

METROPOLIS MONOPOINT SUSPENSION

D201027		-	-	-	-
base number	Color	Finish (Diamond)	Finish	Lens	Cable

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: Metropolis	
Subseries: Metropolis Monopoint	
Brand: Zaneen	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 26
Diameter (in): 1
Height (mm): 800
Height (in): 31 ½
Light Distribution: Downlight
Fixture Finish: BLK / BRZ / IND
Holder Finish: BLK / BRZ / IND
Fixture Material: Aluminum
Cable Details: Black or Transparent - 3500mm / 137 13 /16"

Upon Request: Cylinder height. Max. 1830 mm / 72". Min 153mm / 6".

Min. qty required 50 pcs.

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 3.65
Total Output Wattage (W): 2.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700
Upon Request: (Not included - see components) Remote: Phase dimming @120Vac only / 0-10Vdc dimming (dimming requires min. 3 fixtures)

LED

LED
Number of LEDs: 1
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 114 / 122
Nominal Lumen (lm): 124 / 133
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: 3500K
OPTICAL

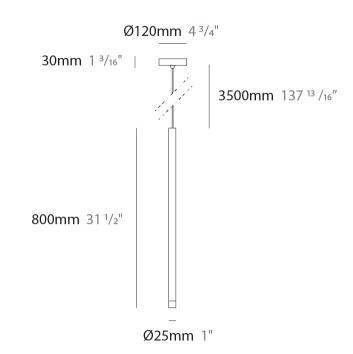
Optic°: 12 / 28 / 44

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP41 (Damp) Upon Request: Damp Rated for Exterior

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	





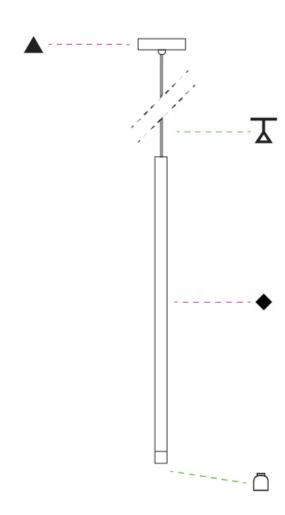




METROPOLIS MONOPOINT SUSPENSION

D201027-

PROJECT	
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QUANTITY	
DATE	







D202000-		-	-	-
base number	Color	Finish	Finish (Triangle)	Lens

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: Metropolis	
Subseries: Metropolis Monopoint	
Brand: Zaneen	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 120
Diameter (in): 4 ³ / ₄
Height (mm): 500
Height (in): 19 11/16
Light Distribution: Downlight
Fixture Finish: BLK / BRZ / IND
Holder Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum
Upon Request: Cylinder height. Max. 1830 mm / 72". Min 153mm / 6".

Min. qty required 50 pcs.

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 3.65
Total Output Wattage (W): 2.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700
Upon Request: (Not included - see components) Remote: Phase dimming @120Vac only / 0-10Vdc dimming (dimming requires min. 3 fixtures)
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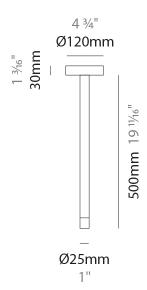
Optic°: 12 / 28 / 44

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP41 (Damp) Upon Request: Damp Rated for Exterior

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DATE		



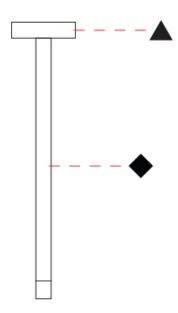






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D202001-	-		-	-
base number	Color	Finish (Diamond)	Finish (Triangle)	Lens

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: Metropolis	
Subseries: Metropolis Monopoint	
Brand: Zaneen	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 120
Diameter (in): 4 ³ / ₄
Height (mm): 800
Height (in): 31 ½
Light Distribution: Downlight
Fixture Finish: BLK / BRZ / IND
Holder Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum
Upon Request: Cylinder height. Max. 1830 mm / 72". Min 153mm / 6". Min. qty required 50 pcs.

