# ZANEEN.

## **DUPLEX SUSPENSION**

#### D21025

GENERAL
Series: Duplex
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 930
Length (in): 36 <sup>5</sup> ∕ <sub>8</sub>
Width (mm): 100
Width (in): 3 <sup>15</sup> / <sub>16</sub>
Max. Overall Height (mm): 1300
Max. Overall Height (in): $51\frac{3}{16}$
Light Distribution: Direct / Indirect
Weight (kg): 3.6
Weight (lbs): 8
Diffuser: White Glass
Fixture Finish: Light Gray
Fixture Material: Glass / 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: Non-Dimmable
Driver Included: Yes
Input Voltage (V): 120
Lamp Voltage (V): 120
LED

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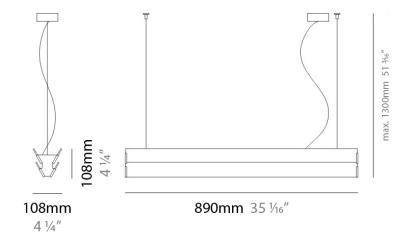
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
NOTES			
QUANTITY			
DATE			





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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

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# **ZANEEN**.

## **DUPLEX SURFACE**

#### D23048

Series: Duplex Division: Design Mounting Type: Surface Mounting Location: Wall Subcategory: Ambient PHYSICAL Shape: Rectangle Length (mm): 310 Length (in): $12\frac{3}{1_{6}}$ Height (mm): 115 Height (in): $4\frac{1}{2}$ Extension (mm): 100 Extension (in): $3\frac{15}{1_{16}}$ Light Distribution: Indirect Weight (kg): 2.04 Weight (kg): 2.04 Weight (kg): 2.04 Weight (lbs): 4.5 Diffuser: White Glass Fixture Finish: Light Gray Fixture Material: Glass / Aluminum ELECTRICAL Number of Lamps: 1 Lamp Type: LED Retrofit Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable Input Voltage (V): 120	GENERAL
Division: DesignMounting Type: SurfaceMounting Location: WallSubcategory: AmbientPHYSICALShape: RectangleLength (mm): 310Length (in): $12^{\frac{3}{16}}$ Height (mm): 115Height (in): $4^{\frac{1}{2}}$ Extension (mm): 100Extension (in): $3^{\frac{15}{16}}$ Light Distribution: IndirectWeight (kg): $2.04$ Weight (kg): $2.04$ Weight (lb): $4.5$ Diffuser: White GlassFixture Finish: Light GrayFixture Material: Glass / AluminumELECTRICALNumber of Lamps: 1Lamp Type: LED RetrofitLamp Shape: T3Bulb Included: Bulb Not IncludedTotal Output Wattage (W): 150Max. Wattage Per Lamp (W): 150Lamp Base: RSCDimming: Non-Dimmable	
Mounting Type: SurfaceMounting Location: WallSubcategory: AmbientPHYSICALShape: RectangleLength (mm): 310Length (in): $12\frac{3}{16}$ Height (mm): 115Height (in): $4\frac{1}{2}$ Extension (mm): 100Extension (in): $3\frac{15}{16}$ Light Distribution: IndirectWeight (kg): 2.04Weight (lbs): 4.5Diffuser: White GlassFixture Finish: Light GrayFixture Material: Glass / AluminumELECTRICALNumber of Lamps: 1Lamp Type: LED RetrofitLamp Shape: T3Bulb Included: Bulb Not IncludedTotal Output Wattage (W): 150Max. Wattage Per Lamp (W): 150Lamp Base: RSCDimming: Non-Dimmable	
Mounting Location: Wall         Subcategory: Ambient         PHYSICAL         Shape: Rectangle         Length (mm): 310         Length (in): 12 $\frac{3}{16}$ Height (mm): 115         Height (in): 4 $\frac{1}{2}$ Extension (mm): 100         Extension (in): 3 $\frac{15}{16}$ Light Distribution: Indirect         Weight (kg): 2.04         Weight (lbs): 4.5         Diffuser: White Glass         Fixture Finish: Light Gray         Fixture Material: Glass / Aluminum         ELECTRICAL         Number of Lamps: 1         Lamp Type: LED Retrofit         Lamp Shape: T3         Bulb Included: Bulb Not Included         Total Output Wattage (W): 150         Lamp Base: RSC         Dimming: Non-Dimmable	
Subcategory: Ambient PHYSICAL Shape: Rectangle Length (mm): 310 Length (in): 12 $\frac{3}{16}$ Height (mm): 115 Height (mm): 115 Height (in): 4 $\frac{1}{2}$ Extension (mm): 100 Extension (mm): 100 Extension (in): 3 $\frac{15}{16}$ Light Distribution: Indirect Weight (kg): 2.04 Weight (kg): 2.04 Weight (lbs): 4.5 Diffuser: White Glass Fixture Finish: Light Gray Fixture Material: Glass / Aluminum ELECTRICAL Number of Lamps: 1 Lamp Type: LED Retrofit Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	
PHYSICALShape: RectangleLength (mm): 310Length (in): $12 \frac{3}{16}$ Height (mm): 115Height (in): $4 \frac{1}{2}$ Extension (mm): 100Extension (mm): 100Extension (in): $3 \frac{15}{16}$ Light Distribution: IndirectWeight (kg): 2.04Weight (lbs): 4.5Diffuser: White GlassFixture Finish: Light GrayFixture Material: Glass / AluminumELECTRICALNumber of Lamps: 1Lamp Type: LED RetrofitLamp Shape: T3Bulb Included: Bulb Not IncludedTotal Output Wattage (W): 150Lamp Base: RSCDimming: Non-Dimmable	
Shape: Rectangle Length (mm): 310 Length (in): $12\frac{3}{16}$ Height (mm): 115 Height (in): $4\frac{1}{2}$ Extension (mm): 100 Extension (in): $3\frac{15}{16}$ Light Distribution: Indirect Weight (kg): 2.04 Weight (kg): 2.04 Weight (lbs): 4.5 Diffuser: White Glass Fixture Finish: Light Gray Fixture Material: Glass / Aluminum <b>ELECTRICAL</b> Number of Lamps: 1 Lamp Type: LED Retrofit Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	Subcategory: Ambient
Length (mm): 310 Length (in): $12\frac{3}{1_{16}}$ Height (mm): 115 Height (in): $4\frac{1}{2}$ Extension (mm): 100 Extension (in): $3\frac{15}{1_{16}}$ Light Distribution: Indirect Weight (kg): 2.04 Weight (kg): 2.04 Weight (kg): 2.04 Weight (lbs): 4.5 Diffuser: White Glass Fixture Finish: Light Gray Fixture Material: Glass / Aluminum <b>ELECTRICAL</b> Number of Lamps: 1 Lamp Type: LED Retrofit Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	PHYSICAL
Length (in): $12\frac{3}{1_{16}}$ Height (in): $1\frac{3}{1_{2}}$ Height (in): $4\frac{1}{2}$ Extension (mm): 100Extension (in): $3\frac{15}{1_{16}}$ Light Distribution: IndirectWeight (kg): 2.04Weight (lbs): 4.5Diffuser: White GlassFixture Finish: Light GrayFixture Material: Glass / Aluminum <b>ELECTRICAL</b> Number of Lamps: 1Lamp Type: LED RetrofitLamp Shape: T3Bulb Included: Bulb Not IncludedTotal Output Wattage (W): 150Lamp Base: RSCDimming: Non-Dimmable	Shape: Rectangle
Height (mm): 115         Height (in): 4 <sup>1</sup> / <sub>2</sub> Extension (mm): 100         Extension (in): 3 <sup>15</sup> / <sub>16</sub> Light Distribution: Indirect         Weight (kg): 2.04         Weight (kg): 2.04         Weight (lbs): 4.5         Diffuser: White Glass         Fixture Finish: Light Gray         Fixture Material: Glass / Aluminum         ELECTRICAL         Number of Lamps: 1         Lamp Type: LED Retrofit         Lamp Shape: T3         Bulb Included: Bulb Not Included         Total Output Wattage (W): 150         Lamp Base: RSC         Dimming: Non-Dimmable	Length (mm): 310
Height (in): $4 \frac{1}{2}$ Extension (mm): 100Extension (in): $3 \frac{15}{16}$ Light Distribution: IndirectWeight (kg): 2.04Weight (lbs): 4.5Diffuser: White GlassFixture Finish: Light GrayFixture Material: Glass / Aluminum <b>ELECTRICAL</b> Number of Lamps: 1Lamp Type: LED RetrofitLamp Shape: T3Bulb Included: Bulb Not IncludedTotal Output Wattage (W): 150Lamp Base: RSCDimming: Non-Dimmable	Length (in): 12 $\frac{3}{16}$
Extension (mm): 100Extension (in): $3 \frac{15}{16}$ Light Distribution: IndirectWeight (kg): 2.04Weight (lbs): 4.5Diffuser: White GlassFixture Finish: Light GrayFixture Material: Glass / Aluminum <b>ELECTRICAL</b> Number of Lamps: 1Lamp Type: LED RetrofitLamp Shape: T3Bulb Included: Bulb Not IncludedTotal Output Wattage (W): 150Lamp Base: RSCDimming: Non-Dimmable	Height (mm): 115
Extension (in): 3 <sup>15</sup> / <sub>16</sub> Light Distribution: Indirect Weight (kg): 2.04 Weight (lbs): 4.5 Diffuser: White Glass Fixture Finish: Light Gray Fixture Material: Glass / Aluminum <b>ELECTRICAL</b> Number of Lamps: 1 Lamp Type: LED Retrofit Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	Height (in): 4 1/2
Light Distribution: Indirect Weight (kg): 2.04 Weight (lbs): 4.5 Diffuser: White Glass Fixture Finish: Light Gray Fixture Material: Glass / Aluminum <b>ELECTRICAL</b> Number of Lamps: 1 Lamp Type: LED Retrofit Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	Extension (mm): 100
Weight (kg): 2.04         Weight (lbs): 4.5         Diffuser: White Glass         Fixture Finish: Light Gray         Fixture Material: Glass / Aluminum         ELECTRICAL         Number of Lamps: 1         Lamp Type: LED Retrofit         Lamp Shape: T3         Bulb Included: Bulb Not Included         Total Output Wattage (W): 150         Max. Wattage Per Lamp (W): 150         Lamp Base: RSC         Dimming: Non-Dimmable	Extension (in): 3 <sup>15</sup> / <sub>16</sub>
Weight (lbs): 4.5         Diffuser: White Glass         Fixture Finish: Light Gray         Fixture Material: Glass / Aluminum         ELECTRICAL         Number of Lamps: 1         Lamp Type: LED Retrofit         Lamp Shape: T3         Bulb Included: Bulb Not Included         Total Output Wattage (W): 150         Max. Wattage Per Lamp (W): 150         Lamp Base: RSC         Dimming: Non-Dimmable	Light Distribution: Indirect
Diffuser: White Glass Fixture Finish: Light Gray Fixture Material: Glass / Aluminum ELECTRICAL Number of Lamps: 1 Lamp Type: LED Retrofit Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	Weight (kg): 2.04
Fixture Finish: Light Gray Fixture Material: Glass / Aluminum ELECTRICAL Number of Lamps: 1 Lamp Type: LED Retrofit Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	Weight (lbs): 4.5
Fixture Material: Glass / Aluminum  ELECTRICAL Number of Lamps: 1 Lamp Type: LED Retrofit Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	Diffuser: White Glass
ELECTRICAL Number of Lamps: 1 Lamp Type: LED Retrofit Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	Fixture Finish: Light Gray
Number of Lamps: 1         Lamp Type: LED Retrofit         Lamp Shape: T3         Bulb Included: Bulb Not Included         Total Output Wattage (W): 150         Max. Wattage Per Lamp (W): 150         Lamp Base: RSC         Dimming: Non-Dimmable	Fixture Material: Glass / Aluminum
Lamp Type: LED Retrofit Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	ELECTRICAL
Lamp Shape: T3 Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	Number of Lamps: 1
Bulb Included: Bulb Not Included Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	Lamp Type: LED Retrofit
Total Output Wattage (W): 150 Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	Lamp Shape: T3
Max. Wattage Per Lamp (W): 150 Lamp Base: RSC Dimming: Non-Dimmable	Bulb Included: Bulb Not Included
Lamp Base: RSC Dimming: Non-Dimmable	Total Output Wattage (W): 150
Dimming: Non-Dimmable	Max. Wattage Per Lamp (W): 150
	Lamp Base: RSC
Input Voltage (V): 120	Dimming: Non-Dimmable
	Input Voltage (V): 120

#### LED

OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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



PROJECT		
ТҮРЕ		
NOTES		
QUANTITY		
DATE		







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## 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	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)
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)