## **TOURBILLON SUSPENSION**

## D81100

| GENERAL                                      |
|--|
| Series: Tourbillon                           |
| Brand: Panzeri                               |
| Division: Design                             |
| Mounting Type: Suspension                    |
| Mounting Location: Ceiling                   |
| Subcategory: Pendant                         |
| PHYSICAL                                     |
| Shape: Abstract                              |
| Diameter (mm): 140                           |
| Diameter (in): 5 <sup>1</sup> / <sub>2</sub> |
| Height (mm): 120                             |
| Height (in): 4 <sup>3</sup> / <sub>4</sub>   |
| Max. Overall Height (mm): 2120               |
| Max. Overall Height (in): 83 $\frac{7}{16}$  |
| Light Distribution: Omnidirectional          |
| Weight (kg): 0.5                             |
| Weight (lbs): 1                              |
| Diffuser: White Glass                        |
| Fixture Finish: NIC                          |
| Fixture Material: Metal                      |
| ELECTRICAL                                   |
| Number of Lamps: 1                           |
| Lamp Type: LED Retrofit                      |
| Lamp Shape: T4                               |
| Bulb Included: Bulb Not Included             |
| Total Output Wattage (W): 3                  |
| Max. Wattage Per Lamp (W): 3                 |
| Lamp Base: G9                                |
| Input Voltage (V): 120                       |
| LED  |

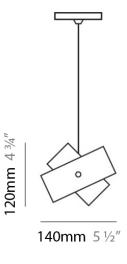
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

| PROJECT  |  |  |  |
|----------|--|--|--|
| ТҮРЕ     |  |  |  |
| NOTES    |  |  |  |
| QUANTITY |  |  |  |
| DATE     |  |  |  |
|          |  |  |  |





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## **TOURBILLON SUSPENSION**

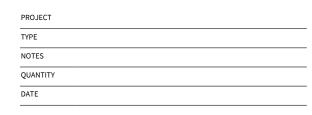
## D81101

| GENERAL   |
|---|
| Series: Tourbillon  |
| Brand: Panzeri  |
| Division: Design  |
| Mounting Type: Suspension                                 |
| Mounting Location: Ceiling                                |
| Subcategory: Pendant                                      |
| PHYSICAL  |
| Shape: Abstract   |
| Diameter (mm): 140  |
| Diameter (in): $5\frac{1}{2}$                             |
| Height (mm): 120  |
| Height (in): $4\frac{3}{4}$                               |
| Max. Overall Height (mm): 2120                            |
| Max. Overall Height (in): 83 <sup>7</sup> / <sub>16</sub> |
| Light Distribution: Omnidirectional                       |
| Weight (kg): 0.5  |
| Weight (lbs): 1   |
| Diffuser: White & Black Glass                             |
| Fixture Finish: NIC                                       |
| Fixture Material: Metal                                   |
| ELECTRICAL  |
| Number of Lamps: 1  |
| Lamp Type: LED Retrofit                                   |
| Lamp Shape: T4  |
| Bulb Included: Bulb Not Included                          |
| Total Output Wattage (W): 3                               |
| Max. Wattage Per Lamp (W): 3                              |
| Lamp Base: G9   |
| Input Voltage (V): 120                                    |
| LED   |

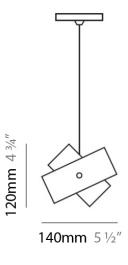
OPTICAL

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## **TOURBILLON SUSPENSION**

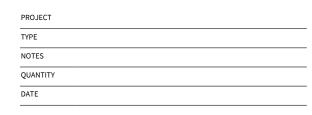
### D81104

| GENERAL  |
|--|
| Series: Tourbillon                             |
| Brand: Panzeri                                 |
| Division: Design                               |
| Mounting Type: Suspension                      |
| Mounting Location: Ceiling                     |
| Subcategory: Pendant                           |
| PHYSICAL                                       |
| Shape: Abstract                                |
| Diameter (mm): 140                             |
| Diameter (in): $5\frac{1}{2}$                  |
| Height (mm): 120                               |
| Height (in): $4\frac{3}{4}$                    |
| Max. Overall Height (mm): 2120                 |
| Max. Overall Height (in): 83 $\frac{7}{_{16}}$ |
| Light Distribution: Omnidirectional            |
| Weight (kg): 0.5                               |
| Weight (lbs): 1                                |
| Diffuser: White & Green Glass                  |
| Fixture Finish: NIC                            |
| Fixture Material: Metal                        |
| ELECTRICAL                                     |
| Number of Lamps: 1                             |
| Lamp Type: LED Retrofit                        |
| Lamp Shape: T4                                 |
| Bulb Included: Bulb Not Included               |
| Total Output Wattage (W): 3                    |
| Max. Wattage Per Lamp (W): 3                   |
| Lamp Base: G9                                  |
| Input Voltage (V): 120                         |
| LED  |

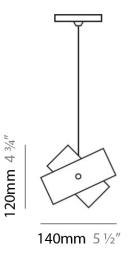
OPTICAL

#### RATINGS AND CERTIFICATIONS

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## **TOURBILLON SUSPENSION**

