

D20METRO-SUS-SYS COMPONENTS SUSPENSION

PROJECT	
TYPE	
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QUANTITY	
DATE	

D201028-

DESCRIPTION

Metropolis LED Tube 500 - Suspension - 500mm / 19 11/16" - 2.7W LED - 700mA - 3000K / 4000K - Optics 12° / 28° / 44°

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Modular

PHYSICAL

Shape: Cylinder
Diameter (mm): 25
Diameter (in): 1
Height (mm): 500
Height (in): 19 11/16
Light Distribution: Downlight
Fixture Finish: BLK / BRZ / IND
Holder Finish: Chrome
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

Input Wattage Range: 1 - 9 W
Lamp Type: LED
Input Wattage (W): 2.7
Total Output Wattage (W): 2.4
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: See canopy components
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (mA): 700

LED

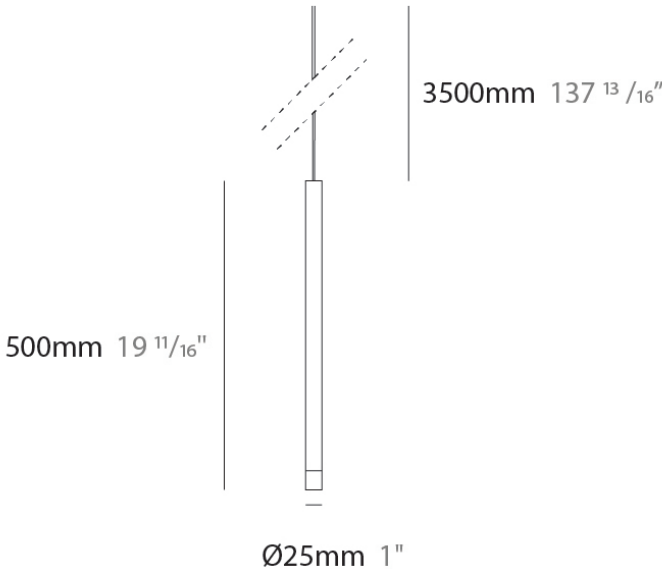
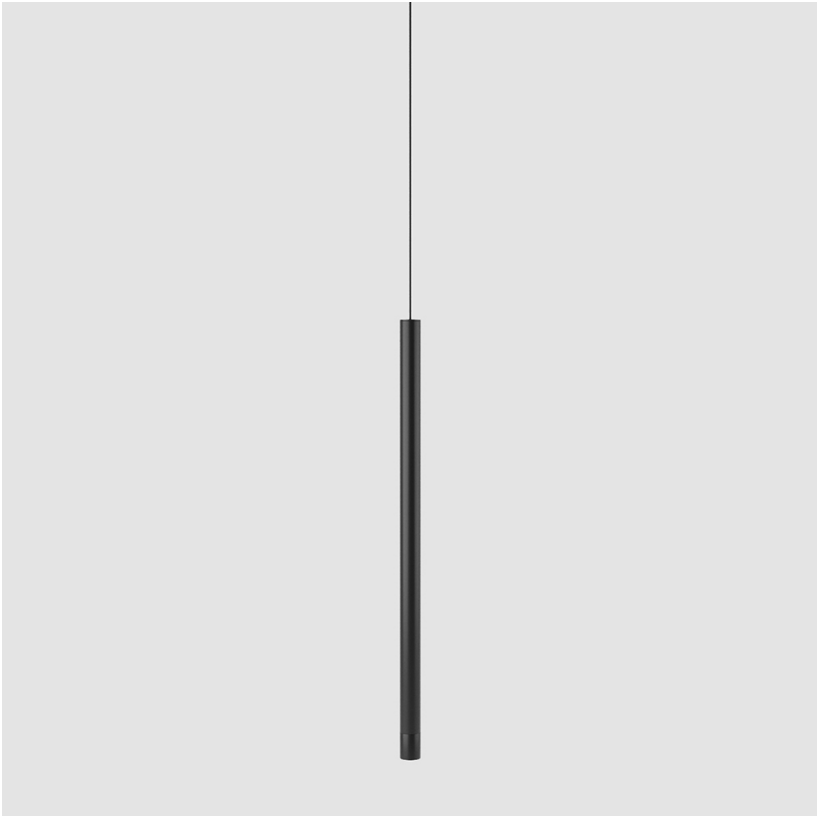
Delivered Lumen Range: 100 - 499 lm
Number of LEDs: 1
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 114 / 122
Nominal Lumen (lm): 124 / 133
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: 3500K

OPTICAL

Optic°: 12 / 28 / 44

RATINGS AND CERTIFICATIONS

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



D20METRO-SUS-SYS COMPONENTS SUSPENSION

D201029-

DESCRIPTION

Metropolis LED Tube 800 - Suspension - 800mm / 31 1/2" - 2.7W
LED - 700mA - 3000K / 4000K - Optics 12° / 28° / 44°

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Modular

PHYSICAL

Shape: Cylinder
Diameter (mm): 25
Diameter (in): 1
Height (mm): 800
Height (in): 31 1/2
Light Distribution: Downlight
Fixture 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

Input Wattage Range: 1 - 9 W
Lamp Type: LED
Input Wattage (W): 2.7
Total Output Wattage (W): 2.4
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: See canopy components
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

LED

Delivered Lumen Range: 100 - 499 lm
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

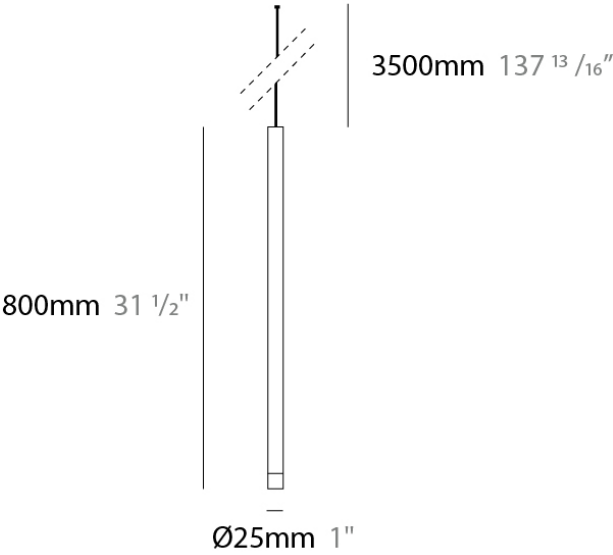
OPTICAL

Optic°: 12 / 28 / 44

RATINGS AND CERTIFICATIONS

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

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PROJECT
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D201030-

DESCRIPTION

Metropolis Blind Tube 500 - Suspension - 500mm / 19 11/16".
Replaces LED model.

