

#### D92014-

base number

Finish Options

 $1. To \ build\ a\ product\ code\ in\ our\ configurator\ select\ the\ specify\ button\ on\ the\ base\ model\ \#\ product\ page$ 

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Dau	
Subseries: Dau Single	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Cube
Length (mm): 80
Length (in): 3 1/8
Width (mm): 80
Width (in): 3 1/8
Height (mm): 87
Height (in): 3 <sup>7</sup> / <sub>16</sub>
Light Distribution: Direct
Weight (kg): 0.82
Weight (lbs): 1.81
Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum
FLECTRICAL

ELECTRICAL
Number of Lamps: 1
Lamp Type: LED Retrofit
Lamp Shape: MR16
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 4
Lamp Base: GU10
Input Voltage (V): 120

#### LED

#### OPTICAL

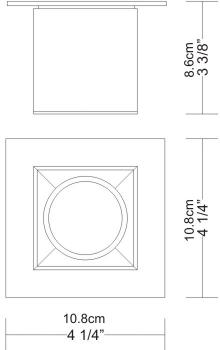
## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20





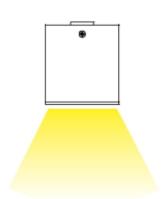


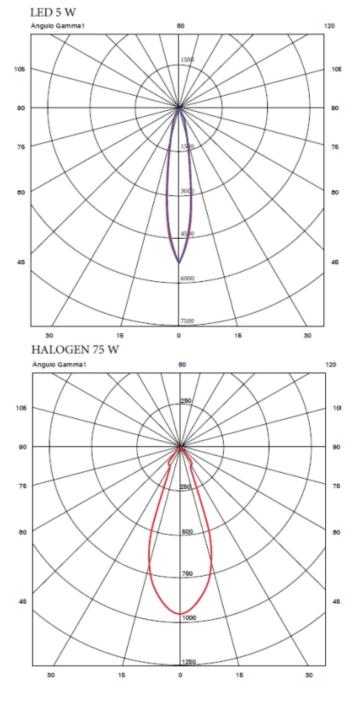




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#### D92019-

base number

Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Dau	
Subseries: Dau Single	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Subcategory: Spots	

Division: Design
Mounting Type: Surface
Subcategory: Spots
PHYSICAL
Shape: Cube
Length (mm): 80
Length (in): 3 ½
Width (mm): 83
Width (in): 3 1/4
Height (mm): 80
Height (in): 3 ½
Max. Overall Height (mm): 160
Max. Overall Height (in): 6 $\frac{5}{16}$
Light Distribution: Adjustable / Direct
Weight (kg): 0.82
Weight (lbs): 1.81
Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum

ELECTRICAL	
Number of Lamps: 1	
Lamp Type: LED Retrofit	
Lamp Shape: MR16	
Bulb Included: Bulb Not Included	
Max. Wattage Per Lamp (W): 4	
Lamp Base: GU10	
Input Voltage (V): 120	

#### LED

### OPTICAL

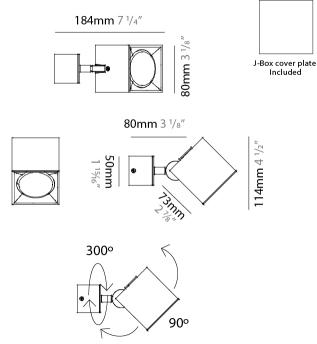
# RATINGS AND CERTIFICATIONS

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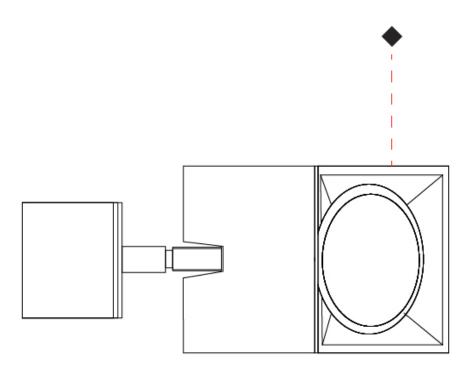


108mm (4 1/4")