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 3.65
Total Output Wattage (W): 2.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700
Upon Request: (Not included - see components) Remote: Phase dimming @120Vac only / 0-10Vdc dimming (dimming requires min. 3 fixtures)

LED

Number of LEDs: 1
Color Temperature (°K): 3000 / 4000
Nominal Lumen (lm): 124 / 133
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: 3500K
OPTICAL

Optic°: 12 / 28 / 44

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP41 (Damp)

Upon Request: Damp Rated for Exterior

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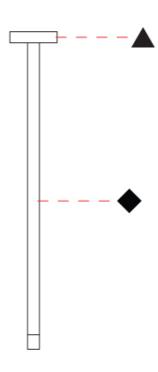






D202001-

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D202002-	-		-	•
base number	Color	Finish	Finish	Lens
	Temperature	(Diamond)	(Triangle)	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: Metropolis	
Subseries: Metropolis Monopoint Halo	
Brand: Zaneen	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Type. Surface
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 120
Diameter (in): 4 ³ / ₄
Height (mm): 520
Height (in): 20 ½
Light Distribution: Downlight
Fixture Finish: BLK / BRZ / IND
Holder Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum
Upon Request: Cylinder height. Max. 1830 mm / 72". Min 153mm / 6". Min. atv required 50 pcs.

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 3.65
Total Output Wattage (W): 2.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700
Upon Request: (Not included - see components) Remote: Phase dimming @120Vac only / 0-10Vdc dimming (dimming requires min. 3 fixtures)
IFN

LED

Number of LEDs: 1	
Color Temperature (°K): 3000 / 4000	
Nominal Lumen (lm): 124 / 133	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
Upon Request: 3500K	
OPTICAL	

Optic°: 12 / 28 / 44

Series: Metropolis
Subseries: Metropolis Monopoint Halo
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Culturate many David aut

Shape. Cyllinder	
Diameter (mm): 120	
Diameter (in): 4 ³ / ₄	
Height (mm): 520	

Min. qty required 50 pcs.

Lamp Type: LED
Input Wattage (W): 3.65
Total Output Wattage (W): 2.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Lecation: Integrated

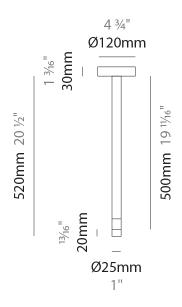
Number of LEDs: 1	
Color Temperature (°K): 3000 / 4000	
Nominal Lumen (lm): 124 / 133	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
Upon Request: 3500K	
OPTICAL	

RATINGS AND CERTIFICATIONS

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Certified By: Certified for North American Standards
IP rating: IP41 (Damp)
Upon Request: Damp Rated for Exterior

PROJECT	
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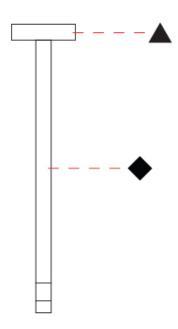






D202002-

PROJECT	
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QUANTITY	_
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D202003-	-	-		•
base number	Color	Finish	Finish	Lens
	Temperature	(Diamond)	(Triangle)	Options

 ${\it 1. To \ build \ a \ product \ code \ in \ our \ configurator \ select \ the \ specify \ button \ on}}$ 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: Metropolis	
Subseries: Metropolis Monopoint Halo	
Brand: Zaneen	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 120
Diameter (in): 4 ³ / ₄
Height (mm): 820
Height (in): 32 ⁵ / ₁₆
Light Distribution: Downlight
Fixture Finish: BLK / BRZ / IND
Holder Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum
Upon Request: Cylinder height. Max. 1830 mm / 72". Min 153mm / 6". Min. qty required 50 pcs.

