## **FLAT SURFACE**

## D12047

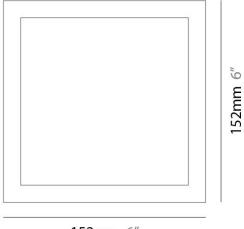
GENERAL
Series: Flat
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Square
Length (mm): 152
Length (in): 6.0
Width (mm): 152
Width (in): 6.0
Height (mm): 76
Height (in): 3.0
Extension (mm): 76
Extension (in): 3.0
Light Distribution: Direct
Weight (lbs): 2
Diffuser: Opal White Satin Acrylic
Fixture Finish: Chrome
Fixture Material: Metal
ELECTRICAL
Number of Lamps: 1
Lamp Type: CFL
Bulb Included: Bulb Not Included
Total Output Wattage (W): 13
Max. Wattage Per Lamp (W): 13
Lamp Base: GX23-2
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Ballast - Universal
Input Voltage (V): 120 - 277



### LED OPTICAL

#### RATINGS AND CERTIFICATIONS

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



152mm 6"

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PROJECT			
TYPE			
NOTES			
QUANTITY			
DATE			



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D

## **FLAT SURFACE**

## D12048

GENERAL
Series: Flat
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Square
Length (mm): 298
Length (in): 11 $\frac{3}{4}$
Width (mm): 298
Width (in): 11 $\frac{3}{4}$
Height (mm): 80
Height (in): $3\frac{1}{8}$
Extension (mm): 80
Extension (in): 3 <sup>1</sup> / <sub>8</sub>
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

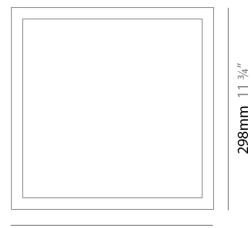
#### **RATINGS AND CERTIFICATIONS**

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









298mm 11 3/4"

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## **FLAT SURFACE**

## D12050

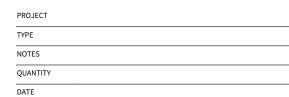
GENERALSeries: FlatDivision: DesignMounting Type: SurfaceMounting Location: CeilingSubcategory: AmbientPHYSICALShape: SquareLength (im): 298Length (in): 11 $\frac{3}{4}$ Width (mm): 298Width (in): 11 $\frac{3}{4}$ Width (in): 13 $\frac{1}{8}$ Extension (mm): 80Extension (mm): 80Extension (in): 3 $\frac{1}{8}$ Light Distribution: DirectWeight (kg): 2.26Weight (kg): 5Diffuser: Opal White Satin AcrylicFixture Finish: ChromeFixture Finish: ChromeFixture Material: MetalELECTRICALNumber of Lamps: 2Lamp Type: LED Retrofit / CFLBulb Included: Bulb Not Included
Division: Design Mounting Type: Surface Mounting Location: Ceiling Subcategory: Ambient PHYSICAL Shape: Square Length (mm): 298 Length (in): $11\frac{3}{4}$ Width (mm): 298 Width (mm): 298 Width (in): $11\frac{3}{4}$ Height (mm): 80 Height (in): $3\frac{1}{5}$ Extension (mm): 80 Extension (in): $3\frac{1}{5}$ Extension (in): $3\frac{1}{5}$ Light Distribution: Direct Weight (kg): 2.26 Weight (kg): 2.26 Weight (kg): 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
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Extension (mm): 80 Extension (in): 3 <sup>1</sup> / <sub>8</sub> 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
Extension (in): 3 <sup>1</sup> / <sub>8</sub> 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
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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
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ELECTRICAL Number of Lamps: 2 Lamp Type: LED Retrofit / CFL Bulb Included: Bulb Not Included
Number of Lamps: 2 Lamp Type: LED Retrofit / CFL Bulb Included: Bulb Not Included
Lamp Type: LED Retrofit / CFL Bulb Included: Bulb Not Included
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

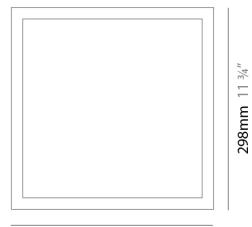
#### **RATINGS AND CERTIFICATIONS**

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









298mm 11 3/4"

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D

## **FLAT SURFACE**

### D12060

GENERAL Series: Flat **Division: Design** Mounting Type: Surface

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PE		
OJECT		

### Mounting Location: Ceiling Subcategory: Ambient PHYSICAL Shape: Rectangle Length (mm): 597 Length (in): 23 $^{1}\!\!/_{\!\!2}$ Width (mm): 222 Width (in): 8 <sup>3</sup>/<sub>4</sub> Height (mm): 83 Height (in): $3\frac{1}{4}$ Extension (mm): 83 Extension (in): 3 <sup>1</sup>/<sub>4</sub> 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

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597mm 23 1/2"

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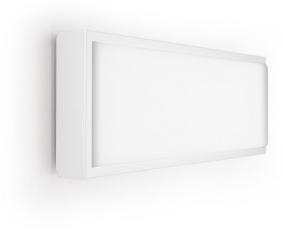
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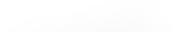
September 26, 2024, 3:10 am

**83mm** 3 ¼″





PR





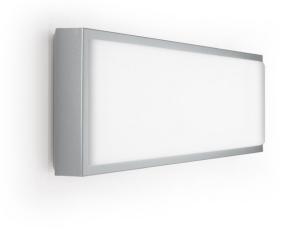
# **ZANEEN**<sub>®</sub>

## **FLAT SURFACE**

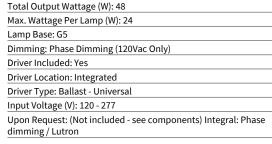
## D1

D12061	
GENERAL	
Series: Flat	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Rectangle	
Length (mm): 597	
Length (in): 23 <sup>1</sup> / <sub>2</sub>	
Width (mm): 222	
Width (in): 8 <sup>3</sup> / <sub>4</sub>	
Height (mm): 83	
Height (in): 3 ¼	
Extension (mm): 83	
Extension (in): 3 <sup>1</sup> / <sub>4</sub>	
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	

DATE			
QUANTITY			
NOTES			
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PROJECT			







### LED

OPTICAL

### **RATINGS AND CERTIFICATIONS**

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



597mm 23 1/2"

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**83mm** 3 ¼″

## **FLAT SUSPENSION**

### D81429-WHI

Series: Flat	
Brand: Panzeri	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Square	
Length (mm): 510	
Length (in): 20 <sup>1</sup> / <sub>16</sub>	
Width (mm): 510	
Width (in): 20 $\frac{1}{16}$	
Height (mm): 45	
Height (in): $1\frac{3}{4}$	
Max. Overall Height (mm): 2510	
Max. Overall Height (in): 98 <sup>13</sup> / <sub>16</sub>	
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 D only) and 0-10V Dimming)	Dimming (120Vac
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	

Max. Delivered Lumen (lm): 4077	
Nominal Lumen (lm): 4800lm down+1200lm up	
CRI: >80 CRI	
Lamp Life (hrs): 60000	

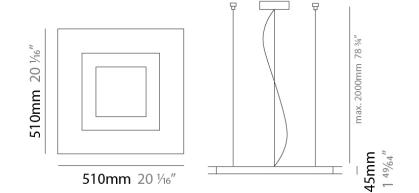
### OPTICAL

#### RATINGS AND CERTIFICATIONS

	Certified By: CSA Certified to UL and CSA Standards
IP rating: IP40	IP rating: IP40

PROJECT		
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D

Page 6/8

## **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 <sup>1</sup> / <sub>16</sub>
Width (mm): 510
Width (in): 20 <sup>1</sup> / <sub>16</sub>
Height (mm): 45
Height (in): $1\frac{3}{4}$
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

#### LED

Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 3202
Nominal Lumen (lm): 5700
CRI: >80 CRI
Efficiency (%): 56.175%
Lamp Life (hrs): 70000

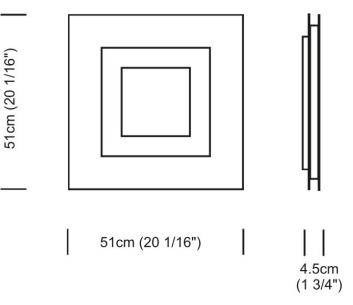
### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards	
IP rating: IP40	

PROJECT		
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QUANTITY		
DATE		





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D

## LEGEND

<b>↓</b>	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	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)
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 (step-dim)		luminaire part to be colored (F5)		protection class l, protection insulation
<u>с</u>	included or excluded LED driver/transformer/ 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 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
1954	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**

КОТ	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)
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)