ZANEEN®

A7LEVEL-MOD-SYS COMPONENTS

A7900052-

DESCRIPTION

Level LED Strip - 5.000mm / 196 7/8" - 65W - 2700K / 3000K - 48V

GENERAL

Series: Level
Brand: Letroh
Division: Architectural
Subcategory: Profile

PHYSICAL

Shape: Rectangle
Length (mm): 5000
Length (in): 196 $\frac{7}{8}$
Width (mm): 10
Width (in): 3/8
Weight (kg): 0.95
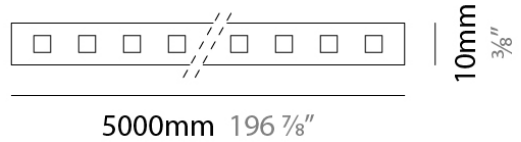Weight (lbs): 2.09
Fixture Material: Aluminum

ELECTRICAL

Total Output Wattage (W): 65W (13W/m)

LED

Color Temperature (°K): 2700 / 3000
Nominal Lumen (lm): 7150 / 7550 (1430/m / 1510/m)

RATINGS AND CERTIFICATIONS

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

5000mm 196 ⅞"   10mm 3/8"

(A)

October 6, 2024, 9:08 am

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A7LEVEL-MOD-SYS COMPONENTS

A7900053-

DESCRIPTION

Level LED Strip - 10.000mm / 393 11/16" - 130W - 2700K / 3000K - 48V

GENERAL

Series: Level

Brand: Letroh

Division: Architectural

Subcategory: Profile

PHYSICAL

Shape: Rectangle

Length (mm): 10000

Length (in): 393 $^{11}/_{16}$

Width (mm): 10

Width (in): 3/8

Weight (kg): 0.75

Weight (lbs): 1.65

Fixture Material: Aluminum

ELECTRICAL
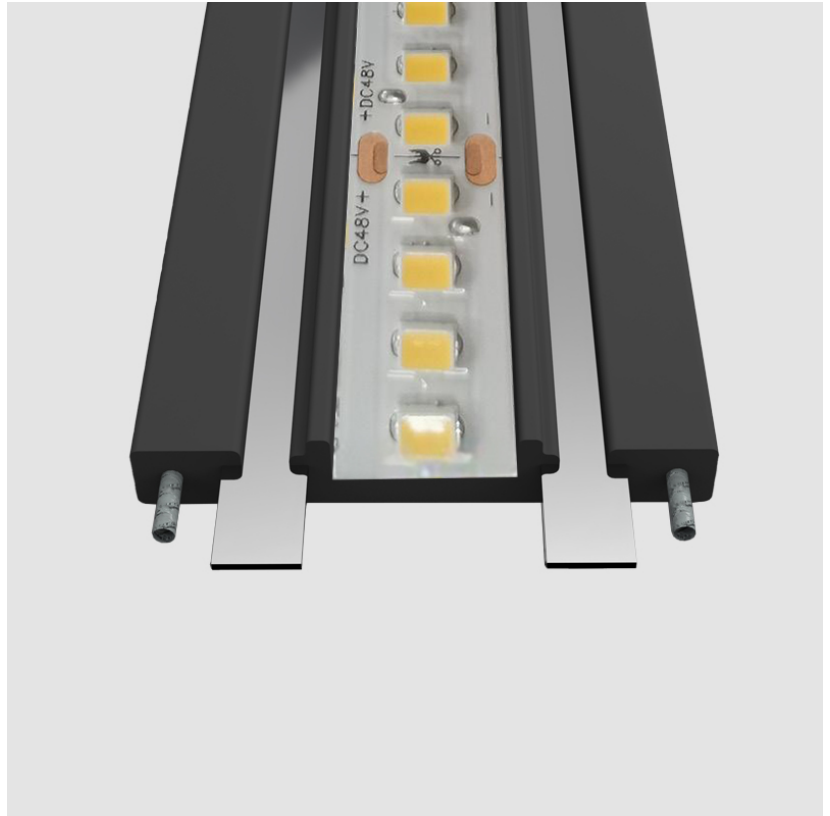
Total Output Wattage (W): 130W (13W/m)

LED

Color Temperature (°K): 2700 / 3000

Nominal Lumen (lm): 14300 / 15100 (1430/m / 1510/m)

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

10mm 3/8"

10000mm 393 $^{11}/_{16}$"
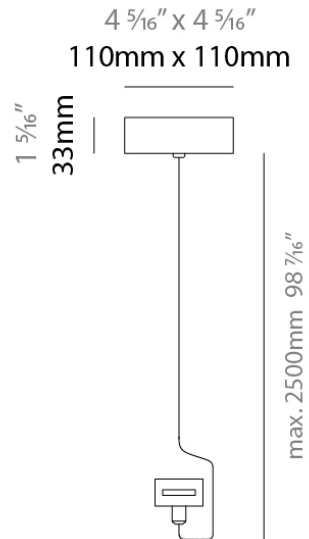
(A)

ZANEEN®

A7LEVEL-MOD-SYS COMPONENTS

A7900054-

DESCRIPTION

Level - Power feed - 2500mm

GENERAL

Series: Level

Brand: Letroh

Division: Architectural

Subcategory: Profile

PHYSICAL

Shape: Rectangle

Diameter (mm): 100

Diameter (in): $3 \frac{15}{16}$

Height (mm): 33

Height (in): $1 \frac{5}{16}$

Max. Overall Height (mm): 2533

Max. Overall Height (in): $99 \frac{3}{4}$

Fixture Finish: WHI / BLK

Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

$4 \frac{5}{16}" \times 4 \frac{5}{16}"$
110mm x 110mm

$1 \frac{5}{16}"$
33mm

max. 2500mm $98 \frac{7}{16}"$

(A)

ZANEEN®

A7LEVEL-MOD-SYS COMPONENTS

A7900055-

DESCRIPTION
Level - Cube Wall fixing

GENERAL

Series: Level
Brand: Letroh
Division: Architectural
Subcategory: Profile

PHYSICAL

Shape: Rectangle
Length (mm): 80
Length (in): 3 $\frac{1}{8}$
Width (mm): 242
Width (in): 9 $\frac{1}{2}$
Height (mm): 80
Height (in): 3 $\frac{1}{8}$
Fixture Finish: WHI / BLK
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

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

3 $\frac{1}{8}$"
80mm

3 $\frac{1}{8}$"
80mm

162mm 6 $\frac{3}{8}$"

242mm 9 $\frac{1}{2}$"

A

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A7LEVEL-MOD-SYS COMPONENTS

A7900056-

DESCRIPTION

Level - Cube ceiling fixing

GENERAL
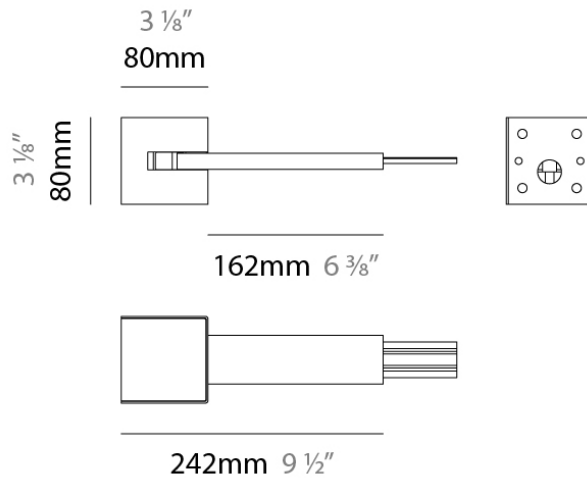
Series: Level

Brand: Letroh

Division: Architectural

Subcategory: Profile

PHYSICAL

Shape: Rectangle

Length (mm): 80

Length (in): 3 $\frac{1}{8}$

Width (mm): 242

Width (in): 9 $\frac{1}{2}$

Height (mm): 80

Height (in): 3 $\frac{1}{8}$

Fixture Finish: WHI / BLK

Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

3 $\frac{1}{8}$"
80mm

3 $\frac{1}{8}$"
80mm

162mm 6 $\frac{3}{8}$"

242mm 9 $\frac{1}{2}$"

(A)

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A7LEVEL-MOD-SYS COMPONENTS

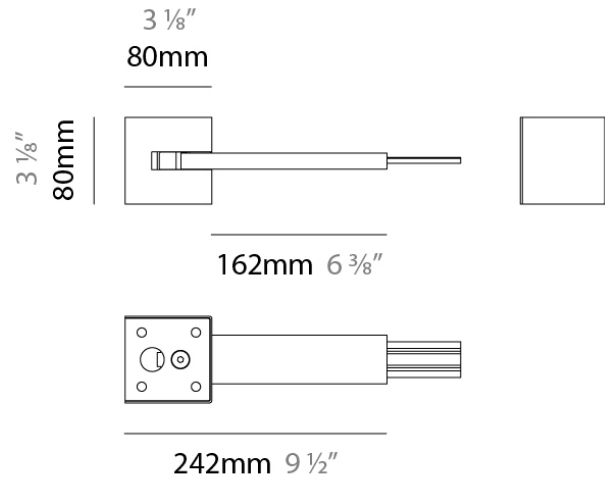### A7900057-

DESCRIPTION

Level - Ceiling Spacer

GENERAL

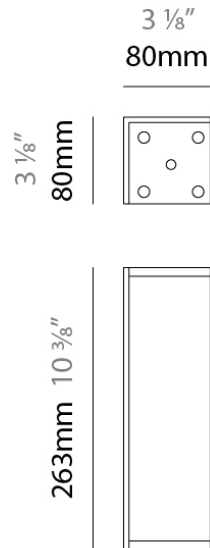Series: Level

Brand: Letroh

Division: Architectural

Subcategory: Profile

PHYSICAL

Shape: Rectangle

Length (mm): 80

Length (in): 3 $\frac{1}{8}$

Width (mm): 80

Width (in): 3 $\frac{1}{8}$

Height (mm): 263

Height (in): 10 $\frac{3}{8}$

Fixture Finish: WHI / BLK

Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

3 $\frac{1}{8}$"
80mm

3 $\frac{1}{8}$"
80mm

263mm 10 $\frac{3}{8}$"

A

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A7LEVEL-MOD-SYS COMPONENTS

A7900058-

DESCRIPTION

Level - Mini -Lens - 20° / 40° / 60°

GENERAL

Series: Level

Brand: Letroh

Division: Architectural

OPTICAL

Optic°: 20 / 40 / 60

Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

Ⓐ

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Availble 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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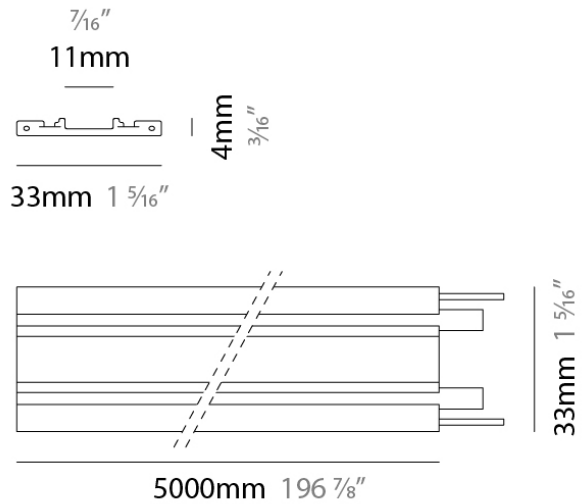
A7LEVEL-MOD-SYS COMPONENTS SURFACE

A7T00027-

DESCRIPTION

Level Cable - 5000mm / 196 7/8"

GENERAL

Series: Level

Brand: Letroh

Division: Architectural

Mounting Type: Surface

Mounting Location: Wall / Ceiling

Subcategory: Profile

PHYSICAL

Shape: Rectangle

Length (mm): 5000

Length (in): 196 $\frac{7}{8}$

Width (mm): 33

Width (in): 1 $\frac{5}{16}$

Height (mm): 4

Height (in): 3/16

Light Distribution: Downlight

Weight (kg): 0.95

Weight (lbs): 2.09

Fixture Finish: TRA / BLK / WHI

Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

$\frac{7}{16}$"
11mm

4mm
3/16"

33mm 1 $\frac{5}{16}$"

33mm 1 $\frac{5}{16}$"

5000mm 196 $\frac{7}{8}$"

A

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A7LEVEL-MOD-SYS COMPONENTS SURFACE

A7T00028-

DESCRIPTION
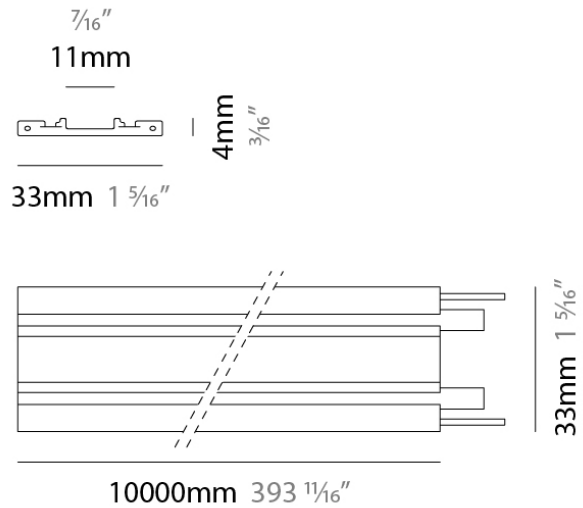
Level Cable - 10,000mm / 393 11/16"

GENERAL

Series: Level
Brand: Letroh
Division: Architectural
Mounting Type: Surface
Mounting Location: Wall / Ceiling
Subcategory: Profile

PHYSICAL

Shape: Rectangle
Length (mm): 10000
Length (in): 393 $\frac{11}{16}$
Width (mm): 33
Width (in): 1 $\frac{5}{16}$
Height (mm): 4
Height (in): 3/16
Light Distribution: Downlight
Weight (kg): 0.19
Weight (lbs): 0.42
Fixture Finish: TRA / BLK / WHI
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

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

$\frac{7}{16}''$
11mm

4mm $\frac{3}{16}''$

33mm 1 $\frac{5}{16}''$

33mm 1 $\frac{5}{16}''$

10000mm 393 $\frac{11}{16}''$

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A7LEVEL-MOD-SYS COMPONENTS TRACK

A7T00029-

DESCRIPTION

Level - Zoom - Adjustable Spot, 16.5W, 48V, 350mA, CRI 97, Dimmable Converter Included

GENERAL

Series: Level

Brand: Letroh

Division: Architectural

Mounting Type: Track

Mounting Location: Ceiling

Subcategory: Profile

PHYSICAL

Shape: Cylinder

Diameter (mm): 85

Diameter (in): 3 3/8

Height (mm): 130

Height (in): 5 1/8

Light Distribution: Downlight

Weight (kg): 0.33

Weight (lbs): 0.73

Fixture Finish: WHI / BLK

Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W

Lamp Type: LED

Input Wattage (W): 16.5

Total Output Wattage (W): 12.8

Dimming: Non-Dimmable / 0-10V Dimming

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Housing: ENCP50

Input Voltage (V): 120 - 277

Output Voltage (V): 48

Constant Current (MA): 350

Upon Request: Dali Dimming

LED

Delivered Lumen Range: 500 - 1999 lm

Color Temperature (°K): 2700 / 3000

Max. Delivered Lumen (lm): 831 / 878

Nominal Lumen (lm): 1010 / 1068

CRI: >97 CRI

Lamp Life (hrs): 50000

OPTICAL

Optic°: 12 - 46

Adjustability: Tilting and rotating

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

1 3/4"
Ø45mm

156mm 6 1/8"

Ø85mm 3 3/8"

(A)

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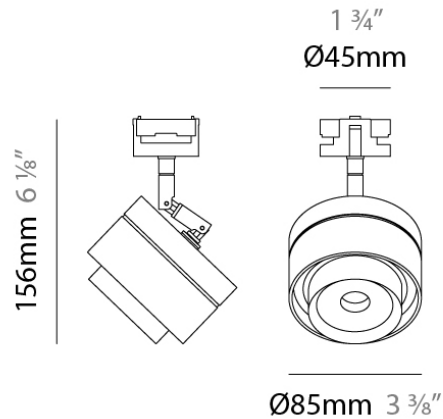
A7LEVEL-MOD-SYS COMPONENTS TRACK