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#### D92126R9-

base number

Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Dau	
Subseries: Dau Single	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Downlight	

Modifying Location. Centing	
Subcategory: Downlight	
PHYSICAL	
Shape: Cube	
Length (mm): 80	
Length (in): 3 1/8	
Width (mm): 80	
Width (in): 3 ½	
Height (mm): 91	
Height (in): 3 1/16	
Light Distribution: Direct	
Fixture Finish: BAL / MWL / BSL	
Fixture Material: Extruded Aluminum	
FLECTRICAL	

E	ELECTRICAL
L	Lamp Type: LED
1	nput Wattage (W): 10
1	Fotal Output Wattage (W): 9.3
	Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
	Oriver Included: No
	Oriver Location: Remote
	Oriver Type: Constant Current
1	nput Voltage (V): 120 - 277
(	Constant Current (MA): 350

#### LED

Number of LEDs: 1	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 956	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP20

PROJECT	
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80mm 3 1/8"

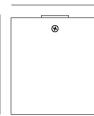
80mm 3 1/8"

108mm 41/4" 108mm 414" J-Box cover plate

included

80mm 3 1/8"

91 mm 3 <sup>9/16</sup>"

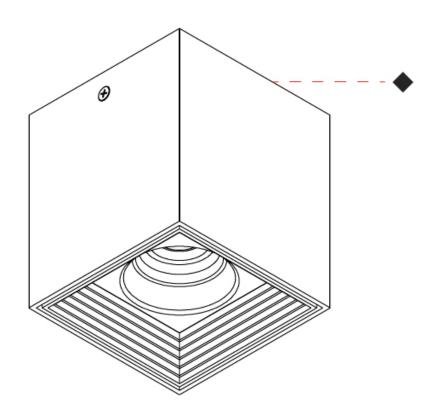






D92126R9-

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# **DAU SINGLE ADJUSTABLE SURFACE**

#### D92188R9-

base number

Options

1.To build a product code in our configurator select the specify button on the base model # product page

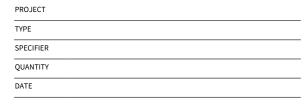
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

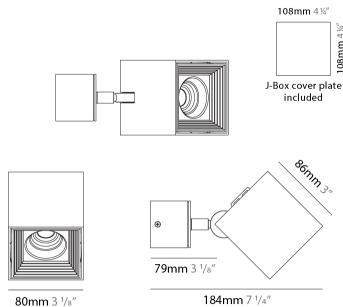
Series: Dau	
Subseries: Dau Single Adjustable	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Subcatagona Spots	

Mounting Type: Surface
Subcategory: Spots
PHYSICAL
Shape: Cube
Length (mm): 80
Length (in): 3 1/8
Width (mm): 80
Width (in): 3 1/8
Height (mm): 86
Height (in): 3 <sup>3</sup> / <sub>8</sub>
Max. Overall Height (mm): 164
Max. Overall Height (in): $6\frac{7}{16}$
Light Distribution: Adjustable / Direct
Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum

Fixture Material: Extruded Aluminum
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 10
Total Output Wattage (W): 9.3
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
LED
Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 956
CRI: >90 CRI
Lamp Life (hrs): 50000
OPTICAL
Optic°: 50









Adjustability: Rotational 300°; Tilt 90°
RATINGS AND CERTIFICATIONS

IP rating: IP20

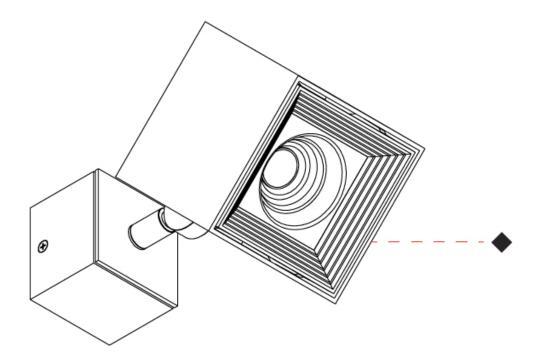
Certified By: Certified for North American Standards