GENERAL

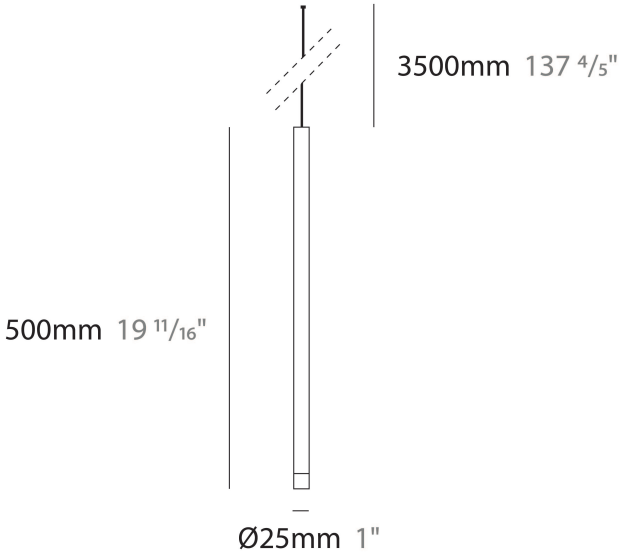
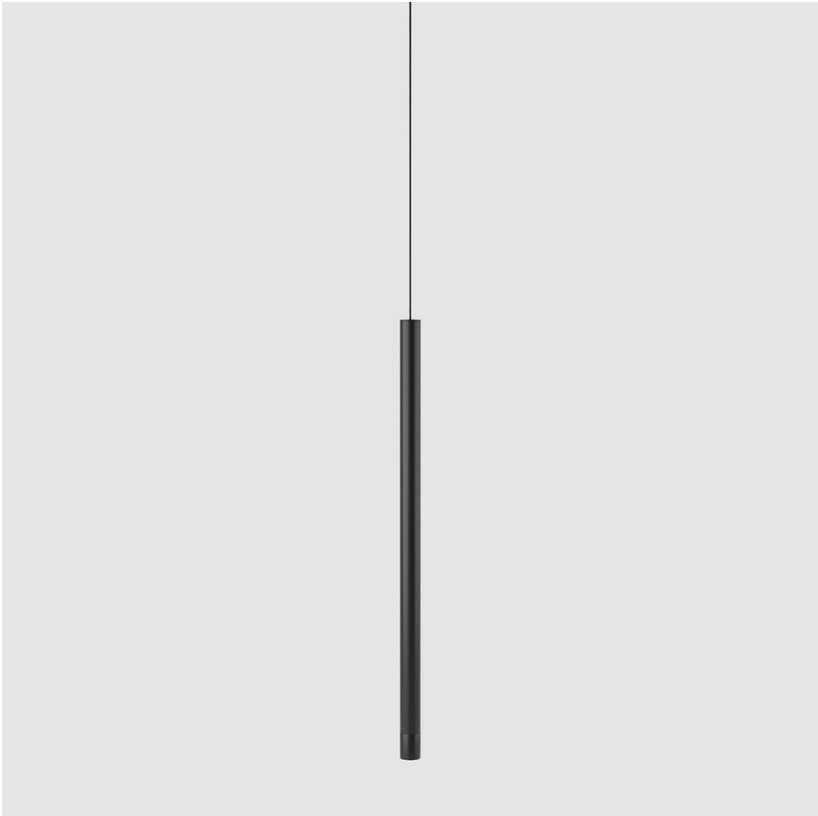
Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Modular

PHYSICAL

Shape: Cylinder
Diameter (mm): 25
Diameter (in): 1
Height (mm): 500
Height (in): 19 11/16
Light Distribution: Downlight
Fixture 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.

RATINGS AND CERTIFICATIONS

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



PROJECT
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D201031-

DESCRIPTION

Metropolis Blind Tube 800 - Suspension - 800mm / 31 1/2".
Replaces LED model.