A7T00030-

DESCRIPTION

Level - Zoom - Fixed Spot, 16.5W, 48V, 350mA, CRI 97, Dimmable Converter Included

GENERAL

Series: Level
Brand: Letroh
Division: Architectural
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Profile

PHYSICAL

Shape: Cylinder
Diameter (mm): 85
Diameter (in): 3 $\frac{3}{8}$
Height (mm): 90
Height (in): 3 $\frac{9}{16}$
Light Distribution: Downlight
Weight (kg): 0.33
Weight (lbs): 0.73
Fixture Finish: WHI / BLK
Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W
Lamp Type: LED
Input Wattage (W): 16.5
Total Output Wattage (W): 12.8
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP50
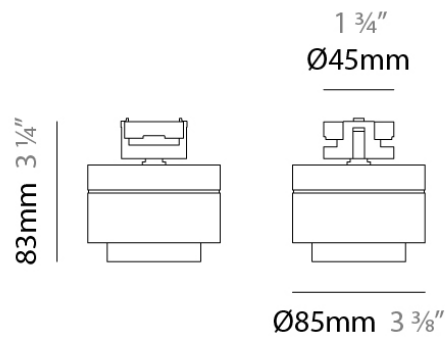Input Voltage (V): 120 - 277
Output Voltage (V): 48
Upon Request: Dali Dimming

LED

Delivered Lumen Range: 500 - 1999 lm
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 831 / 878
Nominal Lumen (lm): 1010 / 1068
CRI: >97 CRI
Lamp Life (hrs): 50000

OPTICAL

Optic°: 12 - 46
Adjustability: Fixed

RATINGS AND CERTIFICATIONS

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

1 ¾" Ø45mm

83mm 3 ¼"

Ø85mm 3 ⅜"

(A)

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A7LEVEL-MOD-SYS COMPONENTS TRACK

A7T00031-

DESCRIPTION

Level - Zoom - Suspension, 16.5W, 48V, 350mA, CRI 97, Dimmable Converted Included

GENERAL

Series: Level
Brand: Letroh
Division: Architectural
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Spots

PHYSICAL

Shape: Cylinder
Diameter (mm): 85
Diameter (in): 3 $\frac{3}{8}$
Height (mm): 75
Height (in): 2 $\frac{15}{16}$
Max. Overall Height (mm): 2075
Max. Overall Height (in): 81 $\frac{11}{16}$
Light Distribution: Downlight
Weight (kg): 0.42
Weight (lbs): 0.93
Fixture Finish: WHI / BLK
Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W
Lamp Type: LED
Input Wattage (W): 16.5
Total Output Wattage (W): 12.8
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP50
Input Voltage (V): 120 - 277
Output Voltage (V): 48
Upon Request: Dali Dimming

LED

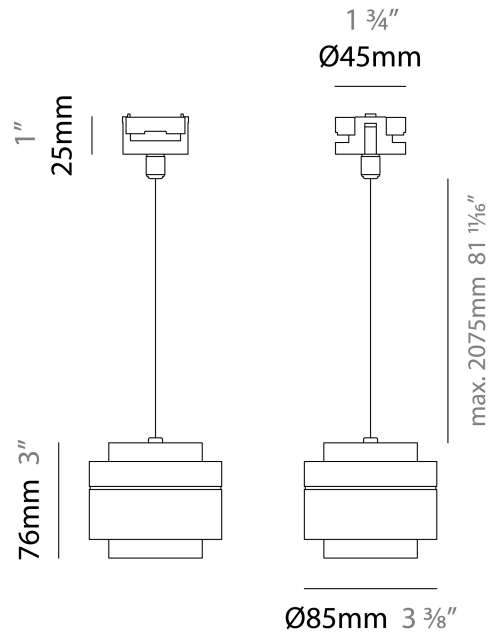Delivered Lumen Range: 500 - 1999 lm
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 831 / 878
Nominal Lumen (lm): 1010 / 1068
CRI: >97 CRI
Lamp Life (hrs): 50000

OPTICAL

Optic°: 12 - 46

RATINGS AND CERTIFICATIONS

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

1 ¾" Ø45mm
1" 25mm
max. 2075mm 81 ¹¹⁄₁₆"
76mm 3"
Ø85mm 3 ⅜"

(A)

October 6, 2024, 9:08 am

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A7LEVEL-MOD-SYS COMPONENTS TRACK

A7T00032-

DESCRIPTION

Level - Mini - Adjustable Spot 11.2W, 48V, 250mA, CRI 97

GENERAL

Series: Level
Brand: Letroh
Division: Architectural
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Spots

PHYSICAL

Shape: Cylinder
Diameter (mm): 45
Diameter (in): 1 $\frac{3}{4}$
Height (mm): 109
Height (in): 4 $\frac{5}{16}$
Light Distribution: Downlight
Weight (kg): 0.12
Weight (lbs): 0.26
Fixture Finish: WHI / BLK
Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 11.2
Bulb Included: Bulb Included
Total Output Wattage (W): 7.8
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP50
Input Voltage (V): 120 - 277
Output Voltage (V): 48
Upon Request: Dali DImming

LED

Delivered Lumen Range: 500 - 1999 lm
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 728 / 770
CRI: >97 CRI
Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS

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

109mm 4 $\frac{5}{16}$"

Ø45mm
1 $\frac{3}{4}$"

(A)

October 6, 2024, 9:08 am

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A7LEVEL-MOD-SYS COMPONENTS TRACK

A7T00033-

DESCRIPTION

Level - Mini - Fixed Spot 11.2W, 48V, 250mA, CRI 97

GENERAL

Series: Level
Brand: Letroh
Division: Architectural
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Spots

PHYSICAL

Shape: Cylinder
Diameter (mm): 45
Diameter (in): 1 ¾
Height (mm): 69
Height (in): 2 ¹¹⁄₁₆
Light Distribution: Downlight
Weight (kg): 0.12
Weight (lbs): 0.26
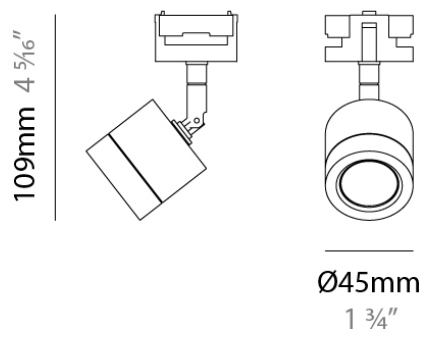Fixture Finish: WHI / BLK
Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 11.2
Total Output Wattage (W): 7.8
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP50
Input Voltage (V): 120 - 277
Output Voltage (V): 48
Upon Request: Dali Dimming

LED

Delivered Lumen Range: 500 - 1999 lm
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 728 / 770
CRI: >97 CRI
Lamp Life (hrs): 50000

OPTICAL

Adjustability: Fixed

RATINGS AND CERTIFICATIONS

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

69mm 2 ¹¹⁄₁₆"

Ø45mm
1 ¾"

(A)

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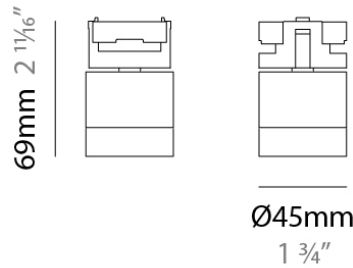
A7LEVEL-MOD-SYS COMPONENTS TRACK

A7T00034-

DESCRIPTION

Level - Mini - Fixed Spot Diffuser - 11.2W, 48V, 250mA, CRI 97

GENERAL

Series: Level
Brand: Letroh
Division: Architectural
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Spots

PHYSICAL

Shape: Cylinder
Diameter (mm): 45
Diameter (in): 1 $\frac{3}{4}$
Height (mm): 69
Height (in): 2 $\frac{11}{16}$
Light Distribution: Downlight
Weight (kg): 0.11
Weight (lbs): 0.24
Fixture Finish: WHI / BLK
Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 11.2
Total Output Wattage (W): 7.8
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP50
Input Voltage (V): 120 - 277
Output Voltage (V): 48
Upon Request: Dali Dimming

LED

Delivered Lumen Range: 500 - 1999 lm
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 728 / 770
CRI: >97 CRI
Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS

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

69mm 2 $\frac{11}{16}$"

Ø45mm
1 $\frac{3}{4}$"

(A)

October 6, 2024, 9:08 am

ZANEEN®

A7LEVEL-MOD-SYS COMPONENTS TRACK

A7T00035-

DESCRIPTION

Level - Mini - Suspension Spot - 11.2W, 48V, 250mA, CRI 97

GENERAL

Series: Level
Brand: Letroh
Division: Architectural
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Spots

PHYSICAL

Shape: Cylinder
Diameter (mm): 45
Diameter (in): 1 $\frac{3}{4}$
Height (mm): 69
Height (in): 2 $\frac{11}{16}$
Max. Overall Height (mm): 2069
Max. Overall Height (in): 81 $\frac{7}{16}$
Light Distribution: Downlight
Weight (kg): 0.23
Weight (lbs): 0.51
Fixture Finish: WHI / BLK
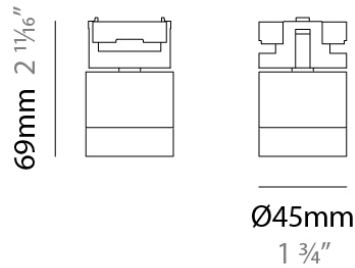Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 11.2
Total Output Wattage (W): 7.8
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Housing: ENCP50
Input Voltage (V): 120 - 277
Output Voltage (V): 48
Upon Request: Dali Dimming

LED

Delivered Lumen Range: 500 - 1999 lm
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 728 / 770
CRI: >97 CRI
Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS

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

1 ¾"
Ø45mm

1"
25mm

max. 2000mm 78 ¾"

69mm 2 ¹¹⁄₁₆"

Ø45mm
1 ¾"

(A)

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A7LEVEL-MOD-SYS COMPONENTS

DND1000048TLC

DESCRIPTION

Tridonic - LC 48V 100W DC-STR UNV FO lp - 120-277Vac - 48Vdc - 96W - Non-dimming driver -Used with ENCP7 -Available with IP68 – Outdoor Rated – Enclosure TBD

GENERAL

Division: Architectural : Components

PHYSICAL

Length (mm): 425

Length (in): 16 $\frac{3}{4}$

Width (mm): 30

Width (in): 1 $\frac{3}{16}$

Height (mm): 21

Height (in): 13/16

Weight (kg): 0.756

Fixture Material: Metal

ELECTRICAL

Lamp Type: LED

Input Wattage (W): Max. 106

Total Output Wattage (W): 100

Dimming: Non-Dimmable

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Voltage (V): 48Vdc

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

October 6, 2024, 9:08 am

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A7LEVEL-MOD-SYS COMPONENTS

ENCP50

DESCRIPTION

Empty Metal Enclosure for Driver - IP20 - Indoor Rated

GENERAL

Division: Architectural : Components

PHYSICAL

Shape: Rectangle

Length (mm): 670

Length (in): 26 $\frac{3}{8}$

Width (mm): 44

Width (in): 1 $\frac{3}{4}$

Height (mm): 38

Height (in): 1 $\frac{1}{2}$

Gasket: 1554JGASKET

Fixture Material: Metal

RATINGS AND CERTIFICATIONS

IP rating: IP20

37mm 1 $\frac{7}{16}$"   670mm 26 $\frac{3}{8}$"

44mm 1 $\frac{3}{4}$"   Ø22mm $\frac{7}{8}$"   40mm 1 $\frac{9}{16}$"

October 6, 2024, 9:08 am

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PROJECT

TYPE

NOTES

QUANTITY

DATE

A7LEVEL-MOD-SYS COMPONENTS

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
	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	ETL Certified to UL and CSA Standards
	sensor	D	direct diffuser	UL	UL Certified to UL and CSA Standards
	remote control		ball-proof (upon request)	CSA	CSA Certified to UL and CSA Standards
	available upon request	⌘	accessory	Z	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)

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Availble 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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