# **DAU SINGLE ADJUSTABLE SURFACE**

D92188R9-

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# **ZANEEN**®

# **DAU SINGLE SURFACE**

#### D93041-

base number

Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Dau	
Subseries: Dau Single	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Up/Down Light	

#### PHYSICAL

Length (mm): 80
Length (in): 3 1/8
Height (mm): 80
Depth (mm): 101
Height (in): 3 1/8
Depth (in): 4
Extension (mm): 101
Extension (in): 4
Light Distribution: Direct / Indirect
Weight (kg): 0.82
Weight (lbs): 1.81
Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum

ELECTRICAL	
Number of Lamps: 1	
Lamp Type: LED Retrofit	
Lamp Shape: T4	
Bulb Included: Bulb Not Included	
Max. Wattage Per Lamp (W): 3.5	
Lamp Base: G9	
Input Voltage (V): 120Vac Direct Line	

#### LED

#### OPTICAL

### **RATINGS AND CERTIFICATIONS** Certified By: Certified for North American Standards

IP rating: IP20









80mm 3 1/8"



80mm 3 1/8"



101mm 4"

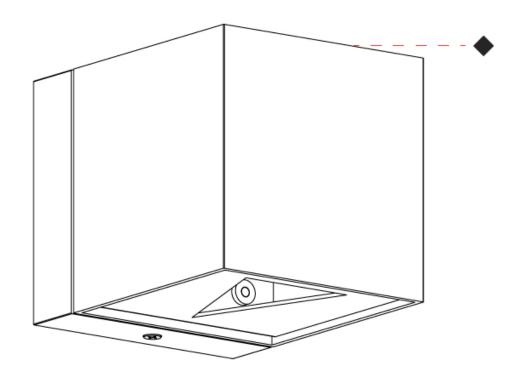






D93041-

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#### D93044-

base number

Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Dau	
Subseries: Dau Single	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Up/Down Light	

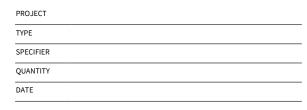
Division. Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Up/Down Light
PHYSICAL
Shape: Rectangle
Length (mm): 80
Length (in): $3\frac{1}{8}$
Height (mm): 174
Depth (mm): 101
Height (in): 6 1/11
Depth (in): 4
Extension (mm): 101
Extension (in): 4
Light Distribution: Direct / Indirect
Weight (kg): 1.23
Weight (lbs): 2.71
Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum
ELECTRICAL

Fixture Material: Extruded Aluminum
ELECTRICAL
Number of Lamps: 2
Lamp Type: LED Retrofit
Lamp Shape: MR16
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 5
Lamp Base: GU10
Input Voltage (V): 120Vac Direct Line
LED

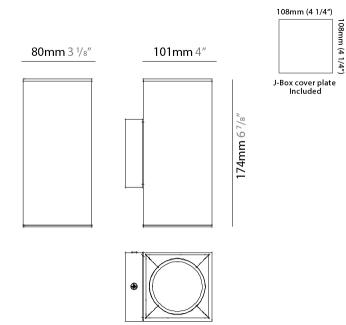
## OPTICAL **RATINGS AND CERTIFICATIONS**

# Certified By: Certified for North American Standards

IP rating: IP20







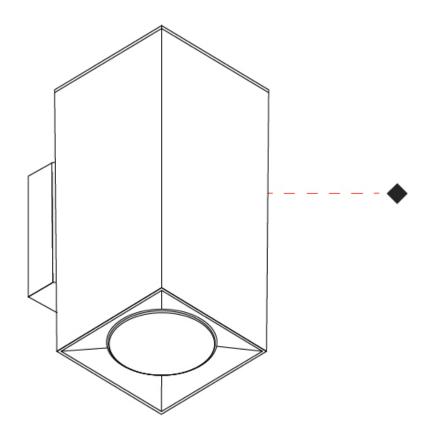




D93044-

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# **DAU SINGLE COVERED SURFACE**

#### D93081-

base number

Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Dau	
Subseries: Dau Single Covered	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Downlight	

Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Downlight
PHYSICAL
Shape: Cube
Length (mm): 80
Length (in): 3 1/8
Height (mm): 84
Depth (mm): 101
Height (in): 3 1/3
Depth (in): 4
Extension (mm): 101
Extension (in): 4
Light Distribution: Direct
Weight (kg): 0.82
Weight (lbs): 1.81
Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum
ELECTRICAL

ELECTRICAL
Number of Lamps: 1
Lamp Type: LED Retrofit
Lamp Shape: MR16
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 4
Lamp Base: GU10
Input Voltage (V): 120Vac Direct Line

#### LED

## OPTICAL

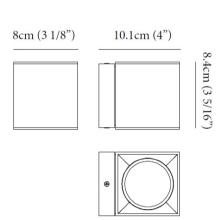
**RATINGS AND CERTIFICATIONS** 

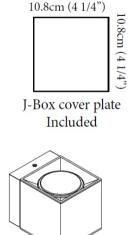
Certified By: Certified for North American Standards

IP rating: IP20









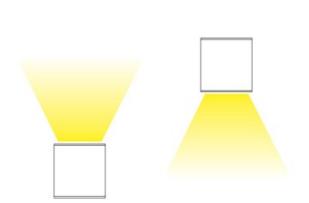


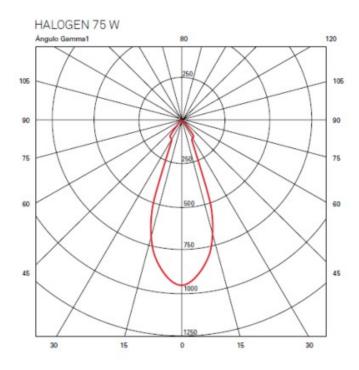


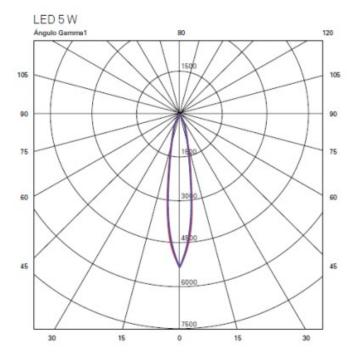
# **DAU SINGLE COVERED SURFACE**

D93081-

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ТҮРЕ	
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#### D93148R9-

base number

Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Dau	
Subseries: Dau Single	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Up/Down Light	

PHYSICAL
Shape: Cube
Length (mm): 80
Length (in): 3 1/8
Height (mm): 80
Height (in): 3 1/8
Extension (mm): 101
Extension (in): 4
Light Distribution: Direct / Indirect
Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum

#### **ELECTRICAL**

Lamp Type: LED	
Input Wattage (W): 14	
Dimming: Electronic Low Voltage Dimming to 20%	
Input Voltage (V): 120Vac Direct Line	

## LED

Number of LEDs: 2	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 1330	
CRI: >90 CRI	

#### OPTICAL

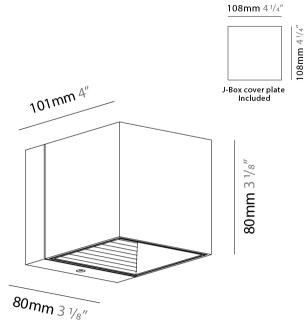
## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Stand	dards
ID rating: ID44	

IP rating: IP44











D93148R9-

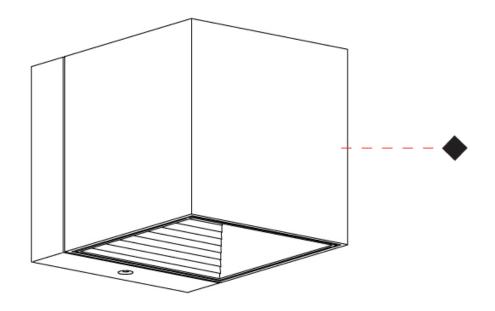
PROJECT

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#### D93152R9-

base number

Options

 $1. To \ build\ a\ product\ code\ in\ our\ configurator\ select\ the\ specify\ button\ on\ the\ base\ model\ \#\ product\ page$ 