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 3.65
Total Output Wattage (W): 2.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700
Upon Request: (Not included - see components) Remote: Phase dimming @120Vac only / 0-10Vdc dimming (dimming requires min. 3 fixtures)
IFD

LED

Number of LEDs: 1	
Color Temperature (°K): 3000 / 4000	
Nominal Lumen (lm): 124 / 133	

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

Upon Request: 3500K

OPTICAL

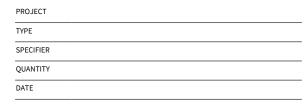
Optic°: 12 / 28 / 44

RATINGS AND CERTIFICATIONS

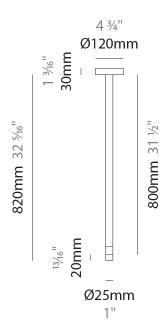
Certified By: Certified for North American Standards

IP rating: IP41 (Damp)

Upon Request: Damp Rated for Exterior





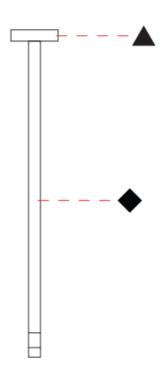






D202003-

PROJECT		
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DATE		







D202004	• .	-	-	-	
base number	Color	Finish (Diamond)	Finish	Lens	

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: Metropolis	
Subseries: Metropolis Monopoint	
Brand: Zaneen	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 80
Diameter (in): 3 ½
Height (mm): 500
Height (in): 19 ¹¹ / ₁₆
Light Distribution: Downlight
Fixture Finish: BLK / BRZ / IND
Holder Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum
Upon Request: Cylinder height. Max. 1830 mm / 72". Min 153mm / 6". Min. qty required 50 pcs.

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 3.65
Total Output Wattage (W): 2.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700
Upon Request: (Not included - see components) Remote: Phase dimming @120Vac only / 0-10Vdc dimming (dimming requires min. 3 fixtures)

LED

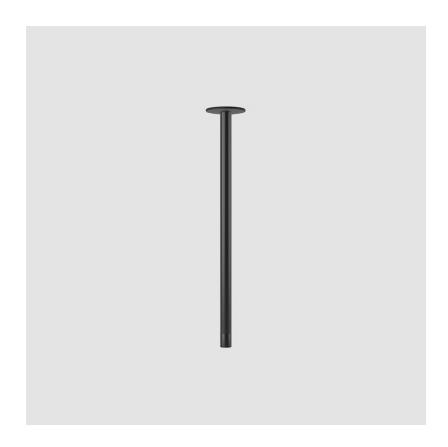
Number of LEDs: 1
Color Temperature (°K): 3000 / 4000
Nominal Lumen (lm): 124 / 133
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: 3500K
OPTICAL

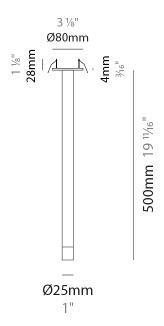
Optic°: 12 / 28 / 44

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP41 (Damp) Upon Request: Damp Rated for Exterior

PROJECT	
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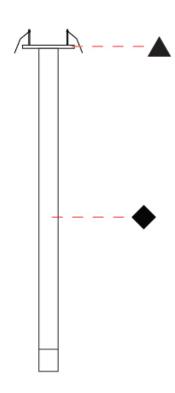






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PROJECT	
TYPE	_
SPECIFIER	
QUANTITY	
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D202005-		-	-	-
base number	Color	Finish (Diamond)	Finish	Lens

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: Metropolis	
Subseries: Metropolis Monopoint	
Brand: Zaneen	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 80
Diameter (in): 3 ½
Height (mm): 800
Height (in): 31 ½
Light Distribution: Downlight
Fixture Finish: BLK / BRZ / IND
Holder Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum
Upon Request: Cylinder height. Max. 1830 mm / 72". Min 153mm / 6".

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 3.65
Total Output Wattage (W): 2.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700
Upon Request: (Not included - see components) Remote: Phase dimming @120Vac only / 0-10Vdc dimming (dimming requires min. 3 fixtures)

LED

Number of LEDs: 1
Color Temperature (°K): 3000 / 4000
Nominal Lumen (lm): 124 / 133
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: 3500K
OPTICAL

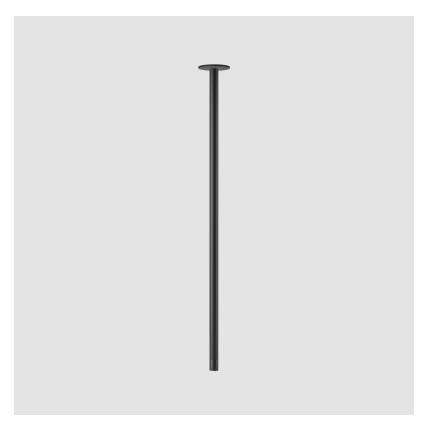
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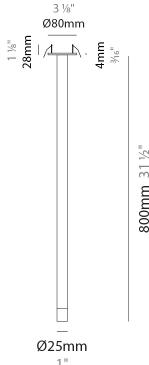
Min. qty required 50 pcs.

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP41 (Damp)
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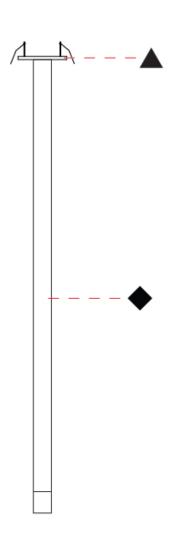






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D202006-		-	-	-	
base number	Color	Finish	Finish (Triangle)	Lens	-

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: Metropolis	
Subseries: Metropolis Monopoint Halo	
Brand: Zaneen	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 80
Diameter (in): 3 ½
Height (mm): 520
Height (in): $20\frac{1}{2}$
Light Distribution: Downlight
Fixture Finish: BLK / BRZ / IND
Holder Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum
Upon Request: Cylinder height. Max. 1830 mm / 72". Min 153mm / 6". Min. qty required 50 pcs.

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 3.65
Total Output Wattage (W): 2.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700
Upon Request: (Not included - see components) Remote: Phase dimming @120Vac only / 0-10Vdc dimming (dimming requires min. 3 fixtures)
LED

LED

Number of LEDs: 1	
Color Temperature (°K): 3000 / 4000	
Nominal Lumen (lm): 124 / 133	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
Upon Request: 3500K	
ORTICAL	

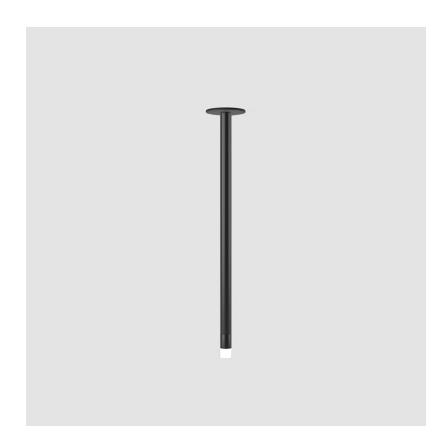
Optic°: 12 / 28 / 44

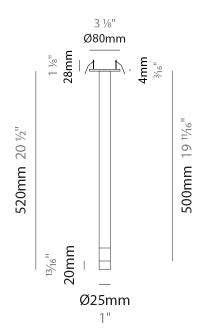
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP41 (Damp)

Upon Request: Damp Rated for Exterior





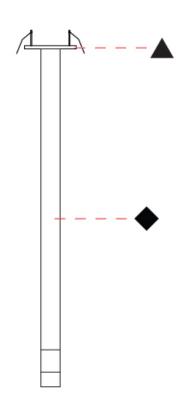






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D202006-: D202006-30K-BLK-BLK-12

base number

- 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: Metropolis
Subseries: Metropolis Monopoint Halo
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Pendant

mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 80
Diameter (in): 3 ½
Height (mm): 520
Height (in): 20 ½
Light Distribution: Downlight
Fixture Material: Aluminum
Upon Request: Cylinder height. Max. 1830 mm / 72". Min 153mm / 6". Min. qty required 50 pcs.

