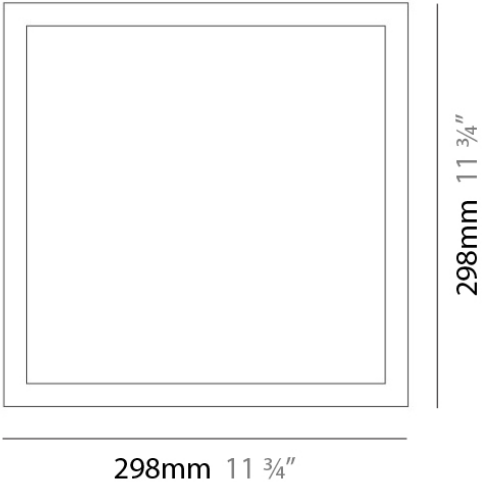


|          |  |
|----------|--|
| PROJECT  |  |
| TYPE     |  |
| NOTES    |  |
| QUANTITY |  |
| DATE     |  |

|                                                     |
|-----------------------------------------------------|
| GENERAL                                             |
| Series: Flat                                        |
| Division: Design                                    |
| Mounting Type: Surface                              |
| Mounting Location: Ceiling                          |
| Subcategory: Ambient                                |
| PHYSICAL                                            |
| Shape: Square                                       |
| Length (mm): 298                                    |
| Length (in): 11 3/4                                 |
| Width (mm): 298                                     |
| Width (in): 11 3/4                                  |
| Height (mm): 80                                     |
| Height (in): 3 1/8                                  |
| Extension (mm): 80                                  |
| Extension (in): 3 1/8                               |
| Light Distribution: Direct                          |
| Weight (kg): 2.26                                   |
| Weight (lbs): 5                                     |
| Diffuser: Opal White Satin Acrylic                  |
| Fixture Finish: WHI                                 |
| Fixture Material: Metal                             |
| ELECTRICAL                                          |
| Number of Lamps: 2                                  |
| Lamp Type: LED Retrofit / CFL                       |
| Bulb Included: Bulb Not Included                    |
| Total Output Wattage (W): 20 / 36                   |
| Max. Wattage Per Lamp (W): 10 / 18                  |
| Lamp Base: 2G11                                     |
| Driver Included: Yes                                |
| Driver Location: Integrated                         |
| Driver Type: Ballast - Universal                    |
| Input Voltage (V): 120 - 277                        |
| Lamp Voltage (V): 120                               |
| LED                                                 |
| OPTICAL                                             |
| RATINGS AND CERTIFICATIONS                          |
| Certified By: CSA Certified to UL and CSA Standards |
| IP rating: IP20                                     |