GENERAL

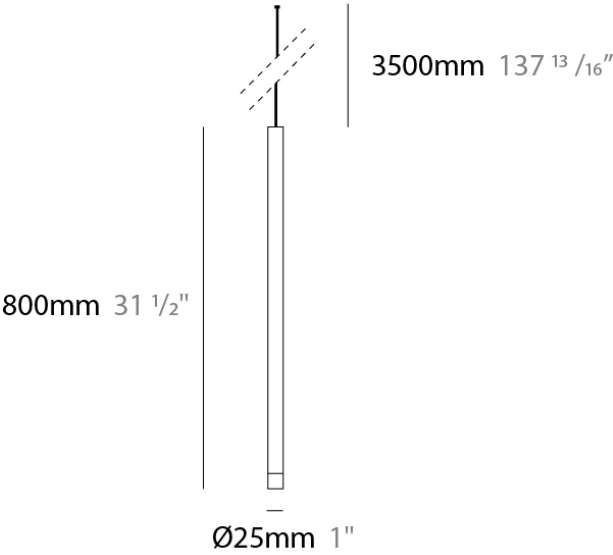
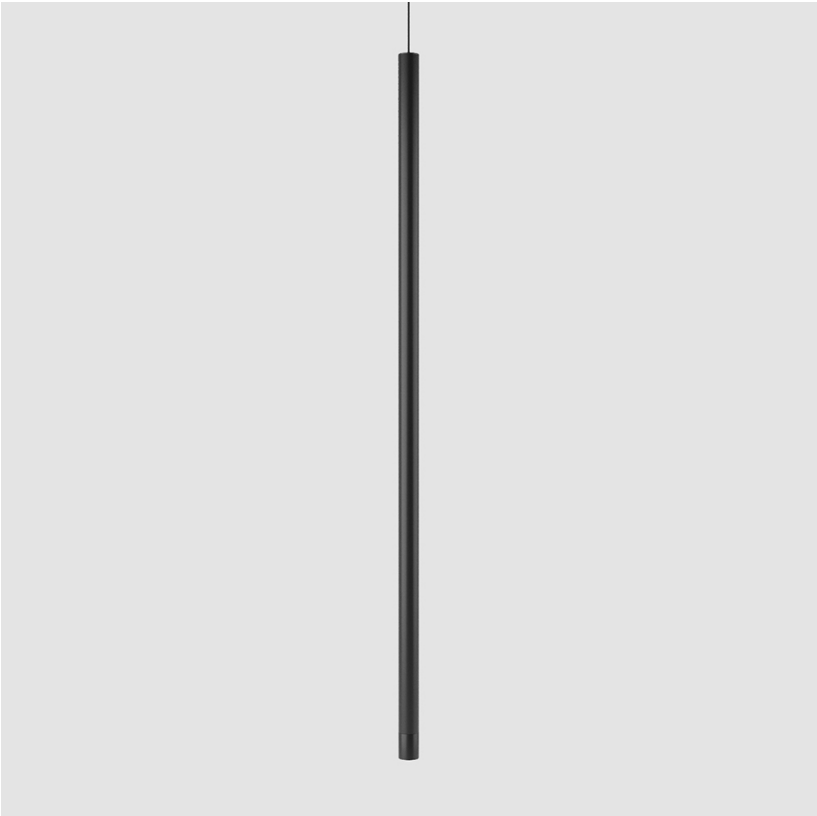
Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Modular

PHYSICAL

Shape: Cylinder
Diameter (mm): 25
Diameter (in): 1
Height (mm): 800
Height (in): 31 1/2
Light Distribution: Downlight
Fixture 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.

RATINGS AND CERTIFICATIONS

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



PROJECT

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D209000-

DESCRIPTION

Metropolis - Y-Connector

GENERAL

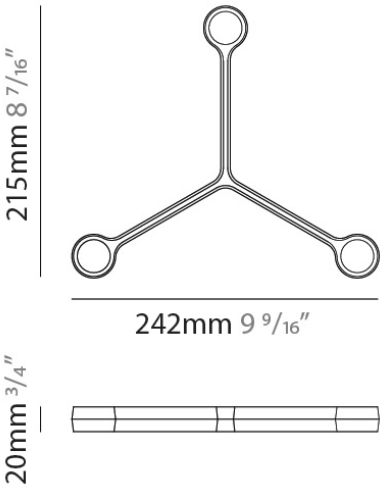
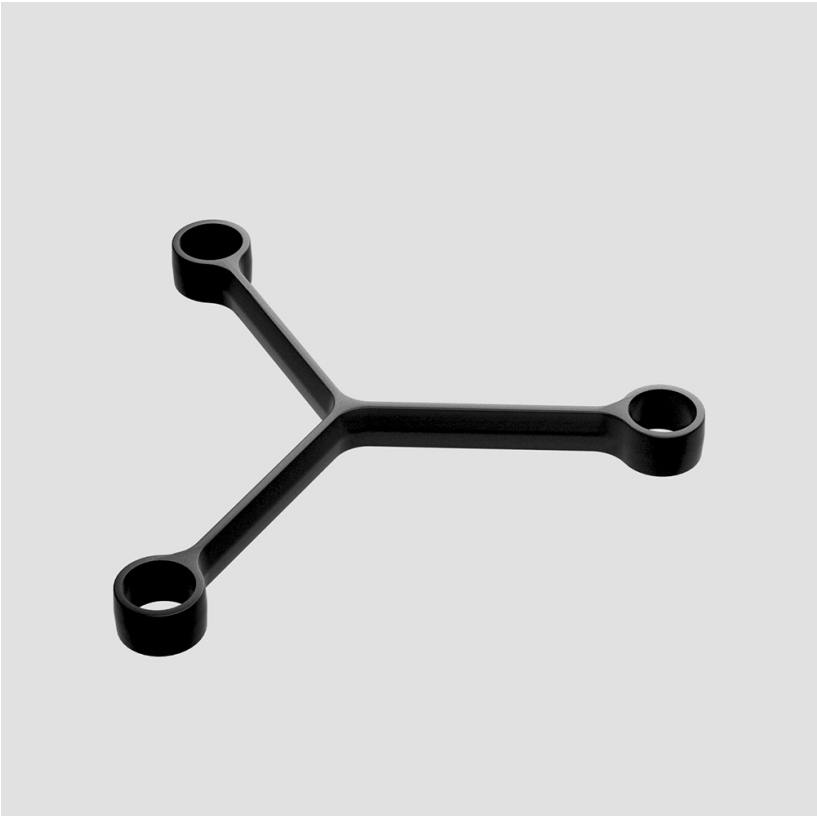
Series: Metropolis
Brand: Zaneen
Division: Design

PHYSICAL

Length (mm): 242
Length (in): 9 9/16
Width (mm): 215
Width (in): 8 7/16
Height (mm): 20
Height (in): 3/4
Fixture Finish: BLK / BRZ / IND
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

