MAGIQ 8 CELL TRIMLESS

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	
Subseries: Magiq 8 Cell	
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): 267
Length (in): $10\frac{1}{2}$
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
Weight (kg): 0.737
Weight (lbs): 1.61
Fixture Finish: BLK / WHI
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 272mm / 10 11/16" x 42mm / 1 5/8"

ELECTRICAL

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): 1560 / 1700 / 1725 / 1760

CRI: >90 CRI

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature

Upon Request: Unique Ceiling Thickness

OPTICAL

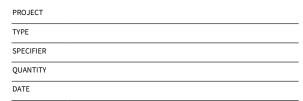
Reflector°: 8 / 14 / 34

Upon Request: Special Beam Angles

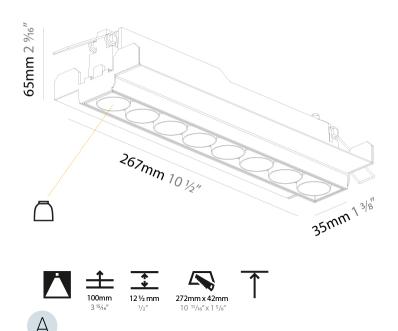
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20





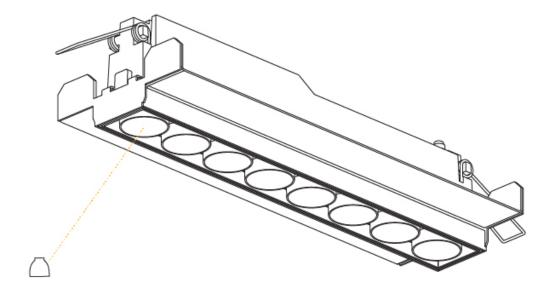




MAGIQ 8 CELL TRIMLESS

A35130-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





MAGIQ 4 CELL KORONA TRIMLESS

A35133	-	-	-	-	
base number	Color	Finishes	Finish	Reflector	
	Temperature	(Diamond)	Ontions	Ontions	

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	
Subseries: Magiq 4 Cell Korona	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

vision: Architectural
ounting Type: Trimless
ounting Location: Ceiling
bcategory: Downlight
HYSICAL
ape: Rectangle
ngth (mm): 135
ngth (in): 5 ⁵ / ₁₆
idth (mm): 35
idth (in): 1 3/8
eight (mm): 65
eight (in): 2 ⁹ / ₁₆
eiling Thickness (mm): 12.5
eiling Thickness (in): 1/2
n. Recessing Depth (mm): 100
n. Recessing Depth (in): 3 15/16
ght Distribution: Downlight
eight (kg): 0.401
eight (lbs): 0.88
xture 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

Holder Finish: WHI / BLK

Fixture Material: Aluminum Die Cast

Cut-out Measurements: 142mm / 5 9/16" 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): 13.3 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

Number of LEDs: 4

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 750 / 850 / 862 / 880

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature

Reflector°: 8 / 14 / 34

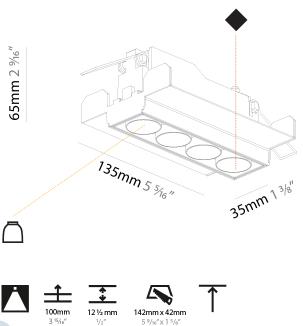
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Entified By: CSA Sertified to W. and CSA Standards www.zaneen.com

PROJECT TYPE SPECIFIER QUANTITY DATE







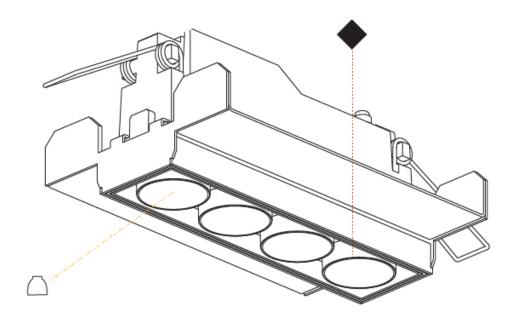




MAGIQ 4 CELL KORONA TRIMLESS

A35133-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





MAGIQ 8 CELL KORONA TRIMLESS

A35136					
Color	Finishes	Reflector			
	Color				

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
Subseries: Magiq 8 Cell Korona
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight

Dianari Tolicit	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Rectangle	
Length (mm): 267	
Length (in): $10\frac{1}{2}$	
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): 0.737	
Weight (lbs): 1.61	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / I	, ,
MIC / ETC / MYC / TWT / LOD / DUC / EDO / EUD / WA / DOD / DU	

MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Holder Finish: WHI / BLK

Fixture Material: Aluminum Die Cast

Cut-out Measurements: 273mm / 10 3/4" x 42mm / 15/8"

Upon Request: Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 27 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): MAX. 1561 / 1685 / 1721 / 1756 Nominal Lumen (lm): MAX. 1760 / 1900 / 1940 / 1980

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature

Reflector°: 8 / 14 / 34

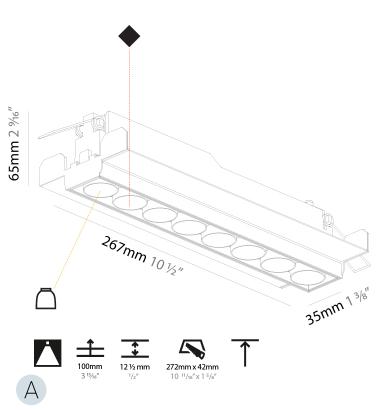
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Sertified By: CSA Sertified to JUL and CSA Standards www.zaneen.com

PROJECT TYPE SPECIFIER QUANTITY DATE





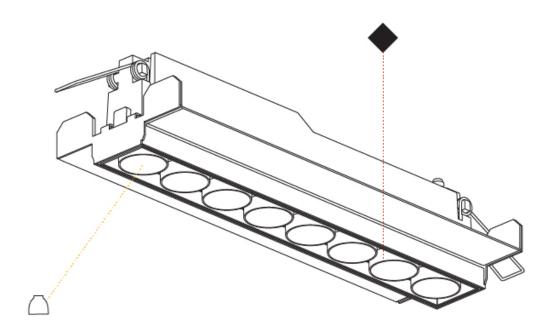
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MAGIQ 8 CELL KORONA TRIMLESS

A35136-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





MAGIQ 4 CELL TRIMLESS

A35498	. .	-	-
base number	Color	Finish	Reflector
	Temperature	Options	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	
Subseries: Magiq 4 Cell	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

brand: Proficit
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
Length (mm): 135
Length (in): 5 ⁵ / ₁₆
Width (mm): 35
Width (in): $1\frac{3}{8}$
Height (mm): 65
Height (in): 2 1/16
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 Finish: BLK / WHI
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 142mm / 5 9/16" 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): 13.3
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
IFD

LED

Num	her	of I	FD	s· 4

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

Max. Delivered Lumen (lm): 750 / 850 / 862 / 880

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

Upon Request: Special Color Temperature

OPTICAL

Reflector°: 8 / 18 / 34

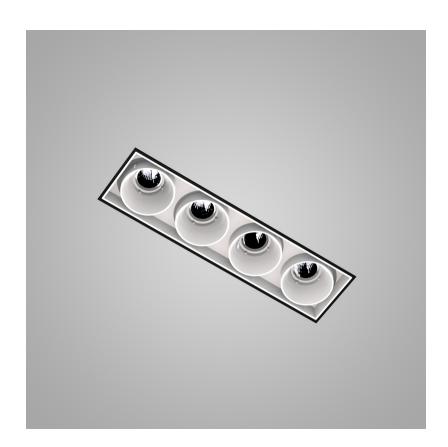
Upon Request: Special Beam Angles

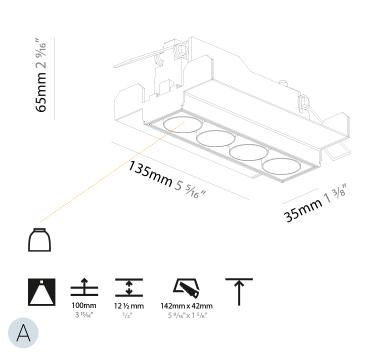
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

