#### **DAU SURFACE**

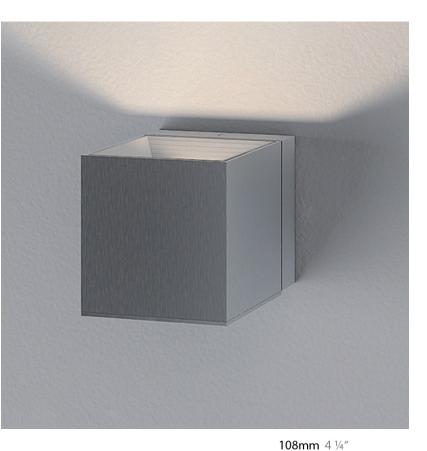
### D93146

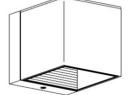
GENERAL
Series: Dau
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Wall
PHYSICAL
Shape: Cube
Length (mm): 110
Length (in): $4\frac{1}{16}$
Height (mm): 110
Height (in): $4\frac{5}{16}$
Extension (mm): 101
Extension (in): 4.0
Weight (kg): 0.91
Weight (lbs): 2
Fixture Finish: SST
Fixture Material: Metal
ELECTRICAL
Number of Lamps: 1
Lamp Type: LED
Max. Wattage Per Lamp (W): 4
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120
LED
Number of LEDs: 1
Color Temperature (°K): 2700 / 2900
Nominal Lumen (lm): 300
CRI: >80 CRI
OPTICAL
RATINGS AND CERTIFICATIONS

#### RATINGS AND CERTIFICATIONS

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

PROJECT
ТҮРЕ
NOTES
QUANTITY
DATE







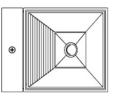
J-Box cover plate Included

#### 80mm 3 1/8"



D





101mm 4"

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#### **DAU SURFACE**

### D93148

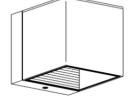
GENERAL
Series: Dau
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Up/Down Light
PHYSICAL
Shape: Cube
Length (mm): 110
Length (in): 4 <sup>5</sup> / <sub>16</sub>
Height (mm): 110
Height (in): 4 <sup>5</sup> / <sub>16</sub>
Extension (mm): 101
Extension (in): 4.0
Weight (kg): 0.91
Weight (lbs): 2
Fixture Finish: SST
Fixture Material: Metal
ELECTRICAL
Number of Lamps: 2
Lamp Type: LED
Total Output Wattage (W): 8
Max. Wattage Per Lamp (W): 4
Dimming: Electronic Low Voltage Dimming
Driver Type: operates without a driver
Input Voltage (V): 120
LED
Delivered Lumen Range: 100 - 499 lm
Number of LEDs: 2
Color Temperature (°K): 2700 / 2900
Max. Delivered Lumen (lm): 339.01
Nominal Lumen (lm): 600
CRI: >80 CRI
OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards	
IP rating: IP44	

PROJECT	
ТҮРЕ	
NOTES	
QUANTITY	
DATE	







J-Box cover plate Included

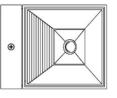
80mm 3 1/8"

D

3 1⁄8″



	1/8"
	$\sim$
	Ε
	L L
	80



101mm 4"

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#### **DAU SURFACE**

### D93153

OPTICAL

IP rating: IP44

**RATINGS AND CERTIFICATIONS** 

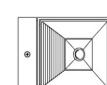
Certified By: CSA Certified to UL and CSA Standards

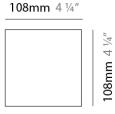
GENERAL	
Series: Dau	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Up/Down Light	
PHYSICAL	
Length (mm): 110	
Length (in): 4 <sup>5</sup> / <sub>16</sub>	
Height (mm): 170	
Height (in): 6 <sup>11</sup> / <sub>16</sub>	
Extension (mm): 101	
Extension (in): 4.0	
Weight (kg): 0.9	
Weight (lbs): 2	
ELECTRICAL	
Lamp Type: LED	
Total Output Wattage (W): 8	
Max. Wattage Per Lamp (W): 4	
Dimming: Electronic Low Voltage Dimming	
Input Voltage (V): 120	
LED	
Number of LEDs: 2	
Color Temperature (°K): 2700 / 2900	
Nominal Lumen (lm): 600	
CRI: >80 CRI	
Lamp Life (hrs): 50000	

PROJECT TYPE NOTES

QUANTITY DATE







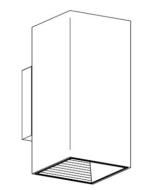
J-Box cover plate Included

80mm 3 1/8"

101mm 4″



170mm 6 <sup>11</sup>/<sub>6</sub>"



D

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# **ZANEEN**<sub>®</sub>

#### **DAU SURFACE**

### D93189

GENERAL
Series: Dau
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Up/Down Light
PHYSICAL
Shape: Cube
Length (mm): 80
Length (in): 3 <sup>1</sup> / <sub>8</sub>
Height (mm): 101
Height (in): 4
Extension (mm): 114
Extension (in): 4 <sup>1</sup> / <sub>2</sub>
Light Distribution: Direct
Weight (kg): 4.5
Weight (lbs): 10
ELECTRICAL
Lamp Type: LED
Max. Wattage Per Lamp (W): 10
Dimming: Non-Dimmable
Driver Included: Yes
Driver Type: Constant Current
Driver Class: Class 2
Input Voltage (V): 120
LED
Delivered Lumen Range: 500 - 999 lm
Number of LEDs: 1
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 829.93
Nominal Lumen (lm): 1010
CRI: >80 CRI
OPTICAL
Reflector°: 50° (avaiable in 24° and 32° upon request)

#### **RATINGS AND CERTIFICATIONS**

Certified By: CSA Certified to UL and CSA Standards IP rating: IP44

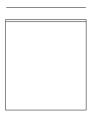
TYPE NOTES QUANTITY	
QUANTITI	
DATE	







80mm 3 1/8"



D





smm	4	1/4″



J-Box cover plate Included

110mm 4 5/16"

101mm 4"

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#### **DAU SURFACE**

### D93197

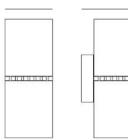
Series: Dau	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Up/Down Light	
PHYSICAL	
Shape: Rectangle	
Length (mm): 80	
Length (in): 3 <sup>1</sup> / <sub>8</sub>	
Height (mm): 200	
Height (in): $7\frac{7}{8}$	
Extension (mm): 101	
Extension (in): 4	
Light Distribution: Direct / Indirect	
Weight (kg): 4.5	
Weight (lbs): 10	
Fixture Finish: WHI	
Fixture Material: Metal	
ELECTRICAL	
Lamp Type: LED	
Total Output Wattage (W): 20	
Max. Wattage Per Lamp (W): 10	
Dimming: Electronic Low Voltage Dimming	
Driver Type: 120V DIRECT LINE (operates without a driver)	
Input Voltage (V): 120	
LED	
Number of LEDs: 2	
Color Temperature (°K): 2700	
Nominal Lumen (lm): 2 x 1010	
CRI: >80 CRI	
OPTICAL	
Reflector°: 50	
RATINGS AND CERTIFICATIONS	
Certified By: CSA Certified to UL and CSA Standards	
IP rating: IP44	

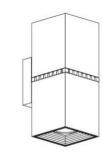
PROJECT		
ТҮРЕ		
NOTES		
QUANTITY		
DATE		



200mm 7 7/8"

80mm 3 1/8" 101mm 4"



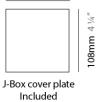






108mm 4 ¼"

D



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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	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)