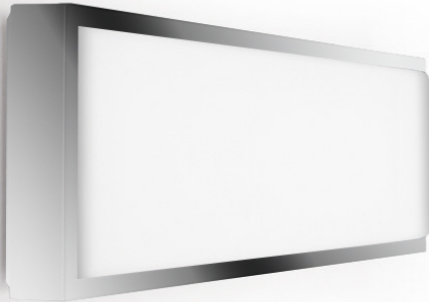


|          |  |
|----------|--|
| PROJECT  |  |
| TYPE     |  |
| NOTES    |  |
| QUANTITY |  |
| DATE     |  |

|   |
|---|
| GENERAL   |
| Series: Flat R                                      |
| Division: Design                                    |
| Mounting Type: Surface                              |
| Mounting Location: Ceiling                          |
| Subcategory: Ambient                                |
| PHYSICAL  |
| Shape: Rectangle                                    |
| Length (mm): 597                                    |
| Length (in): 23 1/2                                 |
| Width (mm): 222                                     |
| Width (in): 8 3/4                                   |
| Height (mm): 83                                     |
| Height (in): 3 1/4                                  |
| Extension (mm): 83                                  |
| Extension (in): 3 1/4                               |
| Light Distribution: Direct                          |
| Weight (kg): 2.73                                   |
| Weight (lbs): 6                                     |
| Diffuser: Opal White Satin Acrylic                  |
| Fixture Finish: Chrome                              |
| Fixture Material: Metal                             |
| ELECTRICAL  |
| Number of Lamps: 2                                  |
| Lamp Type: T5 Fluorescent                           |
| Bulb Included: Bulb Not Included                    |
| Total Output Wattage (W): 48                        |
| Max. Wattage Per Lamp (W): 24                       |
| Lamp Base: G5                                       |
| Dimming: Non-Dimmable                               |
| Driver Included: Yes                                |
| Driver Location: Integrated                         |
| Driver Type: Ballast - Universal                    |
| Driver Class: Class 2                               |
| Input Voltage (V): 120 - 277                        |
| Upon Request: Integral: Phase dimming / Lutron      |
| LED   |
| OPTICAL   |
| RATINGS AND CERTIFICATIONS                          |
| Certified By: CSA Certified to UL and CSA Standards |
| IP rating: IP20                                     |



83mm  
3 1/4"

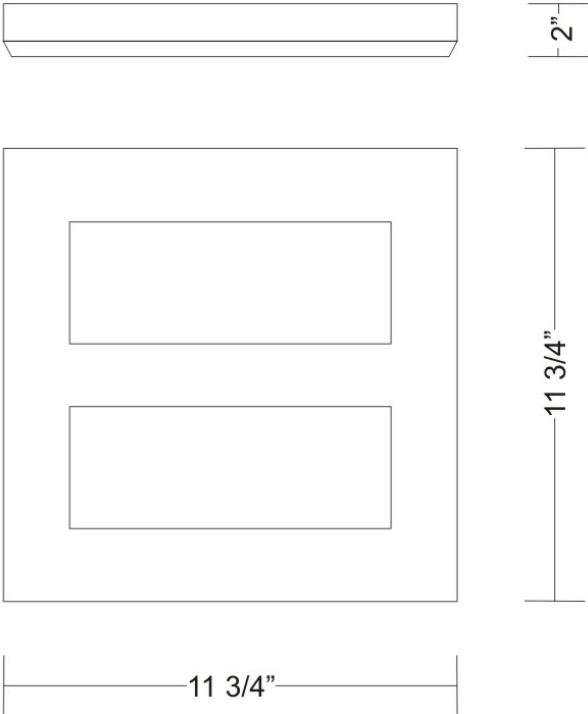


222mm  
8 3/4"

597mm 23 1/2"

|                            |  |
|----------------------------|--|
| GENERAL                    |  |
| Series:                    | Flat R   |
| Division:                  | Design   |
| Mounting Type:             | Surface  |
| Mounting Location:         | Ceiling  |
| PHYSICAL                   |  |
| Shape:                     | Rectangle  |
| Length (mm):               | 901  |
| Length (in):               | 35 1/2   |
| Width (mm):                | 222  |
| Width (in):                | 3 3/4  |
| Height (mm):               | 83   |
| Height (in):               | 3 1/4  |
| Extension (mm):            | 51   |
| Extension (in):            | 2.0  |
| Light Distribution:        | Downlight  |
| Weight (kg):               | 4.55   |
| Weight (lbs):              | 10   |
| Diffuser:                  | Opal White Satin Acrylic   |
| Fixture Finish:            | WHI  |
| Fixture Material:          | Aluminum   |
| ELECTRICAL                 |  |
| Number of Lamps:           | 2  |
| Lamp Type:                 | T5 Fluorescent   |
| Bulb Included:             | Bulb Not Included  |
| Total Output Wattage (W):  | 78   |
| Max. Wattage Per Lamp (W): | 39   |
| Lamp Base:                 | G5   |
| Dimming:                   | Phase Dimming (120Vac Only)                                      |
| Driver Included:           | Yes  |
| Driver Location:           | Integrated   |
| Driver Type:               | Ballast - Universal  |
| Input Voltage (V):         | 120 - 277  |
| Upon Request:              | (Not included - see components) Integral: Lutron (phase dimming) |
| LED                        |  |
| OPTICAL                    |  |
| RATINGS AND CERTIFICATIONS |  |
| Certified By:              | CSA Certified to UL and CSA Standards                            |
| IP rating:                 | IP20   |

|          |
|----------|
| PROJECT  |
| TYPE     |
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| 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

|   |  |
|---|--|
|  | protected against ingress of solid bodies greater than 12.5mm (finger)   |
|  | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>no protection against the ingress of moisture                               |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |
|  | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against water splashed from all directions                        |
|  | protected against limited ingress of dust (wet rooms/covered outdoor areas)<br>protected against water splashed from all directions              |
|  | protected against ingress of dust<br>protected against jets of water   |
|  | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |
|  | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |
|  | 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)  |
|  | 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 5.0kg mass dropped from 400mm above the surface)    |