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



D20METRO-SUS-SYS COMPONENTS

D209003-

DESCRIPTION

Metropolis - Recessed Canopy for remote application of power supply unit

GENERAL

Series: Metropolis
Brand: Zaneen
Division: Design

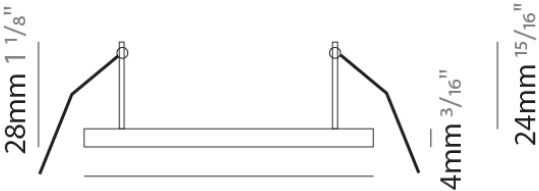
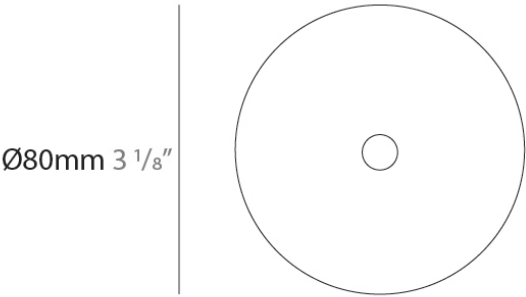
PHYSICAL

Diameter (mm): 80
Diameter (in): 3 1/8
Height (mm): 30
Height (in): 1 3/16
Fixture Finish: WHI / BLK
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20

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D20METRO-SUS-SYS COMPONENTS

D209004-

DESCRIPTION

Metropolis - C-Connector

GENERAL

Series: Metropolis

Brand: Zaneen

Division: Design

PHYSICAL

Fixture Finish: BLK / BRZ / IND

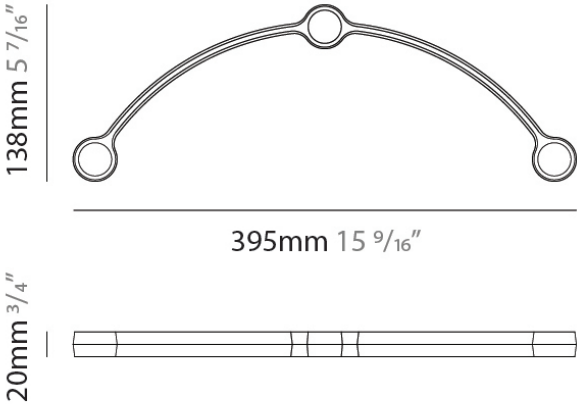
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP41 (Damp)

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D20METRO-SUS-SYS COMPONENTS SURFACE

D209900-1067-838-

DESCRIPTION

Metropolis Modular - Ceiling Holder Rectangle - 1067mm / 42" x 838mm / 33" (24 Hole) - Power supply provided is based on 24 LED fixtures (Consult factory for driver details if Blind fixtures chosen in design intent; power supply could vary)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

Shape: Rectangle
Length (mm): 1067
Length (in): 42
Width (mm): 838
Width (in): 33
Height (mm): 50
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

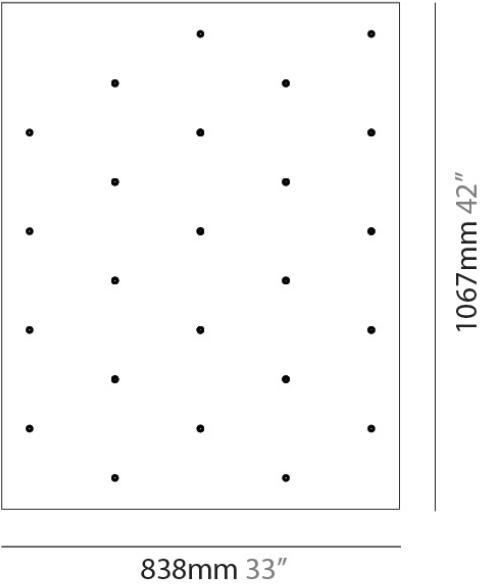
ELECTRICAL

Lamp Type: LED
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 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20

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D20METRO-SUS-SYS COMPONENTS SURFACE

D209900-1220-

DESCRIPTION

Metropolis Modular - Ceiling Holder Square - 1220mm / 48 1/16" x 1220mm / 48 1/16" (38 Hole) - Power supply provided is based on 38 LED fixtures (Consult factory for driver details if Blind fixtures are to be chosen in design intent; power supply could vary)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

Shape: Square
Length (mm): 1220
Length (in): 48 1/16
Width (mm): 1220
Width (in): 48 1/16
Height (mm): 50
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

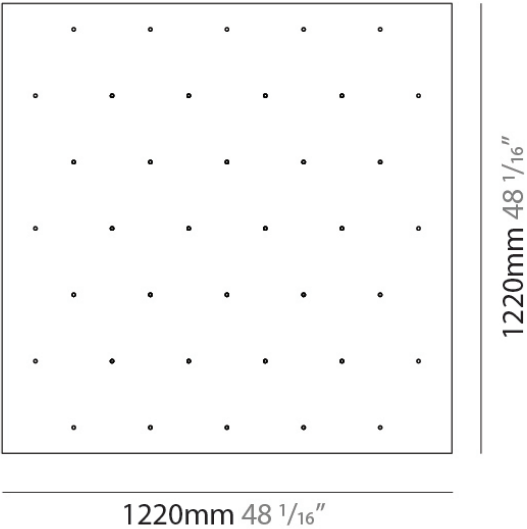
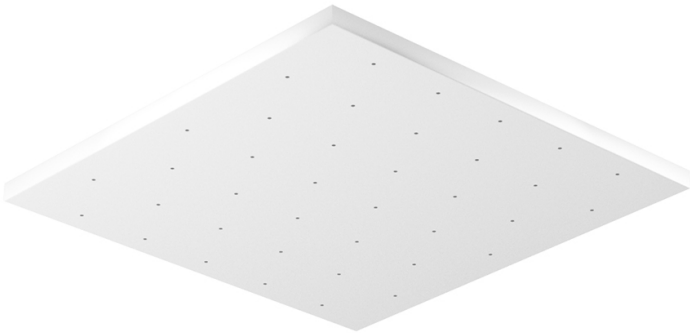
ELECTRICAL

Lamp Type: LED
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 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20

PROJECT
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NOTES
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D20METRO-SUS-SYS COMPONENTS SURFACE