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 3.65
Total Output Wattage (W): 2.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700
Upon Request: (Not included - see components) Remote: Phase dimming @120Vac only / 0-10Vdc dimming (dimming requires min. 3

LED

fixtures)

Number of LEDs: 1
Color Temperature (°K): 3000
Nominal Lumen (lm): 124
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: 3500K

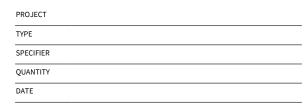
OPTICAL

Optic°: 12

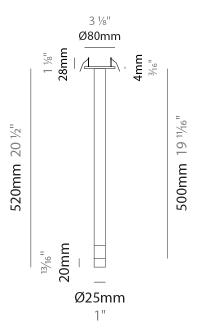
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP41 (Damp)





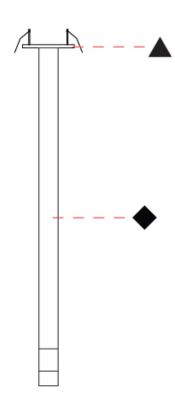






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D202007-		-	-	-	
base number	Color	Finish	Finish (Triangle)	Lens	

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: Metropolis	
Subseries: Metropolis Monopoint Halo	
Brand: Zaneen	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 80
Diameter (in): 3 ½
Height (mm): 820
Height (in): 32 ⁵ / ₁₆
Light Distribution: Downlight
Fixture Finish: BLK / BRZ / IND
Holder Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum
Upon Request: Cylinder height. Max. 1830 mm / 72". Min 153mm / 6". Min. qty required 50 pcs.

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 3.65
Total Output Wattage (W): 2.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700
Upon Request: (Not included - see components) Remote: Phase dimming @120Vac only / 0-10Vdc dimming (dimming requires min. 3 fixtures)

LED	
Number of LEDs: 1	
Color Temperature (°K): 3000 / 4000	
Nominal Lumen (lm): 124 / 133	
CRI: >90 CRI	
Lamp Life (hrs): 50000	
Upon Request: 3500K	

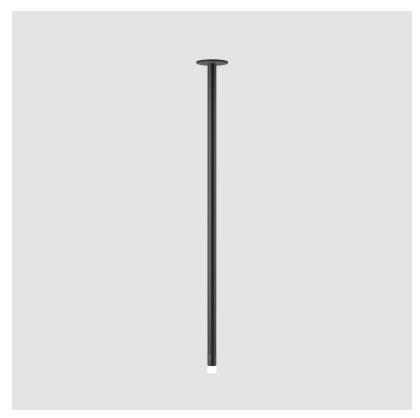
OPTICAL

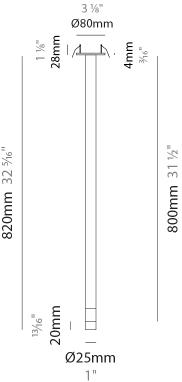
Optic°: 12 / 28 / 44

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP41 (Damp) Upon Request: Damp Rated for Exterior

PROJECT	
TYPE	
SPECIFIER	
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DATE	



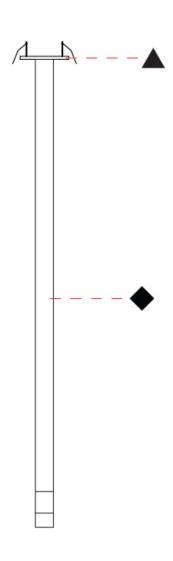






D202007-

PROJECT	
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SPECIFIER	
QUANTITY	
DATE	







METROPOLIS

COLOR FINISH CHART

Fixture Fir	nish
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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.





METROPOLIS

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

LEGEND

<u></u> 1	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	J	rotating	0	warm dim / natural dimming LED
1	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
→ \	wall-mounted	I	color of suspension cable	71400	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
X	direct/indirect light distribution	s s	super spot	(X)	lumen (luminous flux)
M	indirect light distribution	*	lens	(₹	efficacy (lumens per watt)
T a	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)
3	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
□	square wall or ceiling cut-out	Ċ	free individual colors 01-29	②	drive on
c√c t	the supplied jig specifies the cutout dimensions	C	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	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)
<u>+</u>	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
1	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
<u> </u>	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
i i	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
ک ہ	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
• <i>y</i>) s	sensor	0	direct diffuser	։ (Մ) us	UL Certified to UL and CSA Standards
(i)	remote control	0	ball-proof (upon request)	(B)	CSA Certified to UL and CSA Standards
7	available upon request	0	accessory	\mathbf{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)

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)
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