## D81107

| GENERAL  |
|--|
| Series: Tourbillon                               |
| Brand: Panzeri                                   |
| Division: Design                                 |
| Mounting Type: Suspension                        |
| Mounting Location: Ceiling                       |
| Subcategory: Pendant                             |
| PHYSICAL   |
| Shape: Abstract                                  |
| Diameter (mm): 300                               |
| Diameter (in): 11 <sup>3</sup> / <sub>4</sub>    |
| Height (mm): 250                                 |
| Height (in): 9 $\frac{7}{8}$                     |
| Max. Overall Height (mm): 2250                   |
| Max. Overall Height (in): 88 $^{9}\!\!/_{_{16}}$ |
| Light Distribution: Omnidirectional              |
| Weight (kg): 4.09                                |
| Weight (lbs): 9                                  |
| Diffuser: White & Red Glass                      |
| Fixture Finish: NIC                              |
| Fixture Material: Metal                          |
| ELECTRICAL                                       |
| Number of Lamps: 1                               |
| Lamp Type: LED Retrofit                          |
| Lamp Shape: G25                                  |
| Bulb Included: Bulb Not Included                 |
| Total Output Wattage (W): 9                      |
| Max. Wattage Per Lamp (W): 9                     |
| Lamp Base: E26                                   |
| Input Voltage (V): 120                           |
| Upon Request: 277Vac / GU24                      |
| LED  |

LED

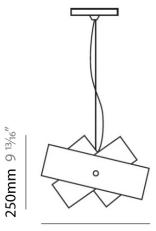
OPTICAL

#### RATINGS AND CERTIFICATIONS

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

| PROJECT  |  |  |  |
|----------|--|--|--|
| TYPE     |  |  |  |
| NOTES    |  |  |  |
| QUANTITY |  |  |  |
| DATE     |  |  |  |





300mm 11 <sup>13</sup>/16"

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## **TOURBILLON SUSPENSION**

## D81108

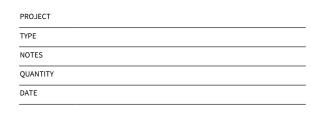
| GENERAL  |
|--|
| Series: Tourbillon                                 |
| Brand: Panzeri                                     |
| Division: Design                                   |
| Mounting Type: Suspension                          |
| Mounting Location: Ceiling                         |
| Subcategory: Pendant                               |
| PHYSICAL   |
| Shape: Abstract                                    |
| Diameter (mm): 300                                 |
| Diameter (in): 11 <sup>3</sup> / <sub>4</sub>      |
| Height (mm): 250                                   |
| Height (in): 9 $\frac{1}{8}$                       |
| Max. Overall Height (mm): 2250                     |
| Max. Overall Height (in): 88 $^{9}\!\!\!/_{_{16}}$ |
| Light Distribution: Omnidirectional                |
| Weight (kg): 4.09                                  |
| Weight (lbs): 9                                    |
| Diffuser: White & Orange Glass                     |
| Fixture Finish: NIC                                |
| Fixture Material: Metal                            |
| ELECTRICAL   |
| Number of Lamps: 1                                 |
| Lamp Type: LED Retrofit                            |
| Lamp Shape: G25                                    |
| Bulb Included: Bulb Not Included                   |
| Total Output Wattage (W): 9                        |
| Max. Wattage Per Lamp (W): 9                       |
| Lamp Base: E26                                     |
| Input Voltage (V): 120                             |
| Upon Request: 277Vac / GU24                        |
| LED  |

LED

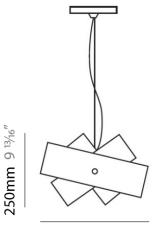
OPTICAL

### RATINGS AND CERTIFICATIONS

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







300mm 11 <sup>13</sup>/16"

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## LEGEND

| <b>↓</b>                         | floor-mounted  | ¥       | pivotable  | $\circledast$ | special LED (upon request) RGB, RGBW, tunable,<br>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                             | æ       | illuminate tilted  | Ø             | rechargeable battery powered   |
| $\rightarrow$                    | wall-mounted   | T       | color of suspension cable                                    | <u></u>       | fixture with natural vivid LED (upon request)  |
| Y                                | omni-directional light distribution                          |         | length of suspension cable                                   | CRI           | color rendering index  |
|                                  | direct light distribution                                    | Δ       | reflector degree selection                                   | €К            | color temperature  |
| X                                | direct/indirect light distribution                           | s s     | super spot   | LM            | lumen (luminous flux)  |
| $\mathbf{\overline{\mathbf{Y}}}$ | indirect light distribution                                  | *       | lens   | LM            | efficacy (lumens per watt)   |
|                                  | asymmetric light distribution                                | Ð       | lens pack  | UGR           | Unified Glare Rating (UGR) range from 5-40   |
| Ä                                | aura light distribution                                      | 0       | shine ring   | 318           | 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                               | Ð       | 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  |
| (++)                             | 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   |
| <b>↓</b>                         | 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)                            | (ه)           | acoustic material  |
|                                  | dimmable DP (phase), DV (0-10V), DD (dali), DS<br>(step-dim) |         | luminaire part to be colored (F5)                            |               | protection class l, protection insulation  |
| <u>с</u>                         | included or excluded LED driver/transformer/<br>control gear |         | color of 3-circuit adaptor                                   |               | protection class II, protection insulation   |
| У                                | 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)                                    | <u>ج</u>      | CSA Certified to UL and CSA Standards  |
| 2                                | available upon request                                       | U       | 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<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
| 1954 | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
| IP65 | protected against ingress of dust<br>protected against jets of water   |
| IP66 | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
| IP67 | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
| IP68 | protected against ingress of dust<br>protected against immersion of water under pressure for long periods  |
|      |  |

## **IK RATING**

| КОТ  | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)  |
|------|---|
| КО2  | 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) |
| КО4  | 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)     |
| КО9  | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)    |
| К10  | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)    |
|      |   |