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Dau
Subseries: Dau Single
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Up/Down Light

Subcategory: Up/Down Light
PHYSICAL
Shape: Rectangle
Length (mm): 80
Length (in): 3 ½
Height (mm): 170
Height (in): 6 11/16
Extension (mm): 101
Extension (in): 4
Light Distribution: Direct / Indirect
Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum

# **ELECTRICAL**Lamp Type: LED

Input Wattage (W): 14

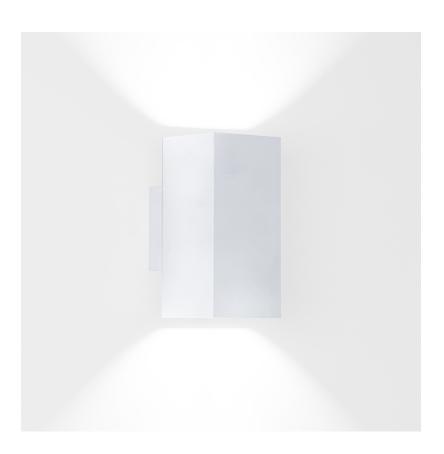
Dimming: Electronic Low Voltage Dimming	
Input Voltage (V): 120Vac Direct Line	
LED	
Number of LEDs: 2	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 1330	
CRI: >90 CRI	
Lamp Life (hrs): 50000	

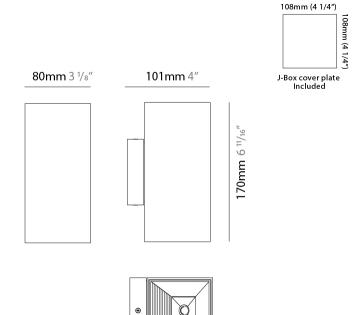
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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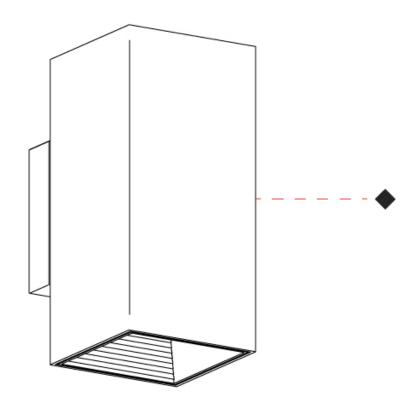






D93152R9-

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#### D93189R9-

base number

Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Dau	
Subseries: Dau Single	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Downlight	

Mounting Type: Surface
Mounting Location: Wall
Subcategory: Downlight
PHYSICAL
Shape: Cube
Length (mm): 80
Length (in): 3 1/8
Height (mm): 90
Depth (mm): 101
Height (in): 3 <sup>9</sup> / <sub>16</sub>
Depth (in): 4
Extension (mm): 114
Extension (in): 4 ½
Light Distribution: Direct
Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum
ELECTRICAL

Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 10
Total Output Wattage (W): 9.3
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Upon Request: Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / 277Vac
LED

LED
Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 956
CRI: >90 CRI
Lamp Life (hrs): 50000

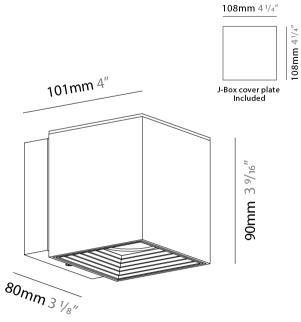
### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP44











D93189R9-

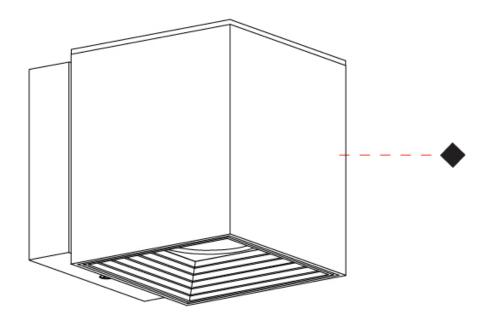
PROJECT

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# **DAU DOUBLE SURFACE**

#### D93195R9-

base number

Options

 $1. To \ build\ a\ product\ code\ in\ our\ configurator\ select\ the\ specify\ button\ on\ the\ base\ model\ \#\ product\ page$ 

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Dau	
Subseries: Dau Double	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Up/Down Light	

Mounting Location: Wall
Subcategory: Up/Down Light
PHYSICAL
Shape: Rectangle
Length (mm): 80
Length (in): 3 1/8
Height (mm): 200
Depth (mm): 101
Height (in): 7 1/8
Depth (in): 4
Extension (mm): 101
Extension (in): 4
Light Distribution: Direct / Indirect
Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum
ELECTRICAL

LED
Number of LEDs: 2
Color Temperature (°K): 3000
Nominal Lumen (lm): 1912
CRI: >90 CRI
Lamp Life (hrs): 50000

#### OPTICAL

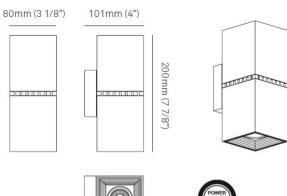
#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20

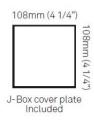
PROJECT
TYPE
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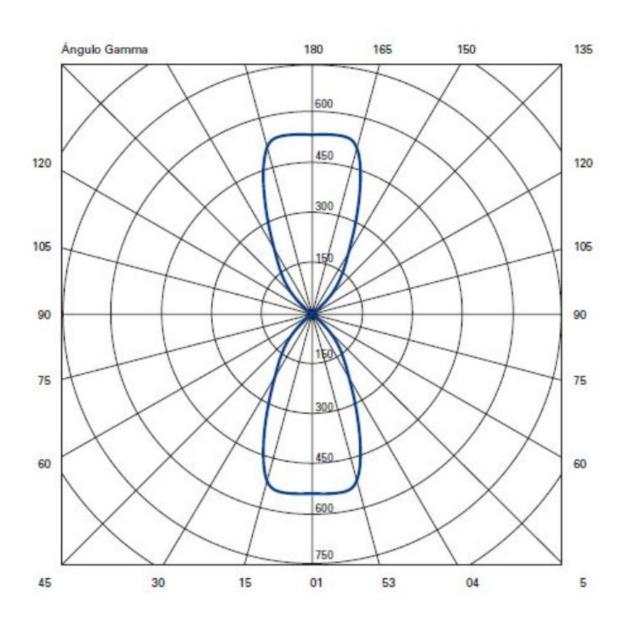




# **DAU DOUBLE SURFACE**

D93195R9-

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TYPE		
SPECIFIER		
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# **ZANEEN**®

# **DAU SINGLE SURFACE**

#### D93239-

base number

Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### GENERAL

Series: Dau	
Subseries: Dau Single	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Downlight	

Mounting Type: Surface
Mounting Location: Wall
Subcategory: Downlight
PHYSICAL
Shape: Cube
Length (mm): 80
Length (in): 3 1/8
Height (mm): 80
Depth (mm): 101
Height (in): 3 1/8
Depth (in): 4
Extension (mm): 101
Extension (in): 4
Light Distribution: Direct
Fixture Finish: BAL / MWL / BSL
Fixture Material: Extruded Aluminum
ELECTRICAL

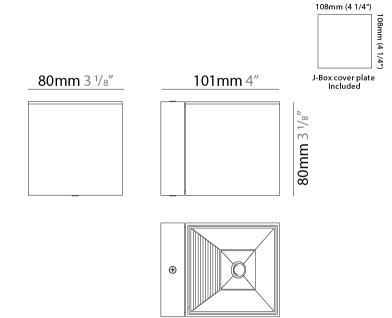
FIXTURE FITTISTI: BAL / MWL / BSL
Fixture Material: Extruded Aluminum
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 7
Dimming: Electronic Low Voltage Dimming
Input Voltage (V): 120Vac Direct Line
LED
Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 665
CRI: >90 CRI
Lamp Life (hrs): 50000
OPTICAL

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards IP rating: IP20

PROJECT TYPE SPECIFIER QUANTITY DATE



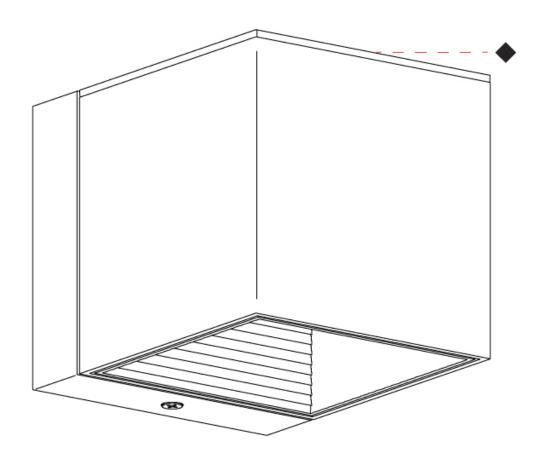






D93239-

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# **ZANEEN**®

# **DAU 2 LIGHT LINEAR SURFACE**

#### D93241-

base number

Finish Options

 $1. To \ build\ a\ product\ code\ in\ our\ configurator\ select\ the\ specify\ button\ on\ the\ base\ model\ \#\ product\ page$ 

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

#### **GENERAL**

Series: Dau	
Subseries: Dau 2 light Linear	
Brand: Milan	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Up/Down Light	

#### PHYSICAL

FILISICAL	
Shape: Rectangle	
Length (mm): 80	
Length (in): 3 1/8	
Height (mm): 80	
Depth (mm): 101	
Height (in): 3 1/8	
Depth (in): 4	
Light Distribution: Direct / Indirect	
Fixture Finish: BAL / MWL / BSL	
Fixture Material: Extruded Aluminum	

#### **ELECTRICAL**

ELECTRICAL.	
Lamp Type: LED	
Input Wattage (W): 28	
Dimming: Electronic Low Voltage Dimming	
Input Voltage (V): 120Vac Direct Line	
LED	
Number of LEDs: 4	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 1330	_

# CRI: >90 CRI

Lamp Life (hrs): 50000

### OPTICAL

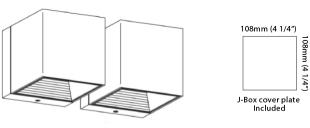
#### **RATINGS AND CERTIFICATIONS**

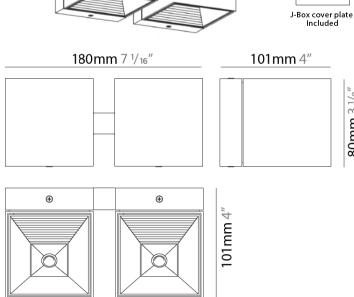
Certified By: Certified for North American Standards

IP rating: IP20

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	











# DAU

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

#### **Fixture Finish**







**Digital:** Not all screens are calibrated the same, and therefore, colors will appear differently between screens. **Physical:** When texture is involved, there will be variations in color, character and tone within a product series and between product families.





DAU

# **LEGEND**

<u></u>	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	X	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable	in the second	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution		length of suspension cable	CRI	color rendering index
lack	direct light distribution		reflector degree selection	(K)	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
X	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	30	walk on
$\Box$	square wall or ceiling cut-out	Ċ	free individual colors 01-29	<b>②</b>	drive on
£	the supplied jig specifies the cutout dimensions	C	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>d</b> •+D	minimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\pm$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	ceiling thickness in mm		luminaire part to be colored (F3)	4	blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	<b>●</b> ®	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
Civaco	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>9</b>	sensor	0	direct diffuser	c (ՄL) us	UL Certified to UL and CSA Standards
	remote control	0	ball-proof (upon request)	<b>(II</b> )	CSA Certified to UL and CSA Standards
9	available upon request	9	accessory	<b>(Z</b> )	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
IP54	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**

above the surface)

IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
IK03	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	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)
IKOB	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to $5.0 kg$ mass dropped from 200mm above the surface)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm