ZANEEN®

DAU SURFACE

D92017

GENERAL
Series: Dau
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Pendant

PHYSICAL
Shape: Abstract
Length (mm): 520
Length (in): 20 $\frac{1}{2}$
Width (mm): 110
Width (in): 4 $\frac{5}{16}$
Height (mm): 254
Height (in): 10
Weight (kg): 1.4
Weight (lbs): 3
Fixture Material: Aluminum

ELECTRICAL
Number of Lamps: 3
Lamp Type: LED Retrofit
Lamp Shape: MR16
Bulb Included: Bulb Not Included
Total Output Wattage (W): 15
Max. Wattage Per Lamp (W): 5
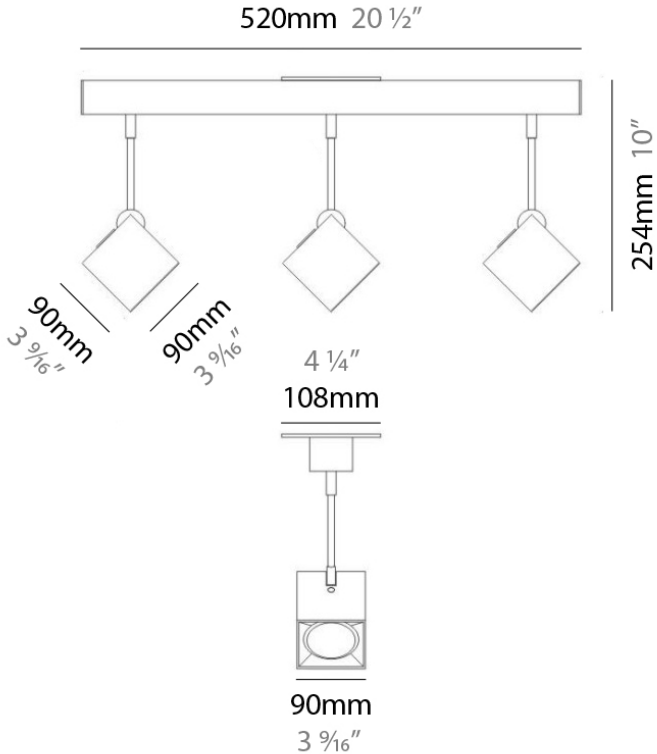Lamp Base: GU10
Input Voltage (V): 120

LED
Delivered Lumen Range: 500 - 999 lm

OPTICAL

RATINGS AND CERTIFICATIONS
Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20

520mm 20 ½"

254mm 10"

90mm 3 9/16"

90mm 3 9/16"

4 ¼"

108mm

90mm 3 9/16"

D

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DAU SURFACE

D92018

GENERAL
Series: Dau
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Pendant

PHYSICAL
Shape: Abstract
Length (mm): 750
Length (in): 29 $\frac{1}{2}$
Width (mm): 110
Width (in): 4 $\frac{5}{16}$
Height (mm): 254
Height (in): 10
Weight (kg): 2.04
Weight (lbs): 4.5
Fixture Material: Aluminum

ELECTRICAL
Number of Lamps: 4
Lamp Type: LED Retrofit
Lamp Shape: MR16
Bulb Included: Bulb Not Included
Total Output Wattage (W): 20
Max. Wattage Per Lamp (W): 5
Lamp Base: GU10
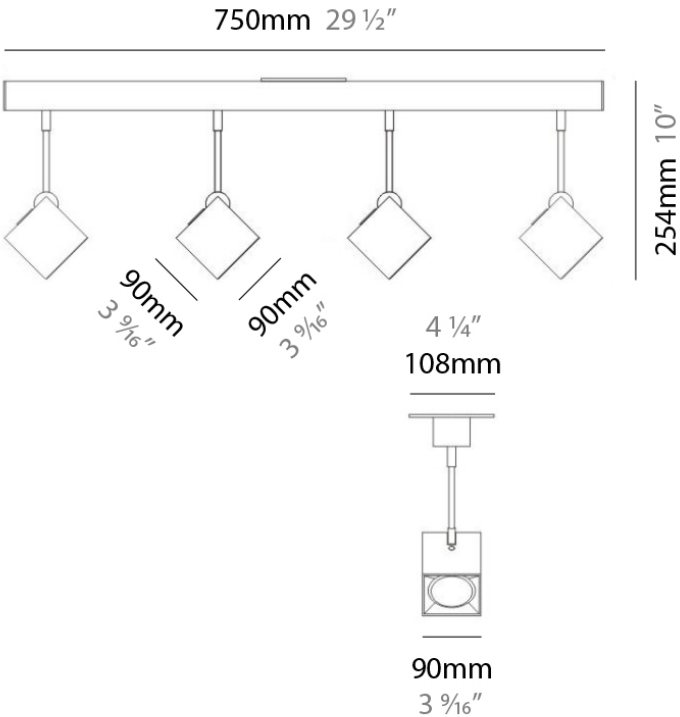Input Voltage (V): 120

LED
Delivered Lumen Range: 1000 - 1999 lm

OPTICAL

RATINGS AND CERTIFICATIONS
Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20

750mm 29 ½"

254mm 10"

90mm 3 9/16"

90mm 3 9/16"

4 ¼"
108mm

90mm
3 9/16"

D

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PROJECT

TYPE

NOTES

QUANTITY

DATE

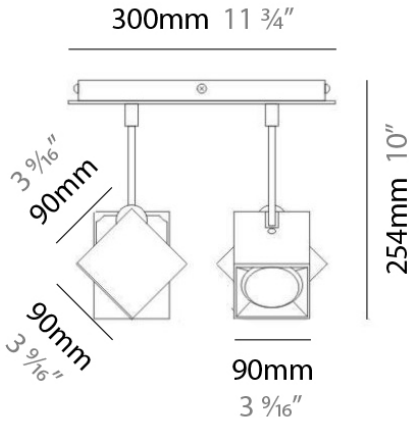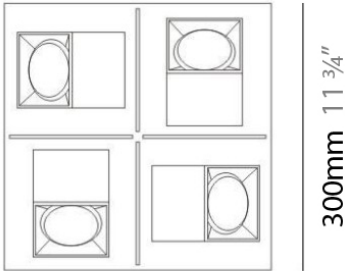## DAU SURFACE

D92020

GENERAL
Series: Dau
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Pendant

PHYSICAL
Shape: Square
Length (mm): 300
Length (in): 11 ¾
Width (mm): 300
Width (in): 11 ¾
Height (mm): 254
Height (in): 10
Weight (kg): 3.27
Weight (lbs): 7.2
Fixture Material: Aluminum

ELECTRICAL
Number of Lamps: 4
Lamp Type: LED Retrofit
Lamp Shape: MR16
Bulb Included: Bulb Not Included
Total Output Wattage (W): 20
Max. Wattage Per Lamp (W): 5
Lamp Base: GU10
Input Voltage (V): 120

LED
Delivered Lumen Range: 1000 - 1999 lm

OPTICAL

RATINGS AND CERTIFICATIONS
Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20

300mm 11 ¾"

300mm 11 ¾"

3 ⁹⁄₁₆"
90mm

90mm
3 ⁹⁄₁₆"

90mm
3 ⁹⁄₁₆"

254mm 10"

D

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DAU SURFACE

D92028

GENERAL

Series: Dau
Brand: Milan
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Spots

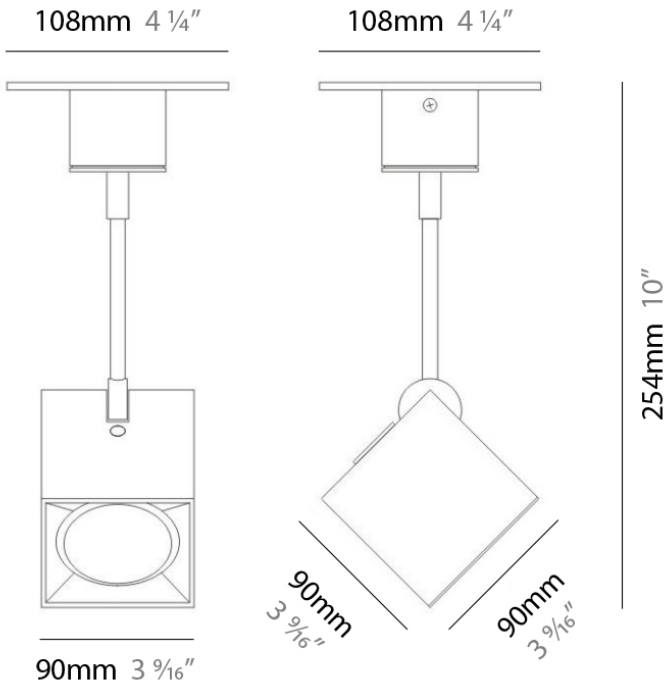### PHYSICAL

Shape: Square
Length (mm): 110
Length (in): 4 5/16
Width (mm): 110
Width (in): 4 5/16
Height (mm): 254
Height (in): 10
Weight (kg): 0.9
Weight (lbs): 2
Fixture Material: Metal

ELECTRICAL

Number of Lamps: 1
Lamp Type: LED Retrofit / Halogen
Lamp Shape: MR16
Bulb Included: Bulb Not Included
Total Output Wattage (W): 5
Max. Wattage Per Lamp (W): 5
Lamp Base: GU10
Input Voltage (V): 120

LED

Delivered Lumen Range: 100 - 499 lm

OPTICAL

RATINGS AND CERTIFICATIONS

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

108mm 4 ¼"

108mm 4 ¼"

254mm 10"

90mm 3 9/16"

90mm 3 9/16"

90mm 3 9/16"

D

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DAU SINGLE SURFACE

D92128

GENERAL

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

PHYSICAL

Shape: Cube
Length (mm): 80
Length (in): 3 $\frac{1}{8}$
Width (mm): 80
Width (in): 3 $\frac{1}{8}$
Height (mm): 90
Height (in): 3 $\frac{9}{16}$
Light Distribution: Direct
Weight (kg): 0.6
Weight (lbs): 1.2999
Fixture Material: Extruded Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W
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
Constant Current (MA): 350
Upon Request: (Not included: see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac / 277Vac / Lutron Pro

LED

Delivered Lumen Range: 500 - 999 lm
Number of LEDs: 1
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 829.93
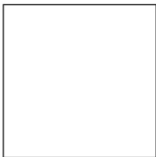CRI: >80 CRI
Lamp Life (hrs): 50000

OPTICAL

Reflector°: 50

RATINGS AND CERTIFICATIONS

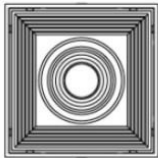Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20

108mm 4 ¼"
108mm 4 ¼"

J-Box cover plate
Included

80mm 3 ⅛"

80mm 3 ⅛"

88mm 3 ⁷⁄₁₆"

90mm 3 ⁹⁄₁₆"
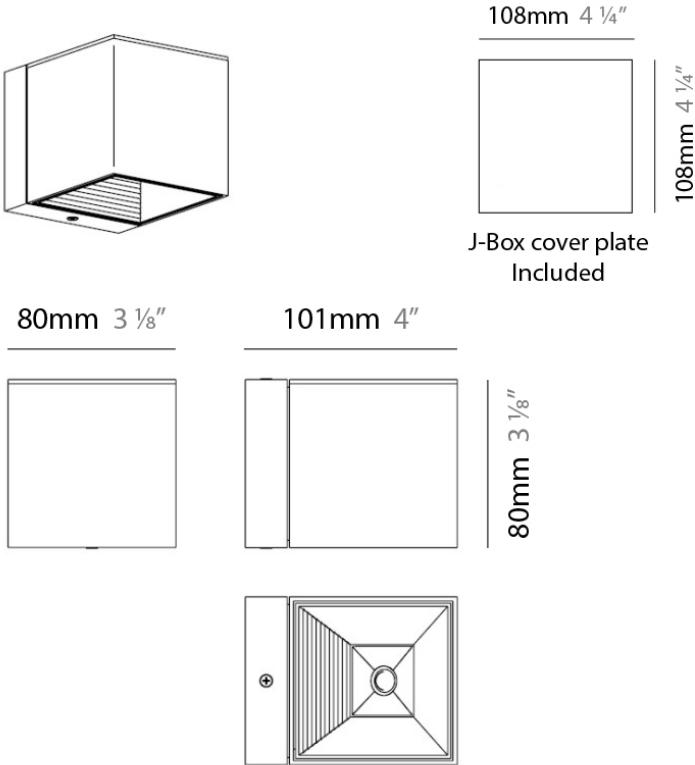
D

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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 $\frac{5}{16}$
Height (mm): 110
Height (in): 4 $\frac{5}{16}$
Extension (mm): 101
Extension (in): 4.0
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
Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20

108mm 4 ¼"
108mm 4 ¼"
J-Box cover plate
Included

80mm 3 ⅛"
101mm 4"
80mm 3 ⅛"

D

ZANEEN®

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 $\frac{5}{16}$
Height (mm): 110
Height (in): 4 $\frac{5}{16}$
Extension (mm): 101
Extension (in): 4.0
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
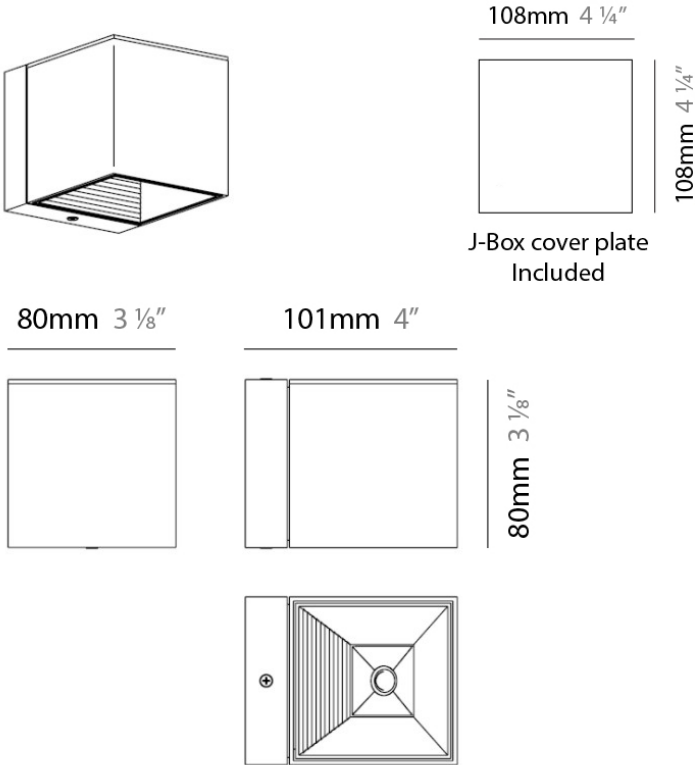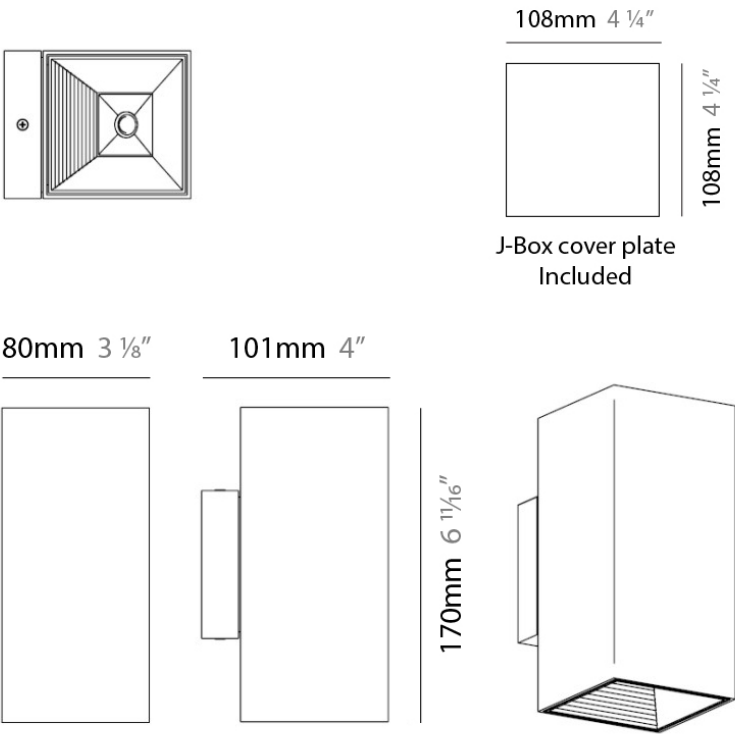Certified By: CSA Certified to UL and CSA Standards
IP rating: IP44

108mm 4 ¼"
108mm 4 ¼"
J-Box cover plate
Included

80mm 3 ⅛"
101mm 4"
80mm 3 ⅛"

D

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ZANEEN®

DAU SURFACE

D93153

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

PHYSICAL
Length (mm): 110
Length (in): 4 $\frac{5}{16}$
Height (mm): 170
Height (in): 6 $\frac{11}{16}$
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

OPTICAL

RATINGS AND CERTIFICATIONS
Certified By: CSA Certified to UL and CSA Standards
IP rating: IP44

108mm 4 ¼"
108mm 4 ¼"
J-Box cover plate
Included

80mm 3 ⅛"
101mm 4"
170mm 6 ¹¹⁄₁₆"

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ZANEEN®

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 $\frac{1}{8}$
Height (mm): 101
Height (in): 4
Extension (mm): 114
Extension (in): 4 $\frac{1}{2}$
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
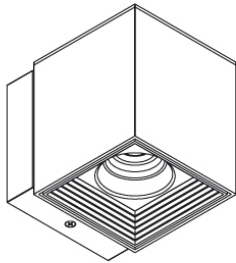Input Voltage (V): 120

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
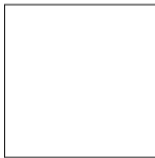CRI: >80 CRI

OPTICAL

Reflector°: 50° (avaiable in 24° and 32° upon request)

RATINGS AND CERTIFICATIONS

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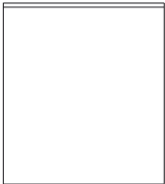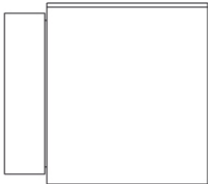IP rating: IP44

108mm 4 ¼"
108mm 4 ¼"
J-Box cover plate
Included

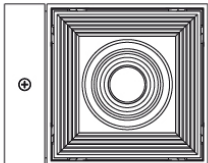80mm 3 ⅛"

101mm 4"
110mm 4 ⁵⁄₁₆"

Ⓓ

ZANEEN®

DAU SURFACE

D93197

GENERAL

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 $\frac{1}{8}$
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): 20W
Max. Wattage Per Lamp (W): 10W
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

80mm 3 ⅛"   101mm 4"

200mm 7 ⅞"

108mm 4 ¼"

108mm 4 ¼"

J-Box cover plate
Included

POWER LED C.C.

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LEGEND

Symbol	Description	Symbol	Description	Symbol	Description
↓	floor-mounted	◁	pivotable	✳	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
↗	wall and ceiling: recessed and surface mounted	↻	rotating	☼	warm dim / natural dimming LED
↑	ceiling-mounted and wall-mounted	⤪	illuminate tilted	⚡	rechargeable battery powered
→	wall-mounted	⊥	color of suspension cable	⫴	fixture with natural vivid LED (upon request)
⟰	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
◣	direct light distribution	⌂	reflector degree selection	°K	color temperature
⧓	direct/indirect light distribution	S|s	super spot	LM	lumen (luminous flux)
◥	indirect light distribution	⚘	lens	LM/W	efficacy (lumens per watt)
◺	asymmetric light distribution	⚙	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
◮	aura light distribution	◯	shine ring	⚓	marine grade (AISI 316 stainless steel)
◁	round wall or ceiling cut-out	⊙	integrated shine ring with diffuser	⊛	walk on
◺	square wall or ceiling cut-out	⬙	free individual colors 01-29	✎	drive on
⬚	the supplied jig specifies the cutout dimensions	⬙ C	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
⊣↔→M	minimum distance (meters) lamp - object	◆	luminaire part to be colored (F1)	♿	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
⊤	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)	◀))	acoustic material
⬓	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	⬠	luminaire part to be colored (F5)	⏚	protection class I, protection insulation
⬓	included or excluded LED driver/transformer/control gear	▪	color of 3-circuit adaptor	⬚	protection class II, protection insulation
⛢	separately switchable	⊙	indirect diffuser	Ⓔ	ETL Certified to UL and CSA Standards
⁖))	sensor	Ⓓ	direct diffuser	ⓤ	UL Certified to UL and CSA Standards
⌕	remote control	⚽	ball-proof (upon request)	Ⓒ	CSA Certified to UL and CSA Standards
✍	available upon request	📎	accessory	Ⓩ	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

IK01	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)
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)
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)