RONTONTON SUSPENSION

D101479-

Finish Options 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: Rontonton | |
|---|--|
| Brand: Quasar | |
| Division: Design | |
| Mounting Type: Suspension | |
| Mounting Location: Ceiling | |
| Subcategory: Pendant | |
| PHYSICAL | |
| Shape: Abstract | |
| Diameter (mm): 500 | |
| Diameter (in): 19 $\frac{11}{1_{16}}$ | |
| Height (mm): 450 | |
| Height (in): 17 ¹¹ / ₁₆ | |
| Max. Overall Height (mm): 2450 | |
| Max. Overall Height (in): 96 $\frac{7}{16}$ | |
| Light Distribution: Omnidirectional | |
| Weight (kg): 8 | |
| Weight (lbs): 17.64 | |
| Fixture Finish: WHI / BLK | |
| Fixture Material: Metal | |
| Cable Details: 2000mm Cable | |
| ELECTRICAL | |
| Number of Lamps: 1 | |
| Lamp Type: LED Retrofit | |
| Bulb Included: Bulb Not Included | |
| Total Output Wattage (W): 15 / 70 / 23 | |
| | |

| Max. Wattage Per Lamp (W): 15 / 70 / 23 | |
|---|--|
| Lamp Base: E26 | |
| Input Voltage (V): 120 | |
| Upon Request: 277Vac / GU24 | |

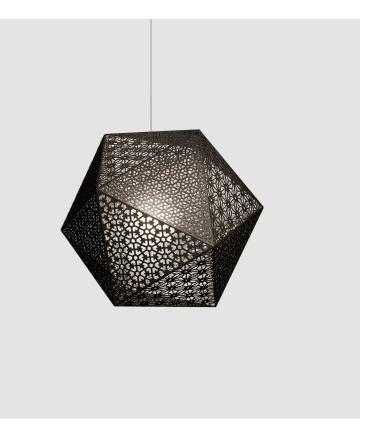
LED

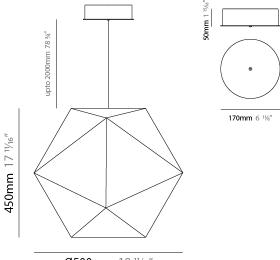
OPTICAL

RATINGS AND CERTIFICATIONS

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

| PROJECT | | | |
|-----------|--|--|--|
| ТҮРЕ | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |





Ø500mm 19 11/16"

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

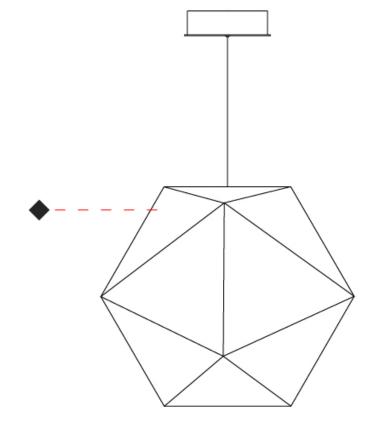
Page 1/18

RONTONTON SUSPENSION

D101479-

PROJECT

| PROJECT | | | |
|-----------|--|--|--|
| ТҮРЕ | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |



RONTONTON SUSPENSION

D101482-

Finish Options 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: Rontonton |
|---|
| Brand: Quasar |
| Division: Design |
| Mounting Type: Suspension |
| Mounting Location: Ceiling |
| Subcategory: Pendant |
| PHYSICAL |
| Shape: Abstract |
| Diameter (mm): 750 |
| Diameter (in): 29 ¹ / ₂ |
| Height (mm): 675 |
| Height (in): 26 [%] / ₁₆ |
| Max. Overall Height (mm): 2675 |
| Max. Overall Height (in): 105 $\frac{5}{16}$ |
| Light Distribution: Omnidirectional |
| Weight (kg): 13 |
| Weight (lbs): 28.66 |
| Fixture Finish: WHI / BLK |
| Fixture Material: Metal |
| Cable Details: 2000mm Cable |
| ELECTRICAL |
| Number of Lamps: 1 |
| Lamp Type: LED Retrofit |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 15 / 105 / 23 |
| |

| Total Output Wattage (W): 15 / 105 / 23 |
|--|
| Max. Wattage Per Lamp (W): 15 / 105 / 23 |
| Lamp Base: E26 |

Input Voltage (V): 120

Upon Request: 277Vac / GU24

LED

OPTICAL

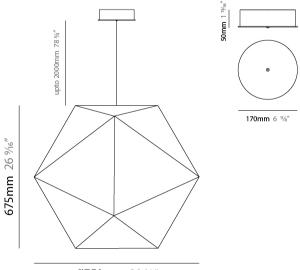
RATINGS AND CERTIFICATIONS

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



| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |





Ø750mm 29 1/2"

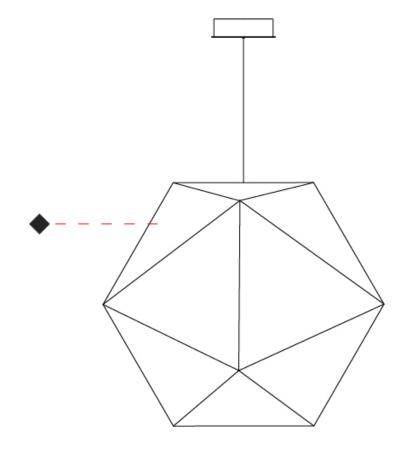
Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

RONTONTON SUSPENSION

D101482-

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

RONTONTON SUSPENSION

D101506-

Finish Options 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: Rontonton |
|--|
| Brand: Quasar |
| Division: Design |
| Mounting Type: Suspension |
| Mounting Location: Ceiling |
| Subcategory: Pendant |
| PHYSICAL |
| Shape: Abstract |
| Diameter (mm): 225 |
| Diameter (in): $8\frac{7}{8}$ |
| Height (mm): 180 |
| Height (in): $7\frac{1}{16}$ |
| Max. Overall Height (mm): 2180 |
| Max. Overall Height (in): 85 ¹³ / ₁₆ |
| Light Distribution: Omnidirectional |
| Weight (kg): 1 |
| Weight (lbs): 2.2 |
| Fixture Finish: WHI / BLK |
| Fixture Material: Metal |
| Cable Details: 2000mm Cable |
| ELECTRICAL |
| Number of Lamps: 1 |
| Lamp Type: Halogen |
| Lamp Shape: T4 |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 20 |
| Lamp Base: G4 |
| Dimming: Phase Dimming (120Vac Only) |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Transformer - 120Vac |
| Driver Class: Class 2 |
| Input Voltage (V): 120 - 277 |
| Output Voltage (V): 12 |
| Lamp Voltage (V): 12 |
| Upon Request: Trailing Edge dimming only / 277Vac |

LED

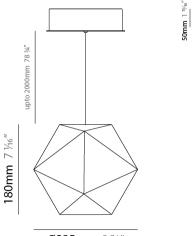
OPTICAL

RATINGS AND CERTIFICATIONS

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

| DATE | | | |
|-----------|--|--|--|
| QUANTITY | | | |
| SPECIFIER | | | |
| TYPE | | | |
| PROJECT | | | |





170mm 6 11/8"

Ø225mm 8 1/8"

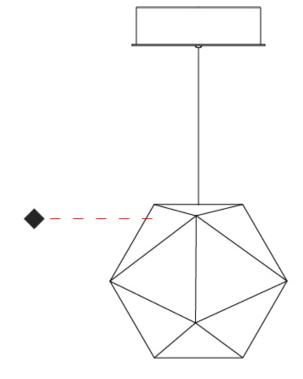
Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

RONTONTON SUSPENSION

D101506-

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |



RONTONTON SUSPENSION

D101508-

Finish Options 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: Rontonton | |
|---|--|
| Brand: Quasar | |
| Division: Design | |
| Mounting Type: Suspension | |
| Mounting Location: Ceiling | |
| Subcategory: Pendant | |
| PHYSICAL | |
| Shape: Abstract | |
| Diameter (mm): 150 | |
| Diameter (in): 5 $\frac{7}{8}$ | |
| Height (mm): 115 | |
| Height (in): 4 ¹ / ₂ | |
| Max. Overall Height (mm): 2150 | |
| Max. Overall Height (in): 84 $\frac{5}{8}$ | |
| Light Distribution: Omnidirectional | |
| Weight (kg): 1 | |
| Weight (lbs): 2.205 | |
| Fixture Finish: WHI / BLK | |
| Fixture Material: Metal | |
| Cable Details: 2000mm Cable | |
| ELECTRICAL | |
| Number of Lamps: 1 | |
| Lamp Type: Halogen | |
| Lamp Shape: T4 | |
| Bulb Included: Bulb Not Included | |
| Total Output Wattage (W): 20 | |
| Max. Wattage Per Lamp (W): 20 | |
| Lamp Base: G4 | |
| Driver Included: Yes | |
| Driver Location: Integrated | |
| Driver Type: Transformer - 120Vac | |
| Driver Class: Class 2 | |
| Input Voltage (V): 120 - 277 | |
| Output Voltage (V): 12 | |
| Lamp Voltage (V): 12 | |
| Upon Request: Trailing Edge dimming only / 277Vac | |

LED

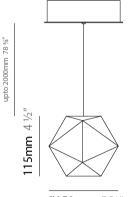
OPTICAL

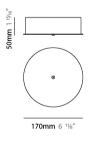
RATINGS AND CERTIFICATIONS

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

| - | SPECIFIER | | | |
|---|-----------|--|--|--|
| | | | | |
| - | QUANTITY | | | |
| _ | DATE | | | |







Ø150mm 5 7%"

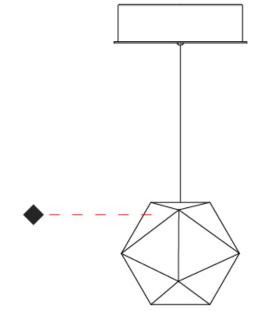
Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

RONTONTON SUSPENSION

D101508-

| PROJECT | | | |
|-----------|--|--|--|
| ТҮРЕ | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

RONTONTON PORTABLE

D104022-

Finish Options 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: Rontonton | |
|-------------------------------------|--|
| Brand: Quasar | |
| Division: Design | |
| Mounting Type: Portable | |
| Mounting Location: Table | |
| Subcategory: Ambient | |
| PHYSICAL | |
| Shape: Abstract | |
| Diameter (mm): 150 | |
| Diameter (in): 5 $\frac{7}{8}$ | |
| Height (mm): 115 | |
| Height (in): $4\frac{1}{2}$ | |
| Light Distribution: Omnidirectional | |
| Weight (kg): 1 | |
| Weight (lbs): 2.2 | |
| Fixture Finish: WHI / BLK | |
| Fixture Material: Metal | |
| ELECTRICAL | |
| Number of Lamps: 1 | |

| Number of Lamps: 1 |
|--|
| Lamp Type: LED Retrofit |
| Lamp Shape: T4 |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 2 / 10 |
| Max. Wattage Per Lamp (W): 2 / 10 |
| Lamp Base: G4 |
| Driver Location: Inline Transformer Plug |
| Input Voltage (V): 120 |
| Lamp Voltage (V): 120 |
| LED |

OPTICAL

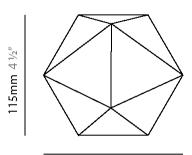
RATINGS AND CERTIFICATIONS

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



| ROJECT |
|----------|
| YPE |
| PECIFIER |
| QUANTITY |
| DATE |





Ø150mm 5 7/8"

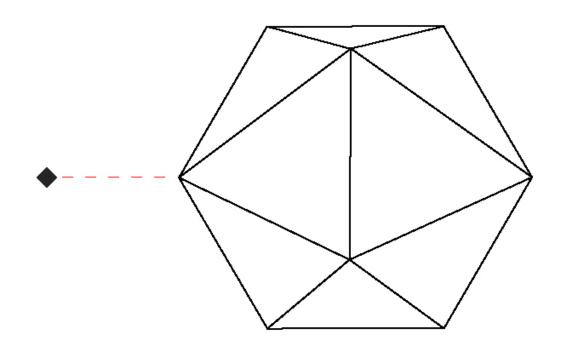
Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

RONTONTON PORTABLE

D104022-

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

RONTONTON PORTABLE

D104024-

Finish Options 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: Rontonton | |
|---|--|
| Brand: Quasar | |
| Division: Design | |
| Mounting Type: Portable | |
| Mounting Location: Table | |
| Subcategory: Ambient | |
| PHYSICAL | |
| Shape: Abstract | |
| Diameter (mm): 225 | |
| Diameter (in): 8 1/8 | |
| Height (mm): 180 | |
| Height (in): 7 ¹ / ₁₆ | |
| Light Distribution: Omnidirectional | |
| Weight (kg): 1 | |
| Weight (lbs): 2.2 | |
| Fixture Finish: WHI / BLK | |
| Fixture Material: Metal | |
| ELECTRICAL | |
| Number of Lamps: 1 | |

| Number of Lamps: 1 |
|--|
| Lamp Type: LED Retrofit |
| Lamp Shape: T4 |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 2 / 20 |
| Max. Wattage Per Lamp (W): 2 / 20 |
| Lamp Base: G4 |
| Driver Location: Inline Transformer Plug |
| Input Voltage (V): 120 |
| Lamp Voltage (V): 120 |
| IER |

LED

OPTICAL

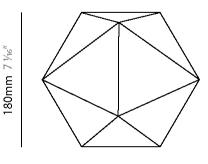
RATINGS AND CERTIFICATIONS

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



| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |





Ø225mm 8 7/8"

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

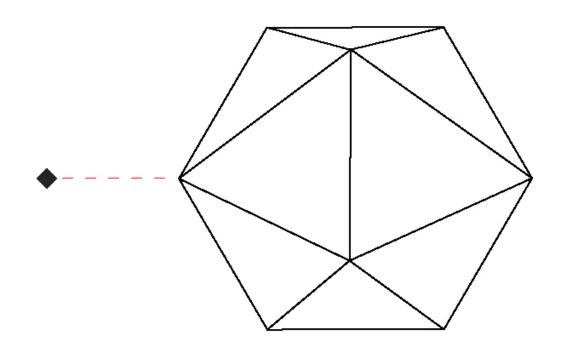
October 6, 2024, 9:32 am

Page 11/18

RONTONTON PORTABLE

D104024-

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

Page 12/18



RONTONTON PORTABLE

D104028-

base number 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: Rontonton |
|-------------------------------------|
| Brand: Quasar |
| Division: Design |
| Mounting Type: Portable |
| Mounting Location: Floor |
| Subcategory: Ambient |
| PHYSICAL |
| Shape: Abstract |
| Diameter (mm): 750 |
| Diameter (in): 29 $\frac{1}{2}$ |
| Height (mm): 675 |
| Height (in): 26 $\%_{16}$ |
| Light Distribution: Omnidirectional |
| Weight (kg): 13 |
| Weight (lbs): 28.66 |
| Fixture Finish: WHI / BLK |
| Fixture Material: Metal |
| |

ELECTRICAL

| Number of Lamps: 1 |
|------------------------------------|
| Lamp Type: LED Retrofit |
| Lamp Shape: A19 |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 15 / 23 |
| Max. Wattage Per Lamp (W): 15 / 23 |
| Lamp Base: E26 |
| Input Voltage (V): 120 |
| Lamp Voltage (V): 120 |
| Upon Request: 277Vac / GU24 |
| |

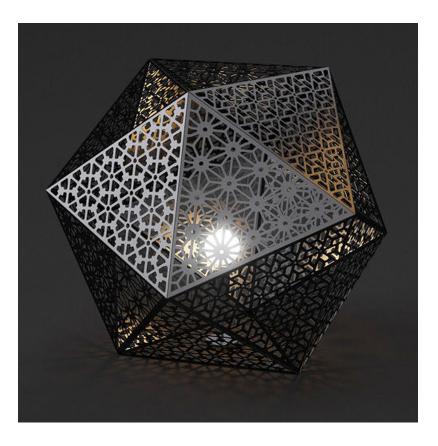
LED

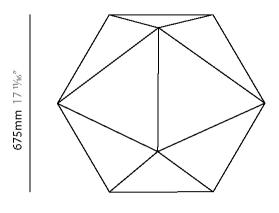
OPTICAL

RATINGS AND CERTIFICATIONS

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

| ТҮРЕ |
|-----------|
| |
| SPECIFIER |
| QUANTITY |
| DATE |





Ø750mm 29 1/2"

D

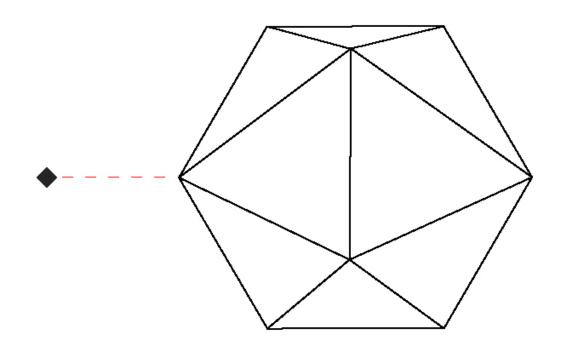
Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

RONTONTON PORTABLE

D104028-

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

RONTONTON PORTABLE

D104079-

Finish Options 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: Rontonton |
|---|
| Brand: Quasar |
| Division: Design |
| Mounting Type: Portable |
| Mounting Location: Floor |
| Subcategory: Ambient |
| PHYSICAL |
| Shape: Abstract |
| Diameter (mm): 500 |
| Diameter (in): 19 ¹¹ / ₁₆ |
| Height (mm): 450 |
| Height (in): 17 ¹¹ / ₁₆ |
| Light Distribution: Omnidirectional |
| Weight (kg): 8 |
| Weight (lbs): 17.64 |
| Fixture Finish: WHI / BLK |
| Fixture Material: Metal |
| ELECTRICAL |

ELECTRICAL

| Number of Lamps: 1 |
|------------------------------------|
| Lamp Type: LED Retrofit |
| Lamp Shape: A19 |
| Bulb Included: Bulb Not Included |
| Total Output Wattage (W): 11 / 23 |
| Max. Wattage Per Lamp (W): 11 / 23 |
| Lamp Base: E26 |
| Input Voltage (V): 120 |
| Lamp Voltage (V): 120 |
| Upon Request: 277Vac / GU24 |
| |

LED

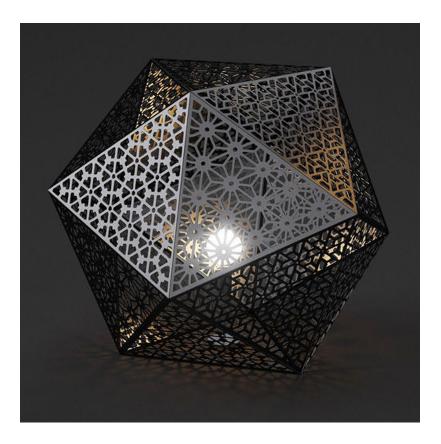
OPTICAL

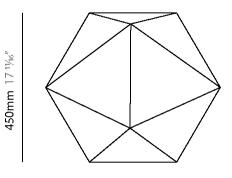
RATINGS AND CERTIFICATIONS

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

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |

DATE





Ø500mm 1911/16″

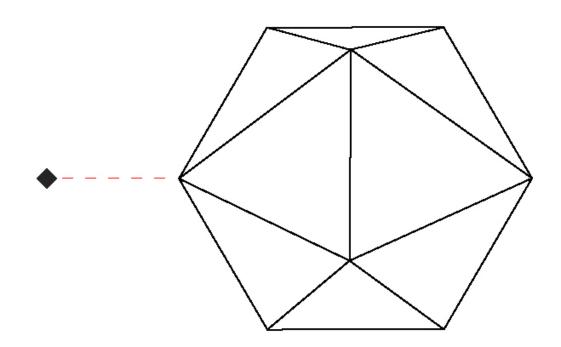
Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

RONTONTON PORTABLE

D104079-

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |
| | | | |



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com



RONTONTON

| PROJECT | | | |
|-----------|--|--|--|
| TYPE | | | |
| SPECIFIER | | | |
| QUANTITY | | | |
| DATE | | | |

Fixture 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.





RONTONTON

PROJECT

. . .

TYPE SPECIFIER

QUANTITY

DATE

LEGEND

| ⊥_ | floor-mounted | ¥ | pivotable | \circledast | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
|--|--|---------|--|---------------|--|
| 7 | wall and ceiling: recessed and surface mounted | U | rotating | 0 | warm dim / natural dimming LED |
| Î | ceiling-mounted and wall-mounted | R | illuminate tilted | 0 | rechargeable battery powered |
| \rightarrow | wall-mounted | T | color of suspension cable | 1111 1140 | fixture with natural vivid LED (upon request) |
| Y | omni-directional light distribution | → | length of suspension cable | CRI | color rendering index |
| À | direct light distribution | Δ | reflector degree selection | €К) | color temperature |
| | direct/indirect light distribution | s s | super spot | LM | lumen (luminous flux) |
| | indirect light distribution | * | lens | ₩. | efficacy (lumens per watt) |
| | asymmetric light distribution | 9 | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| Ä | aura light distribution | 0 | shine ring | 3 | marine grade (AISI 316 stainless steel) |
| R | round wall or ceiling cut-out | \odot | integrated shine ring with diffuser | ٢ | walk on |
| 5 | square wall or ceiling cut-out | Ċ | free individual colors 01-29 | | drive on |
| d d | the supplied jig specifies the cutout dimensions | Ċ | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC | Dark Sky Compliance |
| (++) M++ | minimum distance (meters) lamp - object | ۲ | luminaire part to be colored (F1) | Ġ | 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 |
| 1 | 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) | ۥ | acoustic material |
| | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) | | luminaire part to be colored (F5) | | protection class l, protection insulation |
| стан Станарија Станариј Станар Станарста Станарста Станарста Станарста Станарста Стан | included or excluded LED driver/transformer/ control gear | | color of 3-circuit adaptor | | protection class II, protection insulation |
| স | separately switchable | \odot | indirect diffuser | | ETL Certified to UL and CSA Standards |
| シリ | sensor | D | direct diffuser | c (UL) us | UL Certified to UL and CSA Standards |
| | remote control | \odot | ball-proof (upon request) | SP: | CSA Certified to UL and CSA Standards |
| 2 | available upon request | U | 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

| КО1 | 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) |
| КОЗ | 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) |
| КО5 | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface) |
| КОб | 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) |
| КОВ | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) |
| 1609 | 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) |