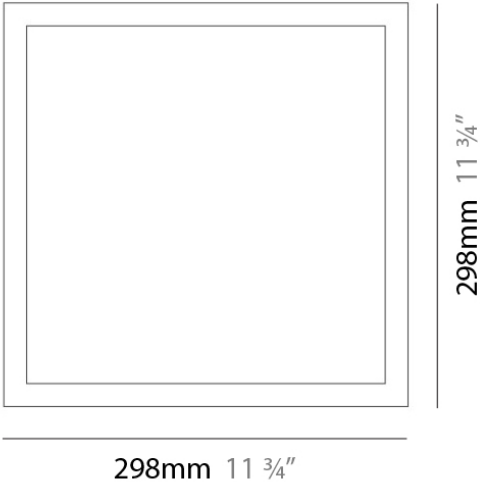


FLAT SURFACE

D12050

|                                                     |  |
|-----------------------------------------------------|--|
| GENERAL                                             |  |
| Series: Flat                                        |  |
| Division: Design                                    |  |
| Mounting Type: Surface                              |  |
| Mounting Location: Ceiling                          |  |
| Subcategory: Ambient                                |  |
| PHYSICAL                                            |  |
| Shape: Square                                       |  |
| Length (mm): 298                                    |  |
| Length (in): 11 3⁄4                                 |  |
| Width (mm): 298                                     |  |
| Width (in): 11 3⁄4                                  |  |
| Height (mm): 80                                     |  |
| Height (in): 3 1⁄8                                  |  |
| Extension (mm): 80                                  |  |
| Extension (in): 3 1⁄8                               |  |
| Light Distribution: Direct                          |  |
| Weight (kg): 2.26                                   |  |
| Weight (lbs): 5                                     |  |
| Diffuser: Opal White Satin Acrylic                  |  |
| Fixture Finish: Chrome                              |  |
| Fixture Material: Metal                             |  |
| ELECTRICAL                                          |  |
| Number of Lamps: 2                                  |  |
| Lamp Type: LED Retrofit / CFL                       |  |
| Bulb Included: Bulb Not Included                    |  |
| Total Output Wattage (W): 26 / 36                   |  |
| Max. Wattage Per Lamp (W): 13 / 18                  |  |
| Lamp Base: 2G11                                     |  |
| Driver Included: Yes                                |  |
| Driver Location: Integrated                         |  |
| Driver Type: Ballast - Universal                    |  |
| Input Voltage (V): 120 - 277                        |  |
| Lamp Voltage (V): 120                               |  |
| LED                                                 |  |
| OPTICAL                                             |  |
| RATINGS AND CERTIFICATIONS                          |  |
| Certified By: CSA Certified to UL and CSA Standards |  |
| IP rating: IP20                                     |  |

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



FLAT SURFACE

D12060

GENERAL

|                            |
|----------------------------|
| Series: Flat               |
| Division: Design           |
| Mounting Type: Surface     |
| Mounting Location: Ceiling |
| Subcategory: Ambient       |

PHYSICAL

|                                    |
|------------------------------------|
| Shape: Rectangle                   |
| Length (mm): 597                   |
| Length (in): 23 ½                  |
| Width (mm): 222                    |
| Width (in): 8 ¾                    |
| Height (mm): 83                    |
| Height (in): 3 ¼                   |
| Extension (mm): 83                 |
| Extension (in): 3 ¼                |
| Light Distribution: Direct         |
| Weight (kg): 2.73                  |
| Weight (lbs): 6                    |
| 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): 48                                                   |
| Max. Wattage Per Lamp (W): 24                                                  |
| 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: Phase dimming / Lutron |

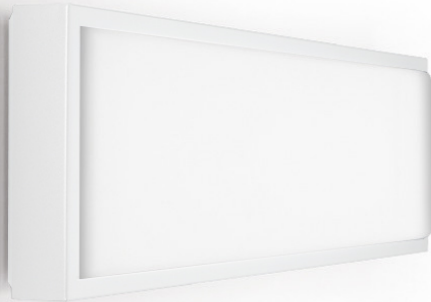
LED

OPTICAL

RATINGS AND CERTIFICATIONS

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

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



83mm  
3 ¼"



222mm  
8 ¾"

597mm 23 ½"

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

**GENERAL**

Series: Flat

Division: Design

Mounting Type: Surface

Mounting Location: Ceiling

Subcategory: Ambient

**PHYSICAL**

Shape: Rectangle

Length (mm): 597

Length (in): 23 ½

Width (mm): 222

Width (in): 8 ¾

Height (mm): 83

Height (in): 3 ¼

Extension (mm): 83

Extension (in): 3 ¼

Weight (kg): 2.73

Weight (lbs): 6

Diffuser: Opal White Satin Acrylic

Fixture Finish: NIC

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: 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: Phase dimming / Lutron

**LED**

**OPTICAL**

**RATINGS AND CERTIFICATIONS**

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



83mm  
3 ¼"



222mm  
8 ¾"

597mm 23 ½"



**GENERAL**  
Series: Flat  
Brand: Panzeri  
Division: Design  
Mounting Type: Suspension  
Mounting Location: Ceiling  
Subcategory: Ambient

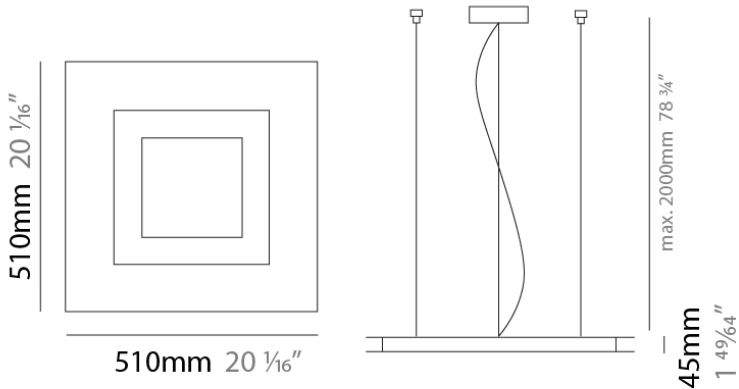
**PHYSICAL**  
Shape: Square  
Length (mm): 510  
Length (in): 20 1/16  
Width (mm): 510  
Width (in): 20 1/16  
Height (mm): 45  
Height (in): 1 3/4  
Max. Overall Height (mm): 2510  
Max. Overall Height (in): 98 13/16  
Light Distribution: Direct / Indirect  
Weight (kg): 7.21  
Weight (lbs): 15.89  
Diffuser: White Blown Glass  
Fixture Material: Metal

**ELECTRICAL**  
Lamp Type: LED  
Input Wattage (W): 61  
Total Output Wattage (W): 57.5  
Max. Wattage Per Lamp (W): 46 / 11.5  
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

**LED**  
Color Temperature (°K): 3000  
Max. Delivered Lumen (lm): 4077  
Nominal Lumen (lm): 4800lm down+1200lm up  
CRI: >80 CRI  
Lamp Life (hrs): 60000

**OPTICAL**  
**RATINGS AND CERTIFICATIONS**  
Certified By: CSA Certified to UL and CSA Standards  
IP rating: IP40

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

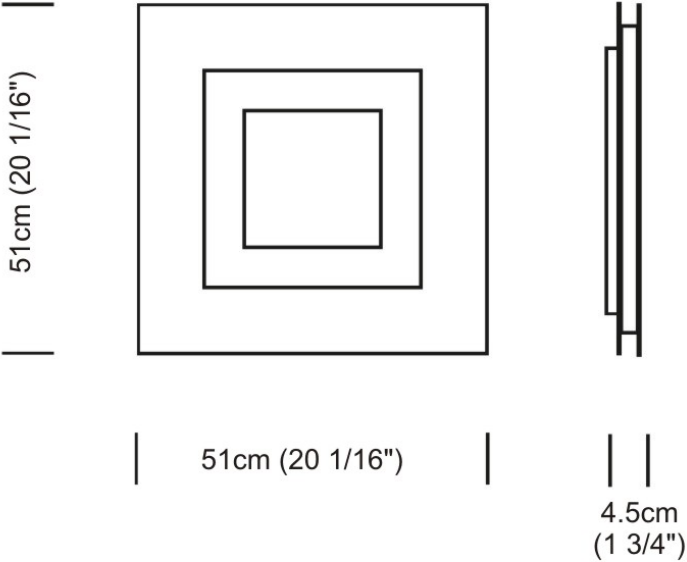


FLAT SURFACE

D82230-WHI

|                                                                    |  |
|--------------------------------------------------------------------|--|
| GENERAL                                                            |  |
| Series: Flat                                                       |  |
| Brand: Panzeri                                                     |  |
| Division: Design                                                   |  |
| Mounting Type: Surface                                             |  |
| Mounting Location: Ceiling                                         |  |
| Subcategory: Ambient                                               |  |
| PHYSICAL                                                           |  |
| Shape: Square                                                      |  |
| Length (mm): 510                                                   |  |
| Length (in): 20 1⁄16                                               |  |
| Width (mm): 510                                                    |  |
| Width (in): 20 1⁄16                                                |  |
| Height (mm): 45                                                    |  |
| Height (in): 1 3⁄4                                                 |  |
| Light Distribution: Direct / Indirect                              |  |
| Weight (kg): 5.236                                                 |  |
| Weight (lbs): 11.54                                                |  |
| Diffuser: Polycarbonate - Opal                                     |  |
| Fixture Material: Metal                                            |  |
| ELECTRICAL                                                         |  |
| Input Wattage Range: 30 - 49 W                                     |  |
| Lamp Type: LED                                                     |  |
| Input Wattage (W): 48                                              |  |
| Total Output Wattage (W): 46                                       |  |
| Dimming: Non-Dimming / Phase Dimming (120Vac only) / 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): 350                                         |  |
| LED                                                                |  |
| Color Temperature (°K): 3000                                       |  |
| Max. Delivered Lumen (lm): 3202                                    |  |
| Nominal Lumen (lm): 5700                                           |  |
| CRI: >80 CRI                                                       |  |
| Efficiency (%): 56.175%                                            |  |
| Lamp Life (hrs): 70000                                             |  |
| OPTICAL                                                            |  |
| RATINGS AND CERTIFICATIONS                                         |  |
| Certified By: CSA Certified to UL and CSA Standards                |  |
| IP rating: IP40                                                    |  |

|          |  |
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| 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                                                                              |
|  | dimmmable 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)    |