D209900-1524-1220-

DESCRIPTION

Metropolis Modular - Ceiling Holder Rectangle - 1524mm / 60" x 1220mm / 49 1/16" (49 Hole) - Power supply provided is based on 49 LED fixtures (Consult factory for driver details if Blind fixtures chosen in design intent; power supply could vary)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

Shape: Rectangle
Length (mm): 1524
Length (in): 60
Width (mm): 1220
Width (in): 48 1/16
Height (mm): 50
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

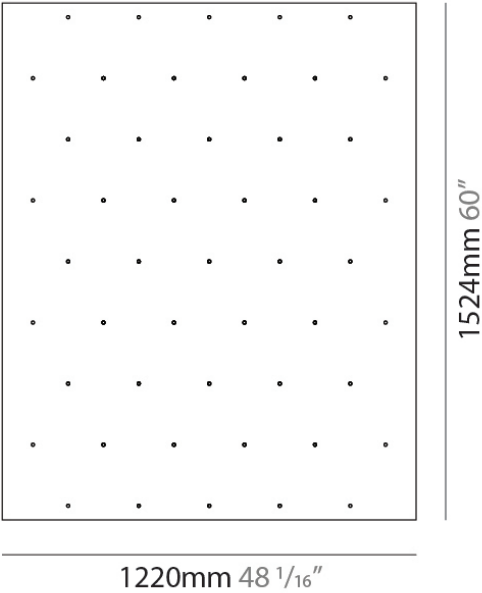
ELECTRICAL

Lamp Type: LED
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20

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D20METRO-SUS-SYS COMPONENTS SURFACE

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D209900-584-

DESCRIPTION

Metropolis Modular - Ceiling Holder - Square - 584mm / 23" x 584mm / 23" (7 Hole) - Power supply provided is based on 7 LED fixtures (Consult factory for driver details if Blind fixtures chosen in design intent; power supply could vary)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

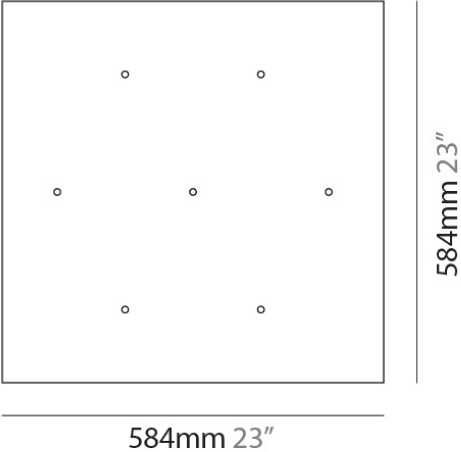
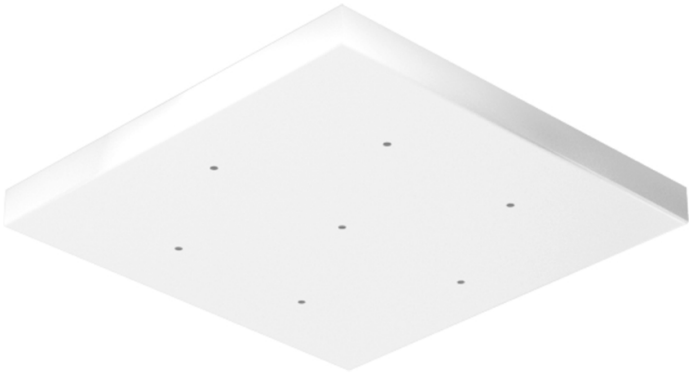
Shape: Square
Length (mm): 584
Length (in): 23
Width (mm): 584
Width (in): 23
Height (mm): 5
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED
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 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



D20METRO-SUS-SYS COMPONENTS SURFACE

D209900-854-758-

DESCRIPTION

Metropolis Modular - Ceiling Holder Rectangle - 854mm / 33 5/8" x 758mm / 29 13/16" (16 Hole) - Power supply provided is based on 16 LED fixtures (Consult factory for driver details if Blind fixtures chosen in design intent; power supply could vary)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

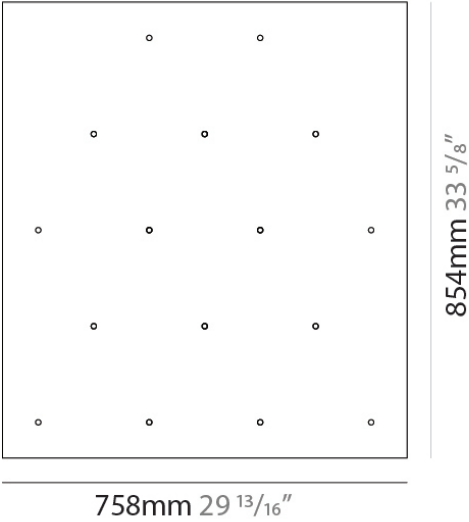
Shape: Rectangle
Length (mm): 854
Length (in): 33 5/8
Width (mm): 758
Width (in): 29 13/16
Height (mm): 50
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED
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 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



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D20METRO-SUS-SYS COMPONENTS SURFACE

D209900-932-

DESCRIPTION

Metropolis Modular - Ceiling Holder Square - 932mm / 36 11/16" x 932mm / 36 11/16" (22 Holes) - Power supply provided is based on 22 LED fixtures (Consult factory for driver details if Blind fixtures chosen in design intent; power supply could vary)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

Shape: Square
Length (mm): 932
Length (in): 36 11/16
Width (mm): 932
Width (in): 36 11/16
Height (mm): 50
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

