# **ZANEEN**<sub>®</sub>

## **FLAT SURFACE**

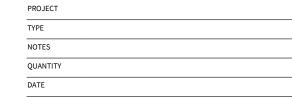
## D12048

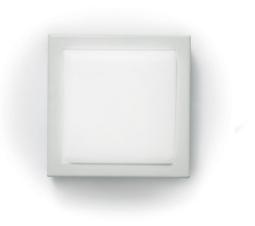
GENERAL
Series: Flat
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Square
Length (mm): 298
Length (in): 11 <sup>3</sup> / <sub>4</sub>
Width (mm): 298
Width (in): 11 <sup>3</sup> / <sub>4</sub>
Height (mm): 80
Height (in): $3\frac{1}{8}$
Extension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

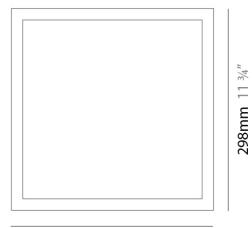
## **RATINGS AND CERTIFICATIONS**

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









298mm 11 3/4"

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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com. In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

# ZANEEN.

## **FLAT SURFACE**

## D12050

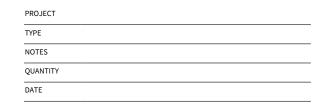
GENERAL	
Series: Flat	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Square	
Length (mm): 298	
Length (in): 11 <sup>3</sup> / <sub>4</sub>	
Width (mm): 298	
Width (in): 11 <sup>3</sup> / <sub>4</sub>	
Height (mm): 80	
Height (in): 3 <sup>1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

Lamp Voltage (V): 120

## LED OPTICAL

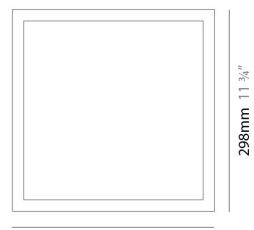
**RATINGS AND CERTIFICATIONS** 

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









298mm 11 3/4"

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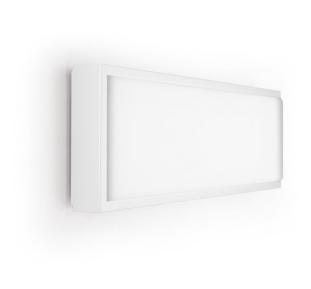
## **FLAT SURFACE**

## D12060

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

PHYSICALShape: RectangleLength (mm): 597Length (in): 23  $\frac{1}{2}$ Width (in): 222Width (in): 8  $\frac{3}{4}$ Height (mm): 83Height (in): 3  $\frac{1}{4}$ Extension (mm): 83Extension (in): 3  $\frac{1}{4}$ Light Distribution: DirectWeight (kg): 2.73Weight (lbs): 6

PROJECT		
TYPE		
NOTES		
QUANTITY		



DATE

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: Phas dimming / Lutron



#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

Diffuser: Opal White Satin Acrylic

Fixture Finish: WHI Fixture Material: Aluminum

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





597mm 23 1/2"

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# **ZANEEN**<sub>®</sub>

## **FLAT SURFACE**

## D12061

GENERAL	
Series: Flat	
Division: Desig	 gn
Mounting Typ	e: Surface
Mounting Loc	
Subcategory:	Ambient
PHYSICAL	
Shape: Rectar	ngle
Length (mm):	597
Length (in): 23	3 1/2
Width (mm): 2	222
Width (in): 8 <sup>3</sup> / <sub>2</sub>	4
Height (mm):	83
Height (in): 3	/_
Extension (mr	n): 83
Extension (in)	:3¼
Weight (kg): 2	
Weight (lbs): 6	
	White Satin Acrylic
Fixture Finish	NIC
Fixture Materi	al: Metal
ELECTRICAL	
Number of La	mps: 2
Lamp Type: T	5 Fluorescent
Bulb Included	l: Bulb Not Included
Total Output	Wattage (W): 48
Max. Wattage	Per Lamp (W): 24
Lamp Base: G	5
Dimming: Pha	ase Dimming (120Vac Only)
Driver Include	ed: Yes
Driver Locatio	in: Integrated
Driver Type: B	Ballast - Universal
Input Voltage	(V): 120 - 277
Upon Request dimming / Lut	t: (Not included - see components) Integral: Phase tron

### LED

OPTICAL

### RATINGS AND CERTIFICATIONS

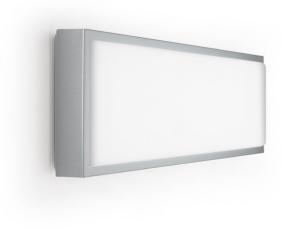
Certified By: CSA Certified to UL and CSA Standards IP rating: IP20



597mm 23 1/2"

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PROJECT	
TYPE	
IOTES	
QUANTITY	
DATE	





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**83mm** 3 <sup>1</sup>/<sub>4</sub>"

# 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)
$\mathbf{\overline{\mathbf{Y}}}$	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 (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	0	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)
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)