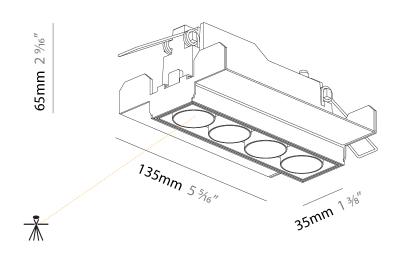
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

PROJECT TYPE SPECIFIER QUANTITY DATE







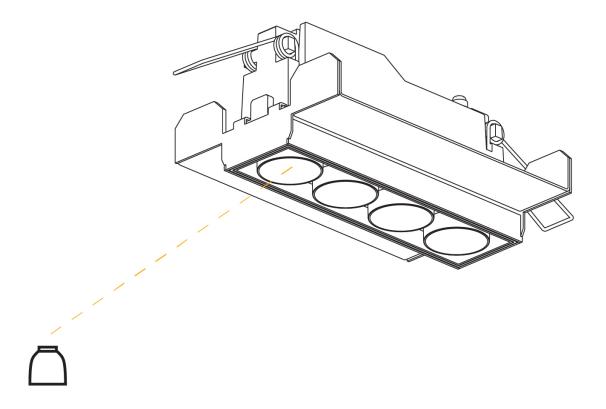
Page 7/18



MAGIQ 4 CELL MICRO-DOT TRIMLESS

A35782-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





MAGIQ 8 CELL MICRO-DOT TRIMLESS

A35783-

base number

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 8 Cell Micro-Dot	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

Brand. Froteine
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Length (mm): 267
Length (in): 10 ½
Width (mm): 35
Width (in): 1 3/8
Height (mm): 64
Height (in): 2 ½
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): 0.737
Weight (lbs): 1.61
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 272mm / 10 11/16" x 42mm / 1 5/8"

Upon Request: Unique Ceiling Thickness

ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 30.2
Total Output Wattage (W): 25.9
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): 1050

LED

Number of LEDs: 8

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1281 / 1388 / 1412 / 1441

Nominal Lumen (lm): 1761 / 1908 / 1941 / 1980 CRI: >90 CRI

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature

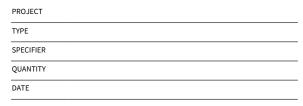
OPTICAL

Optic°: 21 / 38

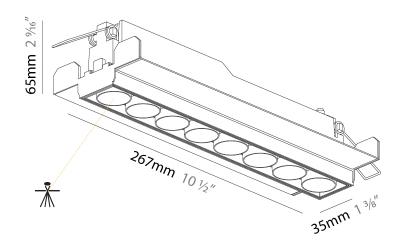
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards









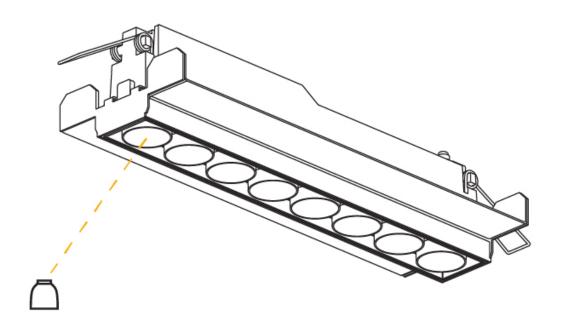




MAGIQ 8 CELL MICRO-DOT TRIMLESS

A35783-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





MAGIQ 2 CELL MICRO-DOT RECESSED

Λ	2	C	7	O	Л
н		3	•	a	4-

base number

Color Finishes Lens 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

Series: Magiq Micro Dot	
Subseries: Magiq 2 Cell Micro-Dot	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Rectangle	
Length (mm): 80	
Length (in): 3 1/8	
Width (mm): 45	
Width (in): 1 ³ / ₄	
Height (mm): 64	
Height (in): 2 ½	
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25 / 30	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 or 1 3/16	
Min. Recessing Depth (mm): 100	
Min. Recessing Depth (in): 3 15/16	
Light Distribution: Downlight	
Weight (kg): 0.145	
Weight (lbs): 0.32	
Fixture Finish, SCD / DV/ / CWI / CDV / HAD / LAC / LIFT / ITA / DL	IA / DLID /

Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum Die Cast

Cut-out Measurements: 73mm / 2 7/8" x 38mm / 1 1/2"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 7.7
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

LED

Number of LEDs: 2

Constant Current (MA): 1050

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

Max. Delivered Lumen (lm): 294 / 321 / 327 / 334

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

CRI: >90 CRI

Lamp Life (hrs): 50000

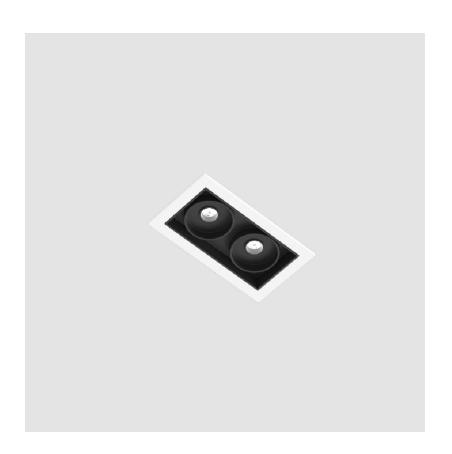
OPTICAL

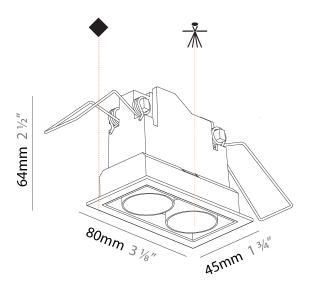
Optic°: 22 / 38

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	













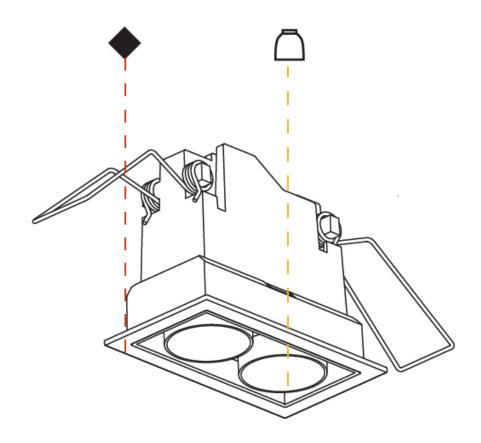




MAGIQ 2 CELL MICRO-DOT RECESSED

A35784-

PROJECT	
ТҮРЕ	_
SPECIFIER	_
QUANTITY	_
DATE	_





MAGIQ 8 CELL MICRO-DOT RECESSED

Λ	~	c	7	0	7	
н	.5	3	•	ō	•	-

base number

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: Magiq Micro Dot	
Subseries: Magiq 8 Cell Micro-Dot	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Length (mm): 277
Length (in): 10 $\frac{7}{8}$
Width (mm): 45
Width (in): $1\frac{3}{4}$
Height (mm): 64
Height (in): 2 ½
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25 / 30
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 or 1 3/16
Min. Recessing Depth (mm): 100
Min. Recessing Depth (in): 3 15/16
Light Distribution: Downlight
Weight (kg): 0.518
Weight (lbs): 1.14
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG /

Fixture Material: Aluminum Die Cast

Cut-out Measurements: 270mm / 10 5/8" x 38mm / 1 1/2"

MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

ELECTRICAL

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 30.2 Total Output Wattage (W): 26.6 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

LED

Number of LEDs: 8

Constant Current (MA): 1050

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1280 / 1382 / 1411 / 1440 Nominal Lumen (lm): 1760 / 1900 / 1940 / 1980 CRI: >90 CRI Lamp Life (hrs): 50000