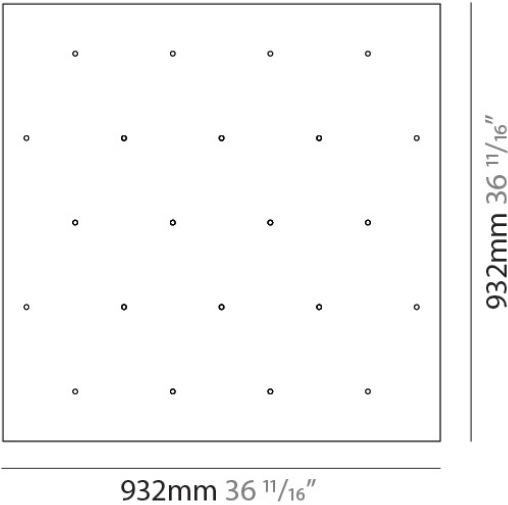
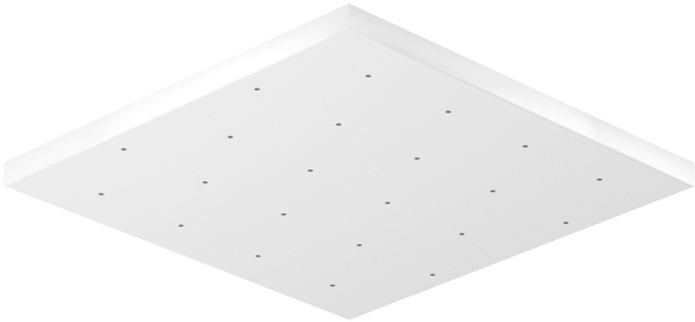
ELECTRICAL

Lamp Type: LED
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 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20

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D20METRO-SUS-SYS COMPONENTS SURFACE

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D209901-1143-

DESCRIPTION

Metropolis Modular - Ceiling Holder Round - 1143mm / 45" (27 Hole) - Power supply provided is based on 27 LED fixtures (Consult factory for driver details if Blind fixtures chosen in design intent; power supply could vary)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

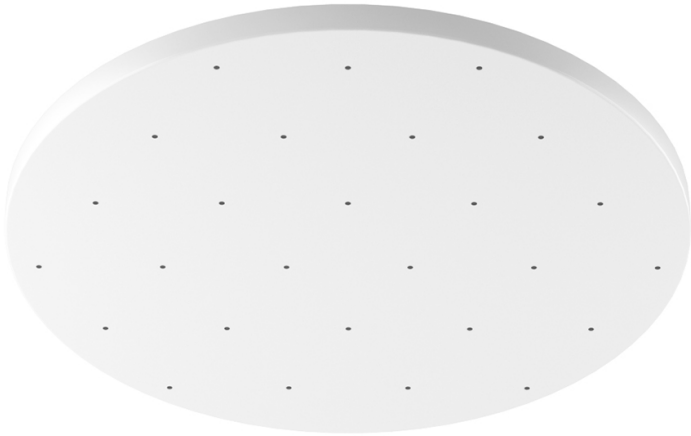
Shape: Rectangle
Diameter (mm): 1143
Diameter (in): 45
Height (mm): 50
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

ELECTRICAL

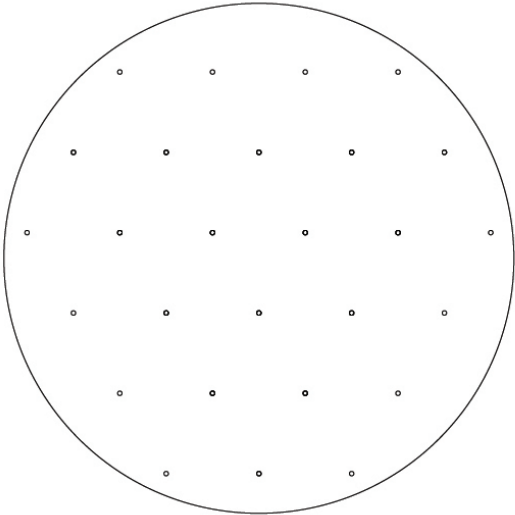
Lamp Type: LED
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



Ø1143mm 45"



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D209901-381-

DESCRIPTION

Metropolis Modular - Ceiling Holder Round - 381mm / 15" (3 Hole)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

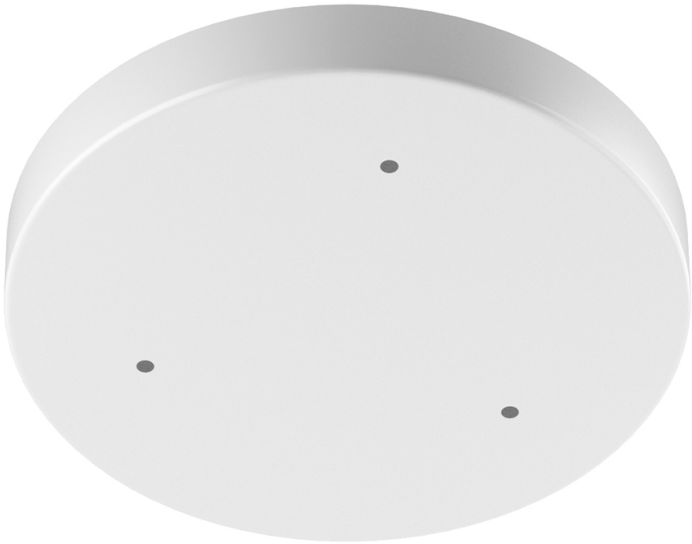
Shape: Rectangle
Diameter (mm): 381
Diameter (in): 15
Height (mm): 50.8
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

ELECTRICAL

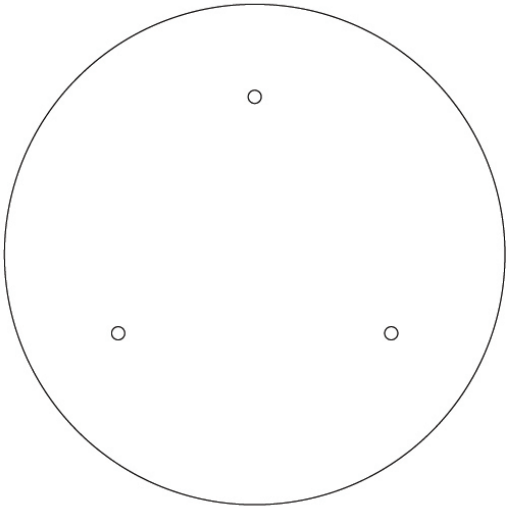
Lamp Type: LED
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (mA): 700

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



Ø381mm 15"



D20METRO-SUS-SYS COMPONENTS SURFACE

D209901-635-

DESCRIPTION

Metropolis Modular - Ceiling Holder Round - 635mm / 25" (7 Hole) - Power supply provided is based on 7 LED fixtures (Consult factory for driver details if Blind fixtures chosen in design intent; power supply could vary)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

Shape: Round
Diameter (mm): 635
Diameter (in): 25
Height (mm): 50
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

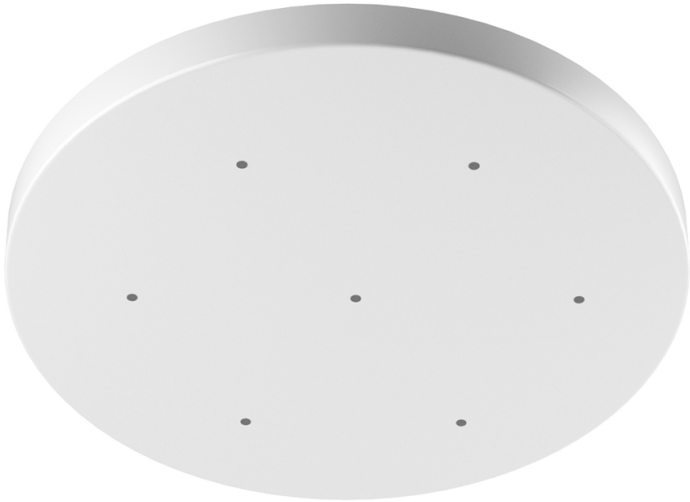
ELECTRICAL

Lamp Type: LED
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 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

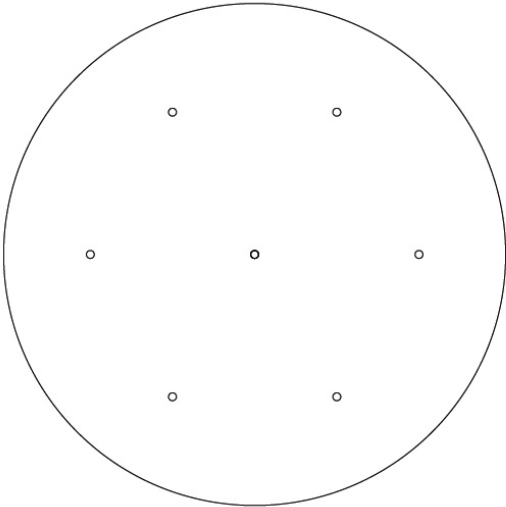
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20

PROJECT
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Ø635mm 25"



D20METRO-SUS-SYS COMPONENTS SURFACE

D209902-1054-588-

DESCRIPTION

Metropolis Modular - Ceiling Holder Oval - 1054mm / 41 1/2" x 588mm / 23 1/8" (13 Hole) - Power supply provided is based on 13 LED fixtures (Consult factory for driver details if Blind fixtures chosen in design intent; power supply could vary)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

Shape: Oval
Length (mm): 1054
Length (in): 41 1/2
Width (mm): 588
Width (in): 23 1/8
Height (mm): 50
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

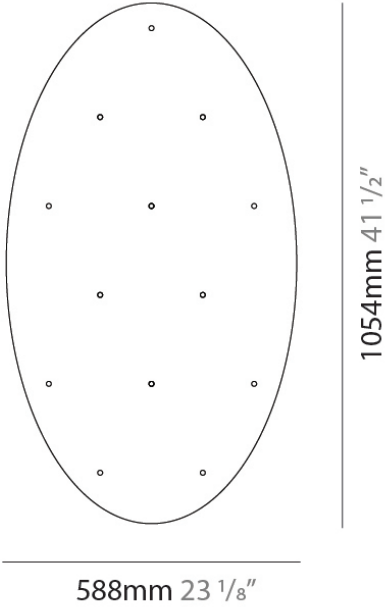
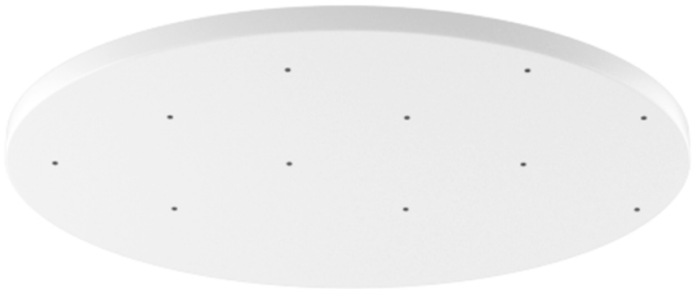
ELECTRICAL

Lamp Type: LED
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 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20

PROJECT
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D20METRO-SUS-SYS COMPONENTS SURFACE

PROJECT
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D209902-1269-772-

DESCRIPTION

Metropolis Modular - Ceiling Holder Oval - 1269mm / 49 15/16" x 772mm / 30 3/8" (21 Hole) - Power supply provided is based on 21 LED fixtures (Consult factory for driver details if Blind fixtures chosen in design intent; power supply could vary)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

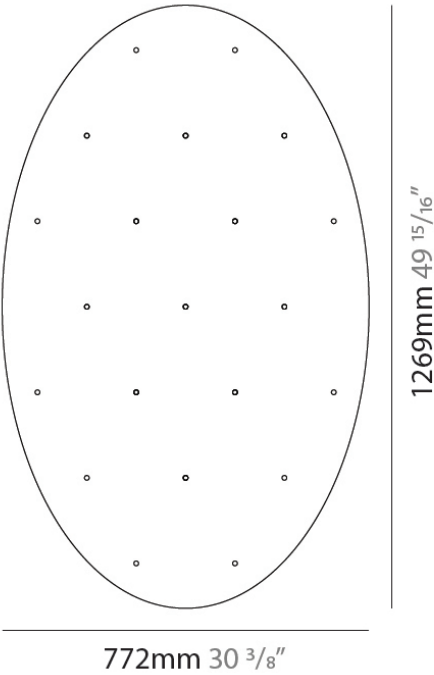
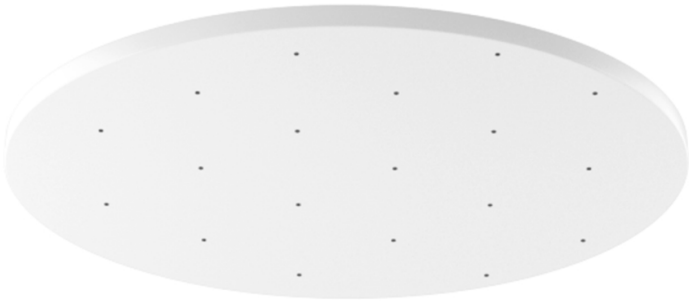
Shape: Oval
Length (mm): 1269
Length (in): 49 15/16
Width (mm): 772
Width (in): 30 3/8
Height (mm): 50
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED
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 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



D20METRO-SUS-SYS COMPONENTS SURFACE

D209902-1524-1220-

DESCRIPTION

Metropolis Modular - Ceiling Holder Oval - 1524mm / 60" x 1220mm / 48 1/16" (38 Hole) - Power supply provided is based on 38 LED fixtures (Consult factory for driver details if Blind fixtures are to be chosen in design intent; power supply could vary)

GENERAL

Series: Metropolis
Subseries: Metropolis Modular System
Brand: Zaneen
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling

PHYSICAL

Shape: Oval
Length (mm): 1524
Length (in): 60
Width (mm): 1220
Width (in): 48 1/16
Height (mm): 50
Height (in): 2
Fixture Finish: BLK / BRZ / IND / WHI
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED
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 2
Input Voltage (V): 120 - 277
Constant Current (MA): 700

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20

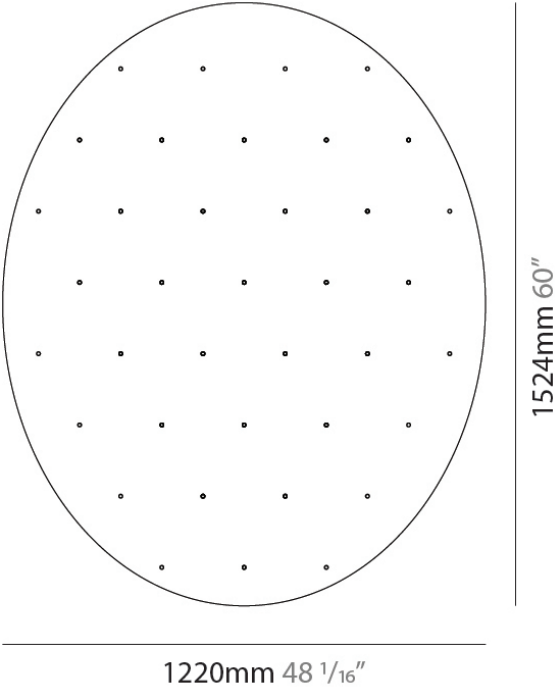
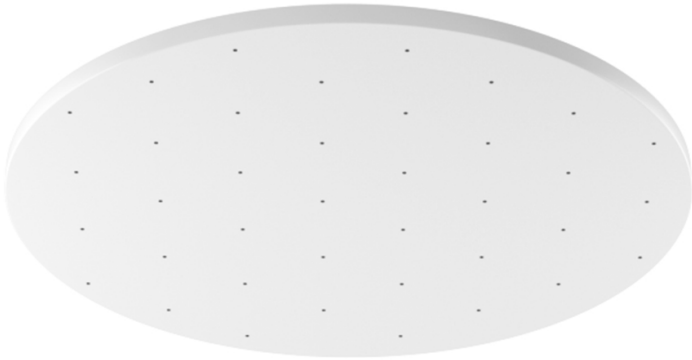
PROJECT _____

TYPE _____

NOTES _____

QUANTITY _____

DATE _____



PROJECT
TYPE
NOTES
QUANTITY
DATE

LEGEND

 floor-mounted	 pivotal	 special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
 wall and ceiling: recessed and surface mounted	 rotating	 warm dim / natural dimming LED
 ceiling-mounted and wall-mounted	 illuminate tilted	 rechargeable battery powered
 wall-mounted	 color of suspension cable	 fixture with natural vivid LED (upon request)
 omni-directional light distribution	 length of suspension cable	 color rendering index
 direct light distribution	 reflector degree selection	 color temperature
 direct/indirect light distribution	 super spot	 lumen (luminous flux)
 indirect light distribution	 lens	 efficacy (lumens per watt)
 asymmetric light distribution	 lens pack	 Unified Glare Rating (UGR) range from 5-40
 aura light distribution	 shine ring	 marine grade (AISI 316 stainless steel)
 round wall or ceiling cut-out	 integrated shine ring with diffuser	 walk on
 square wall or ceiling cut-out	 free individual colors 01-29	 drive on
 the supplied jig specifies the cutout dimensions	 individual colors: 00 (free of charge), 01-25 (extra charge)	 Dark Sky Compliance
 minimum distance (meters) lamp - object	 luminaire part to be colored (F1)	 Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
 recessed depth	 luminaire part to be colored (F2)	 lamp protected against explosion
 ceiling thickness in mm	 luminaire part to be colored (F3)	 blown glass using traditional methods by master glass blower
 ceiling thickness selection	 luminaire part to be colored (F4)	 acoustic material
 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
 separately switchable	 indirect diffuser	 ETL Certified to UL and CSA Standards
 sensor	 direct diffuser	 UL Certified to UL and CSA Standards
 remote control	 ball-proof (upon request)	 CSA Certified to UL and CSA Standards
 available upon request	 accessory	 Certified for North American Standards

IP RATING

 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

 IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
 IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm 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)
 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)
 IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)