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
ubcategory: Downlight
HYSICAL
nape: Rectangle
ength (mm): 135
ength (in): 5 1/16
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
in. Recessing Depth (mm): 100
in. Recessing Depth (in): 3 ¹⁵ / ₁₆
ght Distribution: Downlight
eight (kg): 0.401
eight (lbs): 0.88
xture 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

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

CRI: >90 CRI

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature

Reflector°: 8 / 14 / 34

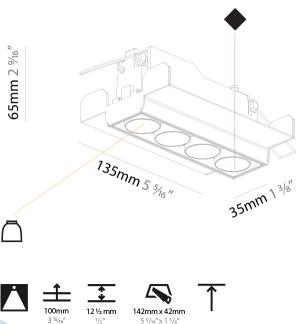
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

Entified By: CSA Sextified to the and CSA Standard Sww.zaneen.com

PROJECT TYPE SPECIFIER QUANTITY DATE





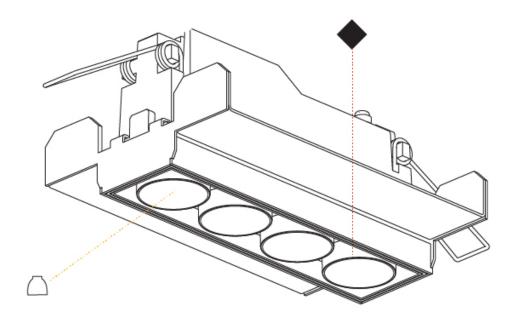




MAGIQ 4 CELL KORONA TRIMLESS

A35133-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





MAGIQ 4 CELL RECESSED

A35142	-	-	-	-
base number	Color	Finishes	Reflector	Finish
	Temperature	(Diamond)	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: 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 ¾	
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	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG	/

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

Holder Finish: WHI / BLK

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): 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: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 1050
Upon Request: Lutron

LED

Number of LEDs: 4

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

Max. Delivered Lumen (lm): Max 781 / 843 / 860 / 878

Nominal Lumen (lm): 880 / 954 / 970 / 990

--- --- --- ---

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 8 / 14 / 34

RATINGS AND CERTIFICATIONS

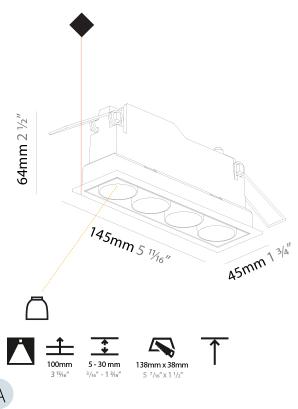
Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

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PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



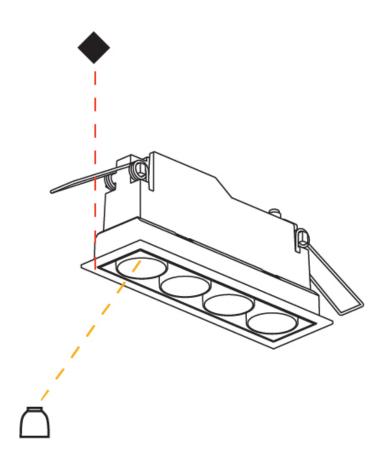




MAGIQ 4 CELL RECESSED

A35142-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	_
DATE	





MAGIQ 4 CELL KORONA RECESSED

A35148		-	-	-	-	
base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Reflector Options	Finish 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 Korona	
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): 5 - 30	
Min. Recessing Depth (mm): 10	00
Min. Recessing Depth (in): 3 15/1	6
Light Distribution: Downlight	
Fixture Finish: SSR / BKV / CWI	/ CRY / HAB / UFT / ITA / RUA / FTG / MYG /

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

Holder Finish: WHI / BLK
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): 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: 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 880

Nominal Lumen (lm): 880/950/970/990 CRI: >90 CRI

Lamp Life (hrs): 50000

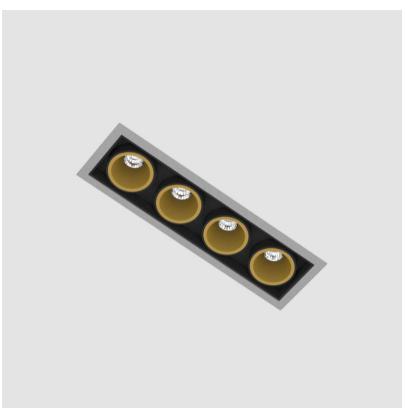
OPTICAL

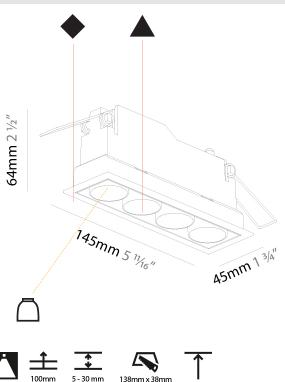
Reflector°: 8 / 14 / 34

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20





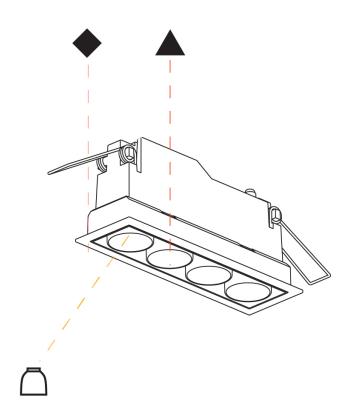




MAGIQ 4 CELL KORONA RECESSED

A35148-

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: Prolicnt
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 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

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
LED

LED

Number of LEDs: 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

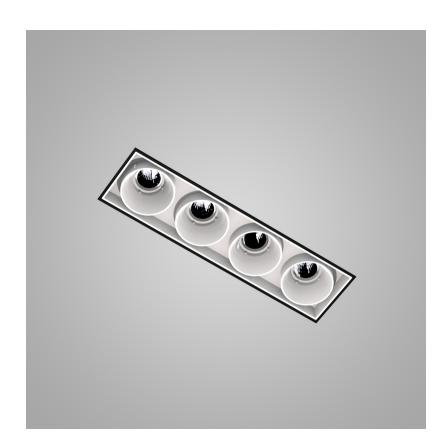
Reflector°: 8 / 18 / 34

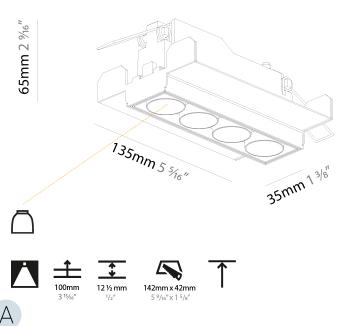
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

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

PROJECT TYPE SPECIFIER QUANTITY DATE







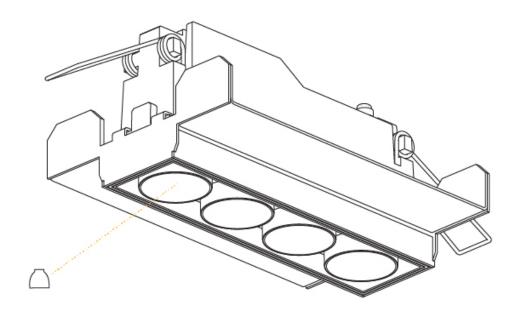
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MAGIQ 4 CELL TRIMLESS

A35498-

PROJECT	
TYPE	
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	

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

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

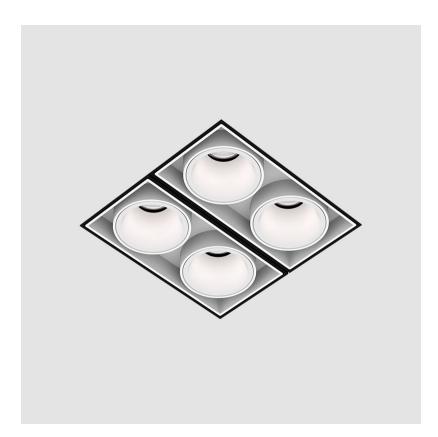
Upon Request: Special Beam Angles

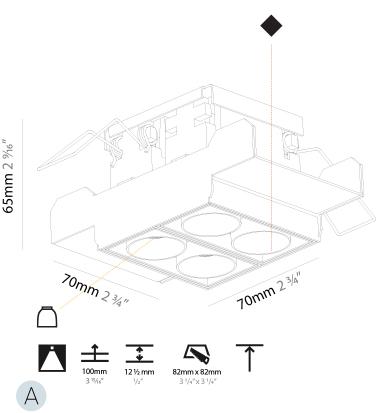
RATINGS AND CERTIFICATIONS

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	





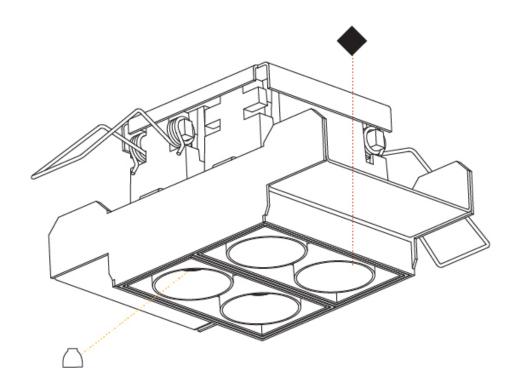
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MAGIQ 2X2 CELL KORONA TRIMLESS

A35572-

PROJECT	
ТУРЕ	
SPECIFIER	
QUANTITY	
DATE	





MAGIQ 2X2 CELL TRIMLESS

A3	5618	;-	-
		0 1	

base number 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 2x2 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: Square
Length (mm): 70
Length (in): 2 ³ / ₄
Width (mm): 70
Width (in): 2 ³ / ₄
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 Finish: BLK / WHI
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 / 3500 / 4000
Max. Delivered Lumen (lm): 780 / 830 / 833 / 850
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature
OPTICAL

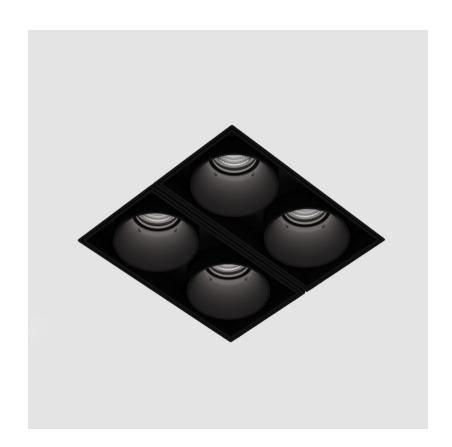
Reflector°: 10 / 20 / 40

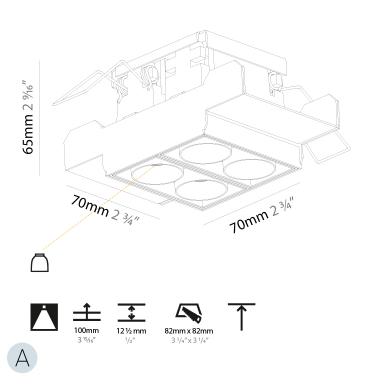
Upon Request: Special Beam Angles

RATINGS AND CERTIFICATIONS

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

PROJECT TYPE SPECIFIER QUANTITY DATE



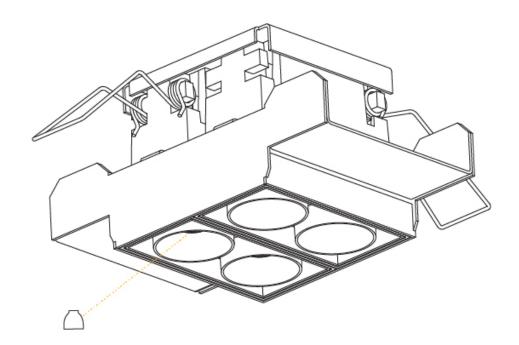




MAGIQ 2X2 CELL TRIMLESS

A35618-

PROJECT	
ТУРЕ	
SPECIFIER	
QUANTITY	
DATE	





MAGIQ 2X2 CELL RECESSED

A35633	•	-	-	-
base number	Color	Finishes	Reflector	Finish
	Temperature	(Diamond)	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 2x2 Cell	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	

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: 73mm / 2 7/8" x 83mm / 3 1/4" Lamp Type: LED (Zhaga Standard) Input Wattage (W): 14.3 Total Output Wattage (W): 13 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: No Driver Location: 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): 781 / 852 / 869 / 887

Nominal Lumen (lm): 880 / 930 / 941 / 960

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 8 / 18 / 34

RATINGS AND CERTIFICATIONS

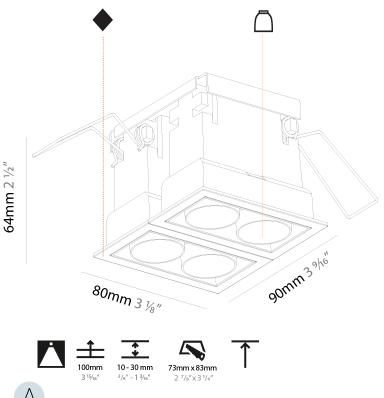
Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

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PROJECT			
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SPECIFIER			
QUANTITY			
DATE			





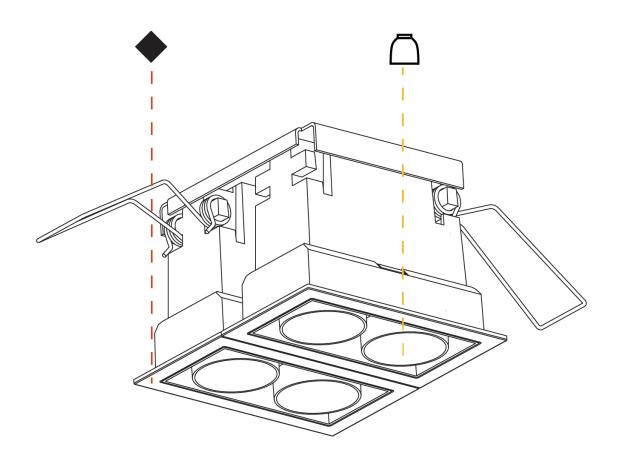
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MAGIQ 2X2 CELL RECESSED

A35633-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





MAGIQ 2X2 CELL KORONA RECESSED

A35637						
base number	Color	Finishes (Diamond)	Finishes (Triangle)	Reflector	Finish	

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: Recessed	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Location: Ceiling	
Subcategory: Downlight	
PHYSICAL	
Shape: Square	
Length (mm): 80	
Length (in): 3 1/8	
Width (mm): 90	
Width (in): 3 \(^1/_{16}\)	
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	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RU	JA / FTG / MYG /

LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /

Holder Finish: WHI / BLK

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): 17.8 Total Output Wattage (W): 13 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

Number of LEDs: 4

Constant Current (MA): 1050

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

Max. Delivered Lumen (lm): Max 880 Nominal Lumen (lm): 880 / 960 / 980 / 1000

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 8 / 18 / 34

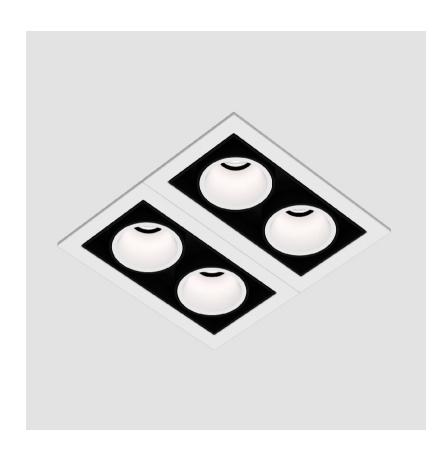
RATINGS AND CERTIFICATIONS

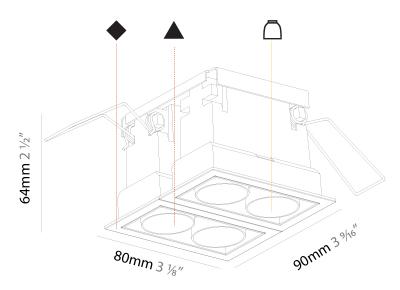
Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20

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PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	















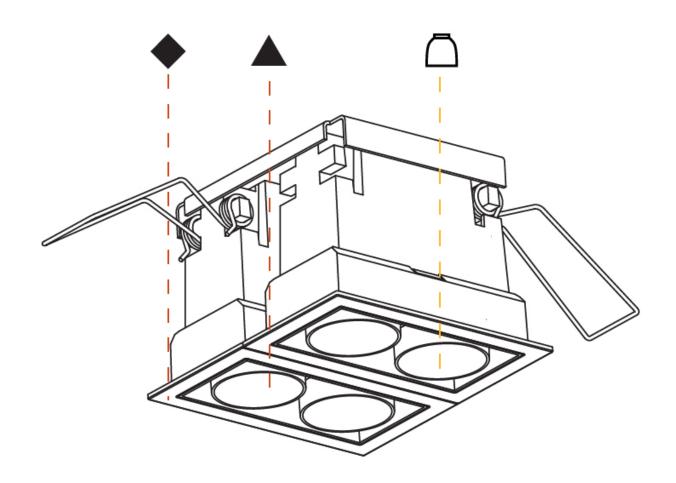




MAGIQ 2X2 CELL KORONA RECESSED

A35637-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	







MAGIQ

COLOR FINISH CHART

PROJECT TYPE SPECIFIER QUANTITY DATE

Fixture Finish



Holder Finish







MAGIQ

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

LEGEND

					special LED (upon request) PGB_PGBW_tunable
<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		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
$\dot{\Delta}$	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
	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
Z)	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		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	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. CO	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	\odot	indirect diffuser	. .	ETL Certified to UL and CSA Standards
9	sensor	0	direct diffuser	շ (Մ <u>)</u> սո	UL Certified to UL and CSA Standards
	remote control	(1)	ball-proof (upon request)	® :	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	②	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)

IK02	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) $$
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IKO6	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) $$
IK08	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

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