OPTICAL

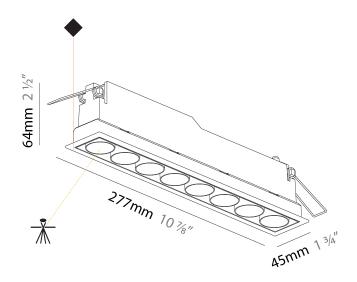
Optic°: 22 / 38

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards IP rating: IP20

PROJECT TYPE SPECIFIER QUANTITY DATE







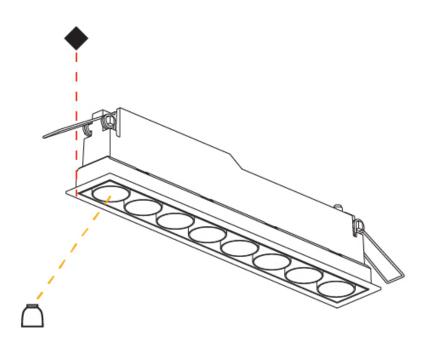




MAGIQ 8 CELL MICRO-DOT RECESSED

A35787-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







MAGIQ 4 CELL MICRO-DOT SURFACE

A3D186-	-	

base number Color

Color Finishes Lens Temperature (Diamond) Opti

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 4 Cell Micro-Dot
Brand: Prolicht
Division: Architectural
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Flush Mount

PHYSICAL

Shape: Rectangle

Length (mm): 142

Length (in): 5 %₁₆

Width (mm): 42

Width (in): 1 %₈

Height (mm): 109

Height (in): 4 5 %₁₆

Light Distribution: Direct

Weight (kg): 0.65

Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / 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): 13

Total Output Wattage (W): 11.8

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)

and 0-10V Dimming)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 1

Input Voltage (V): 120 - 277

Constant Current (MA): 1050mA

LED

Number of LEDs: 4

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

Max. Delivered Lumen (lm): 640 / 691 / 706 / 720

Nominal Lumen (lm): 880 / 950 / 970 / 990

CRI: >90 CRI

Efficiency (%): 80

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 22 / 38

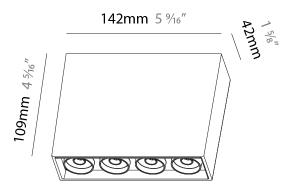
Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







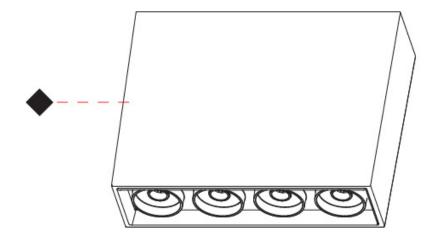




MAGIQ 4 CELL MICRO-DOT SURFACE

A3D186-

PROJECT	
ТҮРЕ	_
SPECIFIER	_
QUANTITY	_
DATE	_







MAGIQ MICRO DOT

PROJECT TYPE SPECIFIER QUANTITY DATE

Fixture Finish



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently betwee Physical: When texture is involved, there will be variations in color, character and tone within a pro



and between product families.



MAGIQ MICRO DOT

LEGEND

П		_			special LED (upon request) RGR_RGRW_tunable
	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
\uparrow	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	I	color of suspension cable	THESE	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
	direct light distribution		reflector degree selection	(K)	color temperature
	direct/indirect light distribution	s s	super spot	(LM)	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩ <u></u>	efficacy (lumens per watt)
	asymmetric light distribution	\otimes	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
X	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
7	square wall or ceiling cut-out		free individual colors 01-29	②	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
□+, +	minimum distance (meters) lamp - object	•	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth	lack	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
1	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
₹	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	\odot	indirect diffuser	. (1)	ETL Certified to UL and CSA Standards
9	sensor	O	direct diffuser	։ (Մ) ու	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	(1)	CSA Certified to UL and CSA Standards
9	available upon request	0	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
IP65	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

above the surface)

	anaphotic (in the College of the Col
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	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)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	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) $$
IKOB	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) $$
IK09	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)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm