

### **SERA SURFACE**

### D13027

### **GENERAL**

Series: Sera Division: Design Mounting Type: Surface

Mounting Location: Wall Subcategory: Ambient **PHYSICAL** Shape: Rectangle Length (mm): 254 Length (in): 10 Height (mm): 35 Height (in): 1  $\frac{3}{8}$ Extension (mm): 108 Extension (in): 4 1/4 Light Distribution: Direct / Indirect Weight (kg): 1.23 Weight (lbs): 2.7 Diffuser: Satin White Pyrex Glass Fixture Finish: ANA Fixture Material: Anodized Aluminum **ELECTRICAL** Number of Lamps: 1 Lamp Type: LED Retrofit / Halogen Bulb Included: Bulb Not Included Total Output Wattage (W): 18 / 100 Max. Wattage Per Lamp (W): 18 / 100 Lamp Base: RSC

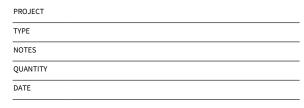
### Input Voltage (V): 120 LED

### OPTICAL

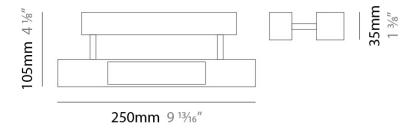
### **RATINGS AND CERTIFICATIONS**

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20











### **SERA SURFACE**

### D13028

### **GENERAL**

Series: Sera Division: Design Mounting Type: Surface Mounting Location: Wall Subcategory: Ambient

**PHYSICAL** Length (mm): 630 Length (in): 24 3/4 Width (mm): 35 Width (in): 1 1/2 Depth (mm): 105 Depth (in): 4 1/4 Extension (mm): 140 Extension (in): 5 Weight (kg): 3.2 Weight (lbs): 7 Diffuser: satin white pyrex glass Fixture Finish: ANA Fixture Material: Anodized Aluminum **ELECTRICAL** 

Number of Lamps: 2 Lamp Type: LED Retrofit / Halogen Bulb Included: Bulb Not Included Total Output Wattage (W): 36 / 200 Max. Wattage Per Lamp (W): 18 / 100 Lamp Base: R7s Input Voltage (V): 120

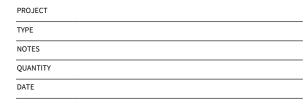
### LED

### OPTICAL

### **RATINGS AND CERTIFICATIONS**

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# **LEGEND**

| <u></u>       | floor-mounted  | ¥        | pivotable   | *          | special LED (upon request) RGB, RGBW, tunable,<br>gold+, meat+, art+, fashion+                 |
|---------------|--|----------|---|------------|--|
| 7             | wall and ceiling: recessed and surface mounted               | J        | rotating  | 0          | warm dim / natural dimming LED   |
| $\uparrow$    | ceiling-mounted and wall-mounted                             | æ        | illuminate tilted   | 0          | 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                                    |          | reflector degree selection                                      | (K)        | color temperature  |
| X             | direct/indirect light distribution                           | S        | super spot  | LM         | lumen (luminous flux)  |
| Y             | indirect light distribution                                  | *        | lens  | ₩          | efficacy (lumens per watt)   |
|               | asymmetric light distribution                                | 8        | lens pack   | UGR        | Unified Glare Rating (UGR) range from 5-40   |
|               | aura light distribution                                      | 0        | shine ring  | *          | marine grade (AISI 316 stainless steel)  |
| R             | round wall or ceiling cut-out                                | 0        | integrated shine ring with diffuser                             | 30         | walk on  |
| $\Box$        | square wall or ceiling cut-out                               |          | free individual colors 01-29                                    | <b>②</b>   | drive on   |
| 4             | the supplied jig specifies the cutout dimensions             | Ċ        | individual colors: 00 (free of charge), 01-25 (extra<br>charge) | DSC        | Dark Sky Compliance  |
| <b>d</b> *.*  | minimum distance (meters) lamp - object                      | •        | luminaire part to be colored (F1)                               | Ġ          | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| $\hat{\pm}$   | recessed depth   |          | luminaire part to be colored (F2)                               |            | lamp protected against explosion   |
| <u></u>       | ceiling thickness in mm                                      |          | luminaire part to be colored (F3)                               |            | blown glass using traditional methods by master glass blower                                   |
| 1             | ceiling thickness selection                                  |          | luminaire part to be colored (F4)                               | <b>♦</b> ® | 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/<br>control gear |          | color of 3-circuit adaptor                                      |            | protection class II, protection insulation   |
| ४             | separately switchable  | $\odot$  | indirect diffuser   |            | ETL Certified to UL and CSA Standards  |
| <b>9</b>      | sensor   | 0        | direct diffuser   | c∰.        | UL Certified to UL and CSA Standards   |
|               | remote control   | $\oplus$ | ball-proof (upon request)                                       | <b>(1)</b> | CSA Certified to UL and CSA Standards  |
| 9             | available upon request                                       | 0        | accessory   | <b>Z</b>   | 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) 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<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**

| protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)     |
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| protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)      |
| protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)    |
| protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)     |
| protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)     |
| protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)       |
| protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) $$     |
| protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)        |
| protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)       |
| protected against 20 joules impact (equivalent to $5.0 kg$ mass dropped from $400 mm$ above the surface) |
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