PROJECT TYPE SPECIFIER QUANTITY DATE



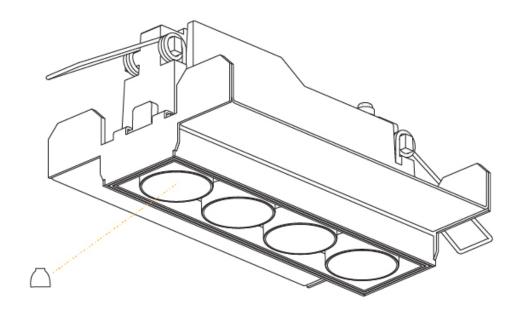




MAGIQ 4 CELL TRIMLESS

A35498-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





MAGIQ 2 CELL KORONA TRIMLESS

A35569		-	-	-
base number	Color	Finishes	Finish	Reflector
	Temperature	(Diamond)	Ontions	Ontions

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	
Subseries: Magiq 2 Cell Korona	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

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 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: Direct
Weight (kg): 0.246
Weight (lbs): 0.54
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR /

 $\verb|MIC/FTG/MYG/TWT/LOD/PUS/FRO/FUP/KIA/POP/BLS/SPG/|$ MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Holder Finish: WHI / 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): 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 Constant Current (MA): 1050

LED

Number of LEDs: 2

Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 319 / 348 / 356 / 363 Nominal Lumen (lm): 440 / 480 / 490 / 500 CRI: >90 CRI Lamp Life (hrs): 50000

Reflector°: 8 / 18 / 34

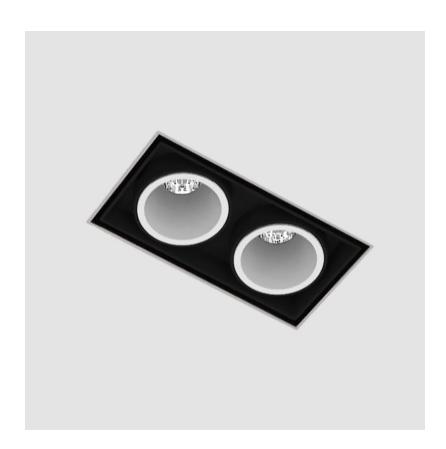
Upon Request: Special Beam Angles

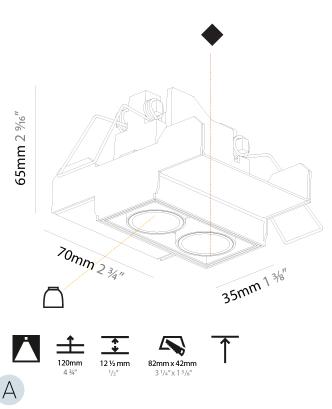
Upon Request: Special Color Temperature

RATINGS AND CERTIFICATIONS

Sectified By: CSA Sectified to the and CSA Standard Sww. zaneen.com

PROJECT TYPE SPECIFIER QUANTITY DATE





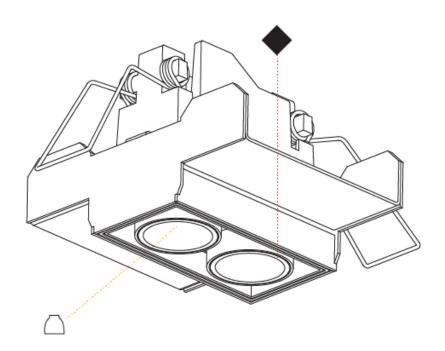
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MAGIQ 2 CELL KORONA TRIMLESS

A35569-

PROJECT	
ТҮРЕ	_
SPECIFIER	_
QUANTITY	_
DATE	_





MAGIQ 2X2 CELL KORONA TRIMLESS

A35572	•	-	-	-
base number	Color	Finish	Finishes	Reflector
	Temperature	Ontions	(Diamond)	Ontions

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	
Subseries: Magiq 2x2 Cell Korona	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Rectangle
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): 0.437
Weight (lbs): 0.96
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: 82mm/ 3 1/4" x 42mm / 1 5/8"

Upon Request: Unique Ceiling Thickness

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 18

Total Output Wattage (W): 16.4

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 / 3500 / 4000

Max. Delivered Lumen (lm): Max. 887

CRI: >90 CRI

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature

Reflector°: 8 / 18 / 34

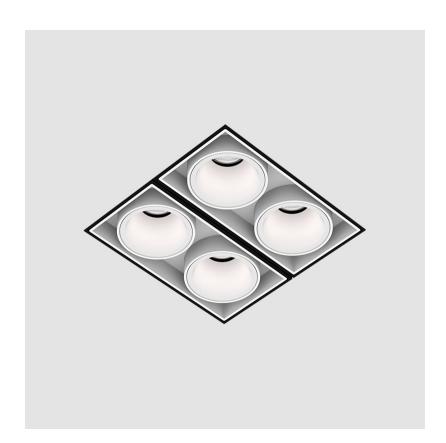
Upon Request: Special Beam Angles

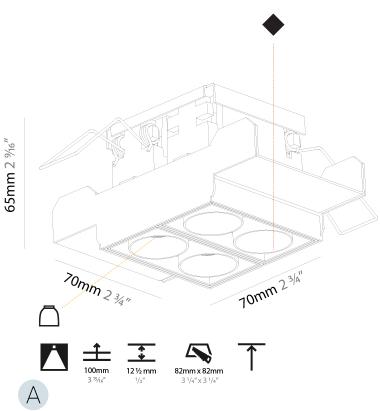
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

19 rating: 1920. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

PROJECT TYPE SPECIFIER QUANTITY DATE





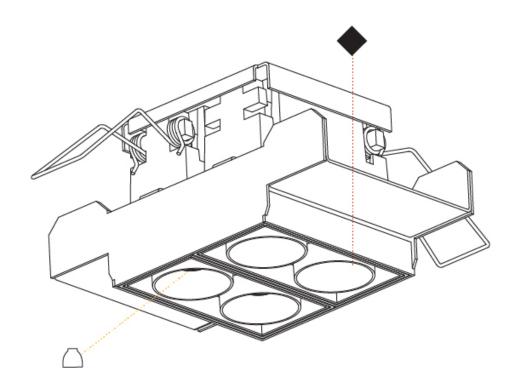
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MAGIQ 2X2 CELL KORONA TRIMLESS

A35572-

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ТҮРЕ	_
SPECIFIER	_
QUANTITY	_
DATE	_





ZANEEN_®

MAGIQ 2 CELL TRIMLESS

Δ	3	5	6	1	6	_
_			T)	_	T)	_

base number

1.To build a product of	ode in our	configurator	select the	specify	button o
the base model # prod	duct 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	
Subseries: Magiq 2 Cell	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Downlight	

ELECTRICAL

Upon Request: Unique Ceiling Thickness

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 9
Total Output Wattage (W): 8.2
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): 314 / 342 / 350 / 357 Nominal Lumen (lm): 440 / 480 / 490 / 500 CRI: >90 CRI Lamp Life (hrs): 50000 Upon Request: Special Color Temperature

OPTICAL

Reflector°: 8 / 18 / 34 Upon Request: Special Beam Angles

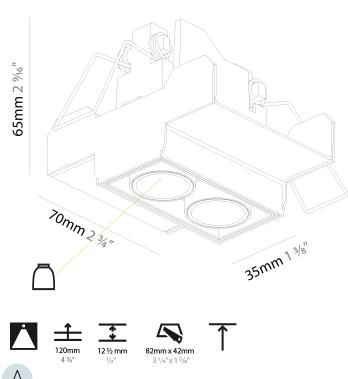
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

PROJECT TYPE SPECIFIER QUANTITY DATE





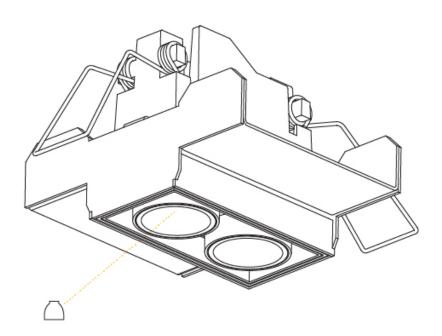
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MAGIQ 2 CELL TRIMLESS

A35616-

PROJECT	
ГҮРЕ	_
SPECIFIER	_
QUANTITY	_
DATE	_





MAGIQ 2X2 CELL TRIMLESS

A35618-

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	
Subseries: Magiq 2x2 Cell	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subsatagony Downlight	

Brand: Prolicit
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 1/16
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 Finish: BLK / WHI
Fixture Material: Aluminum Die Cast
Cut-out Measurements: 82mm/ 3 1/4" x 42mm / 1 5/8"

ELECTRICAL

Upon Request: Unique Ceiling Thickness

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

Number of LEDs: 4

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

Max. Delivered Lumen (lm): 780 / 830 / 833 / 850

CRI: >90 CRI

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature

OPTICAL

Reflector°: 10 / 20 / 40

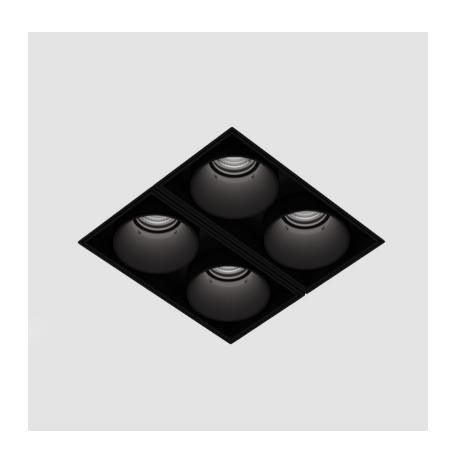
Upon Request: Special Beam Angles

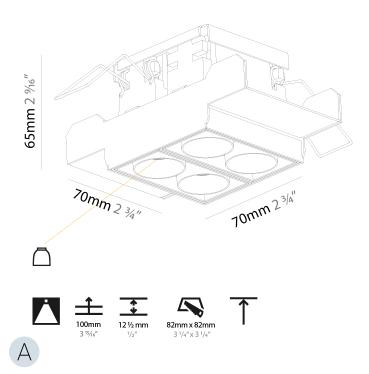
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

PROJECT TYPE SPECIFIER QUANTITY DATE





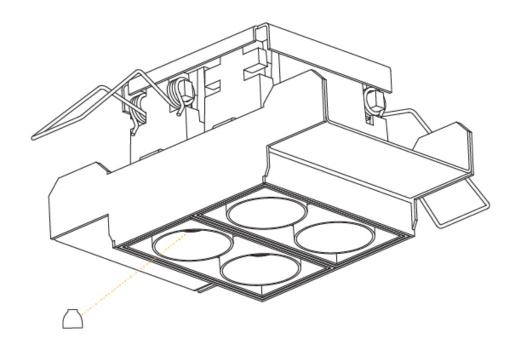
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MAGIQ 2X2 CELL TRIMLESS

A35618-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







MAGIQ

COLOR FINISH CHART

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

Fixture Finish



Holder Finish





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.





MAGIQ

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

LEGEND

<u></u>	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
$\overline{\uparrow}$	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
À	direct light distribution		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	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ā	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	30	walk on
Z)	square wall or ceiling cut-out		free individual colors 01-29	9	drive on
€ €	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
d •+	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		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
-C	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
\mathcal{S}	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
• <i>yy</i>	sensor	0	direct diffuser	c (Մ) us	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	(B)	CSA Certified to UL and CSA Standards
J	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)

above the surface)

IK03	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)
IK10	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

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm