

**THE ZIRKOL
COLLECTION**
Indoor



ZIRKOL CIRCLE

ZIRKOL C is a family of circular suspension or surface mounted lighting fixtures. Anodized aluminium body and opal screen for a homogeneous lighting. Available as single down light emission version or with up-down light emission with high flux and different colour temperatures. Available with integral driver or remote driver.

GENERAL INFORMATION

Number of light source	downlight emission up-downlight emission
Optic type (beam angle)	diffuse
Initial Color Temperature	2700K/3000K/3500K/4000K TW/WD/RGB/RGBW
Color Rendering Index	CRI>90
Diffuser type	Opal
Driver	Universal/ELV/TRIAC/0-10V
Luminaire color/finish	matt white RAL9016 matt black RAL9005 matt gold custom RAL
Mounting	Suspension 3/4/6/10 points Ceiling 3/4/6/10 points
Connections	3/4/6/10/12 adjustable metal cables length MAX 9,8'
Cable	1/2/3/5/6 electrical cable 4,5'
Adjustable	No
Dimensions	Ø 3/4/5/4/6/7/8/9/12/15/18' x 0,16'
Net weight (linear)	0,9 lb/ft

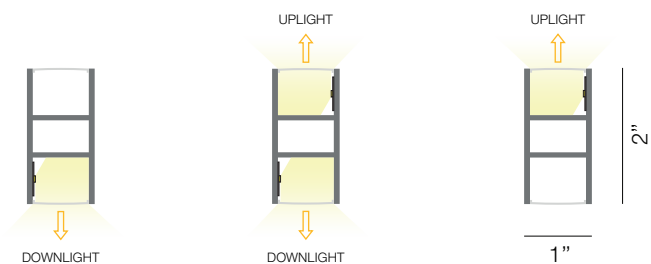
CONTROL AND DIMMING

Dimmable	TRIAC/ELV/0-10V/1-10V
Compatible controls*	0.1% Dimming option

*for specific model please verify usa@nemolighting.com



CONFIGURATION (downlight/uplight emission)



INITIAL PERFORMANCE

Parameter	N24 one side	N27 one side	N24 double side	N27 double side
Initial luminous flux (system flux) (lm/ft)	298 lm/ft	495 lm/ft	596 lm/ft	990 lm/ft
Initial input power (W/ft)	4.5 W/ft	6t W/ft	9 W/ft	12 W/ft

Initial chromaticity	SDCM<3
Luminous flux tolerance	+/- 10%
Power consumption tolerance	+/- 10%

APPLICATION CONDITION

Ambient temperature range	5°F / 95°F
Performance ambient temperature	68°F

APPROVAL AND APPLICATION

Ingress protection code	IP40
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OVER TIME PERFORMANCE

Lumen maintenance at mediam useful life* 50000 h	L80B50
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OPERATING AND ELECTRICAL

Input voltage/current	24VDC (SELV)
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DIMENSIONAL DRAWING

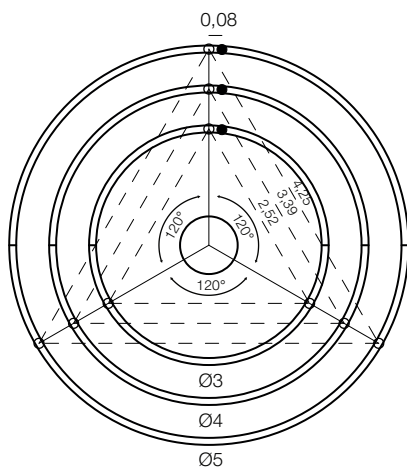
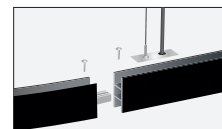
Dimension (ft)

Ø3/4/5

— Split

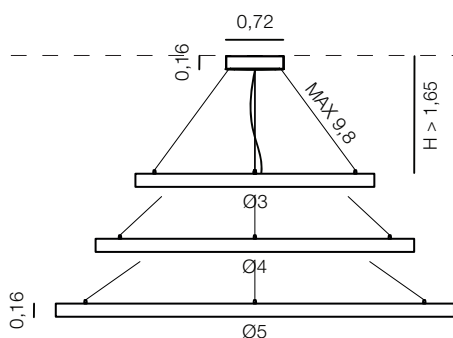
● Electrical cable

○ Iron cables / solid rod / fixing point



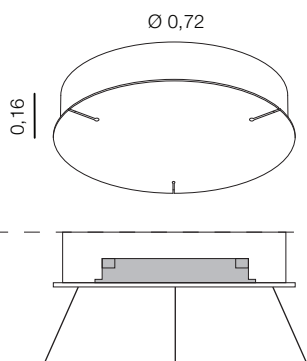
SC VERSION

Dimension (ft)



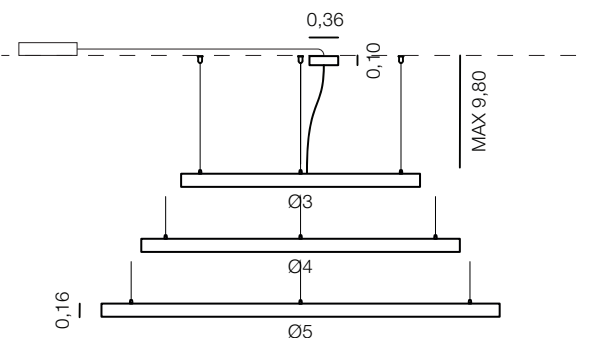
Integral driver version (inside a visible canopy)

Detail



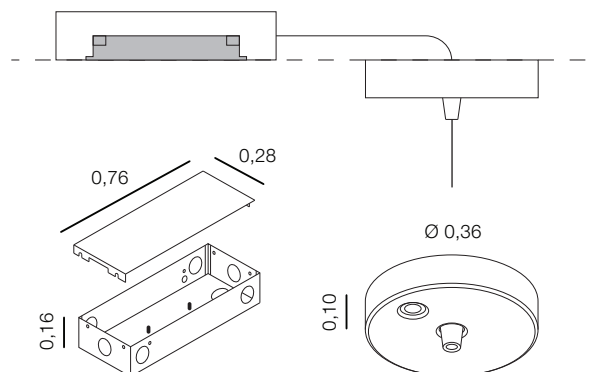
SR VERSION

Dimension (ft)



Remote driver version (metal enclosure + ceiling plate)

Detail

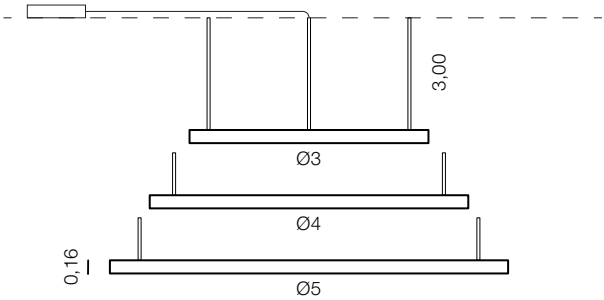


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SS VERSION

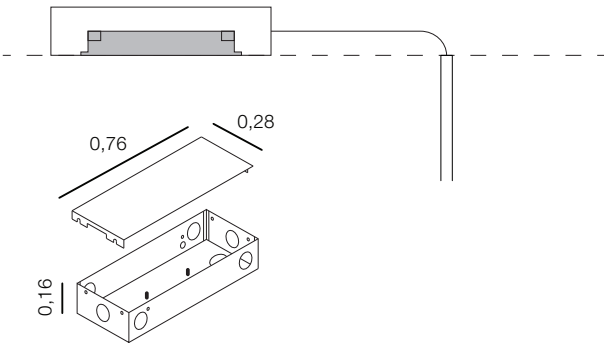
Dimension (ft)

Ø3/4/5



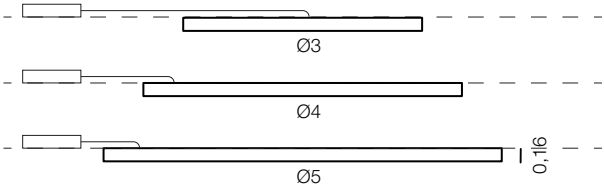
Remote driver version (metal enclosure)

Detail



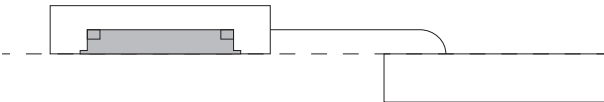
CR VERSION

Dimension (ft)



Remote driver version (metal enclosure)

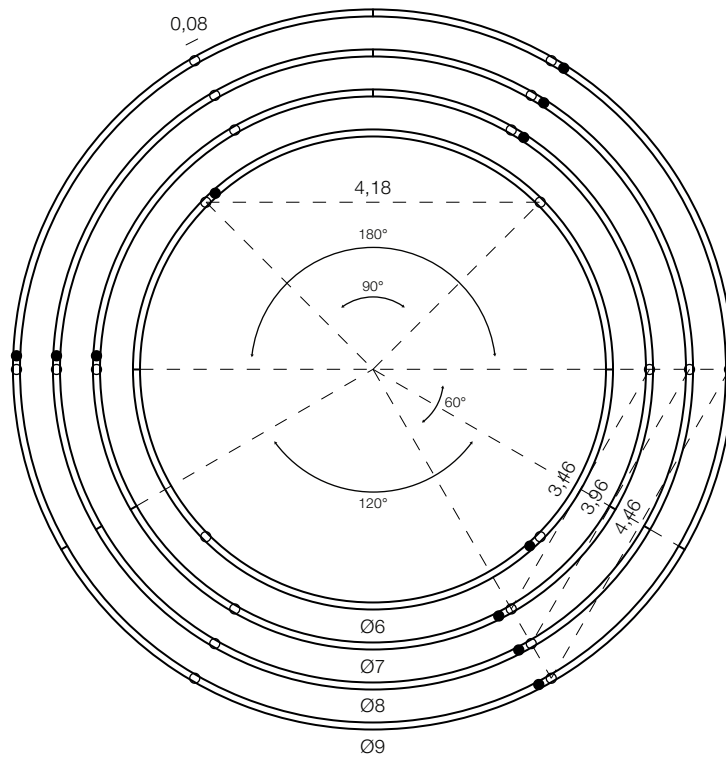
Detail



DIMENSIONAL DRAWING

Ø6/7/8/9

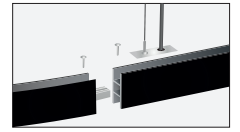
Dimension (ft)



— Split

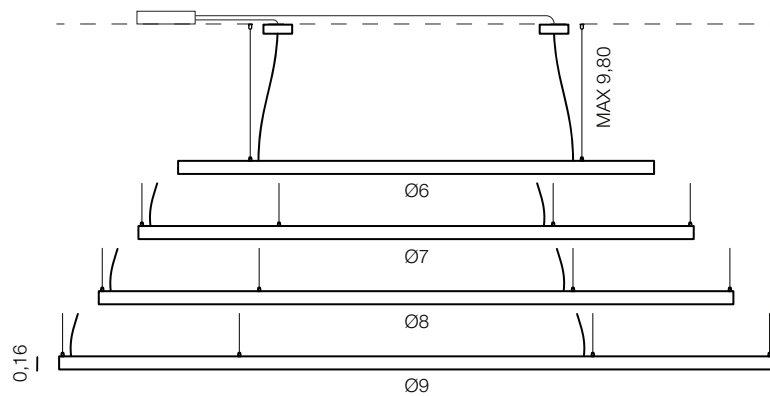
● Electrical cable

○ Iron cables / solid rod / fixing point



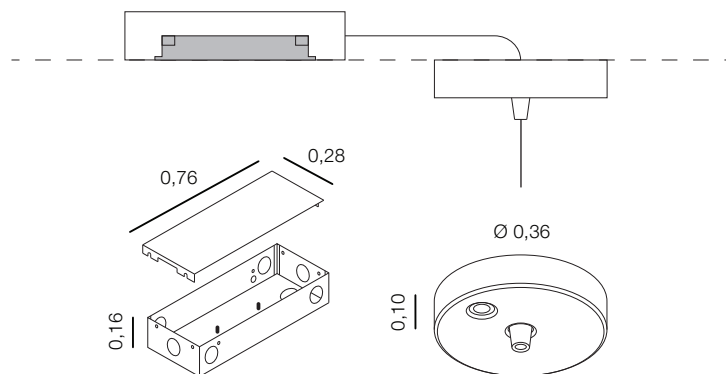
SR VERSION

Dimension (ft)



Remote driver version (metal enclosure + ceiling plate)

Detail

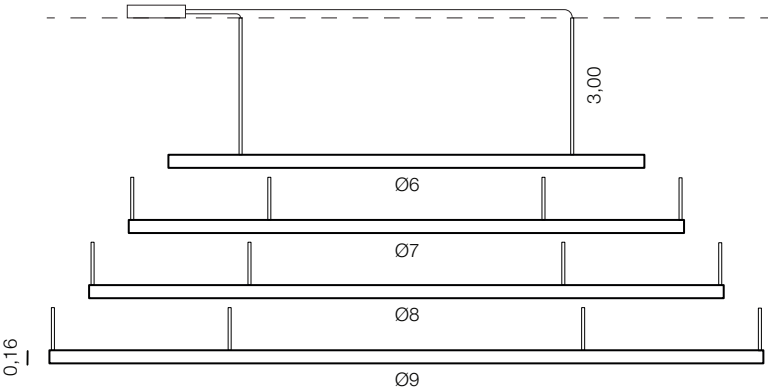


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SS VERSION

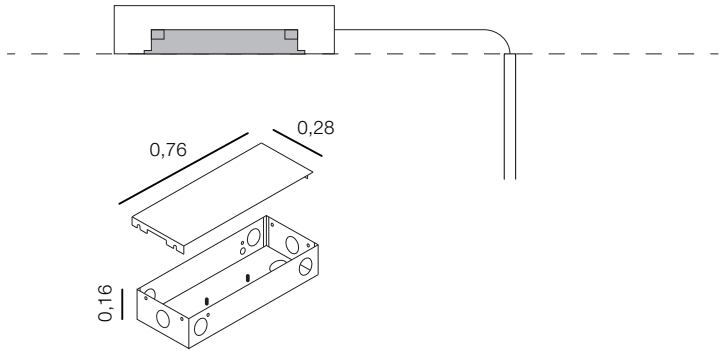
Dimension (ft)

Ø6/7/8/9



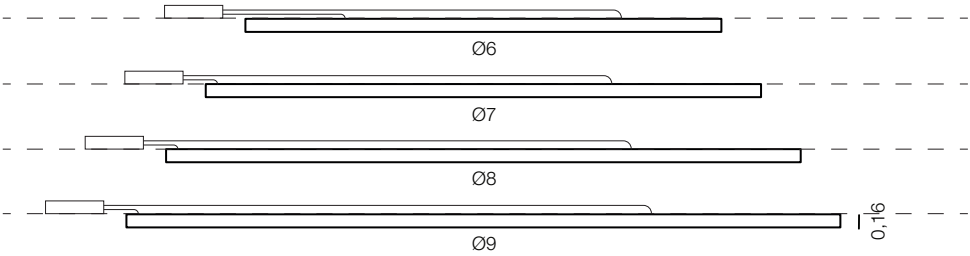
Remote driver version (metal enclosure)

Detail



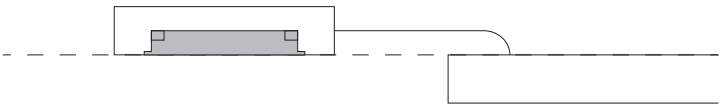
CR VERSION

Dimension (ft)



Remote driver version (metal enclosure)

Detail



DIMENSIONAL DRAWING

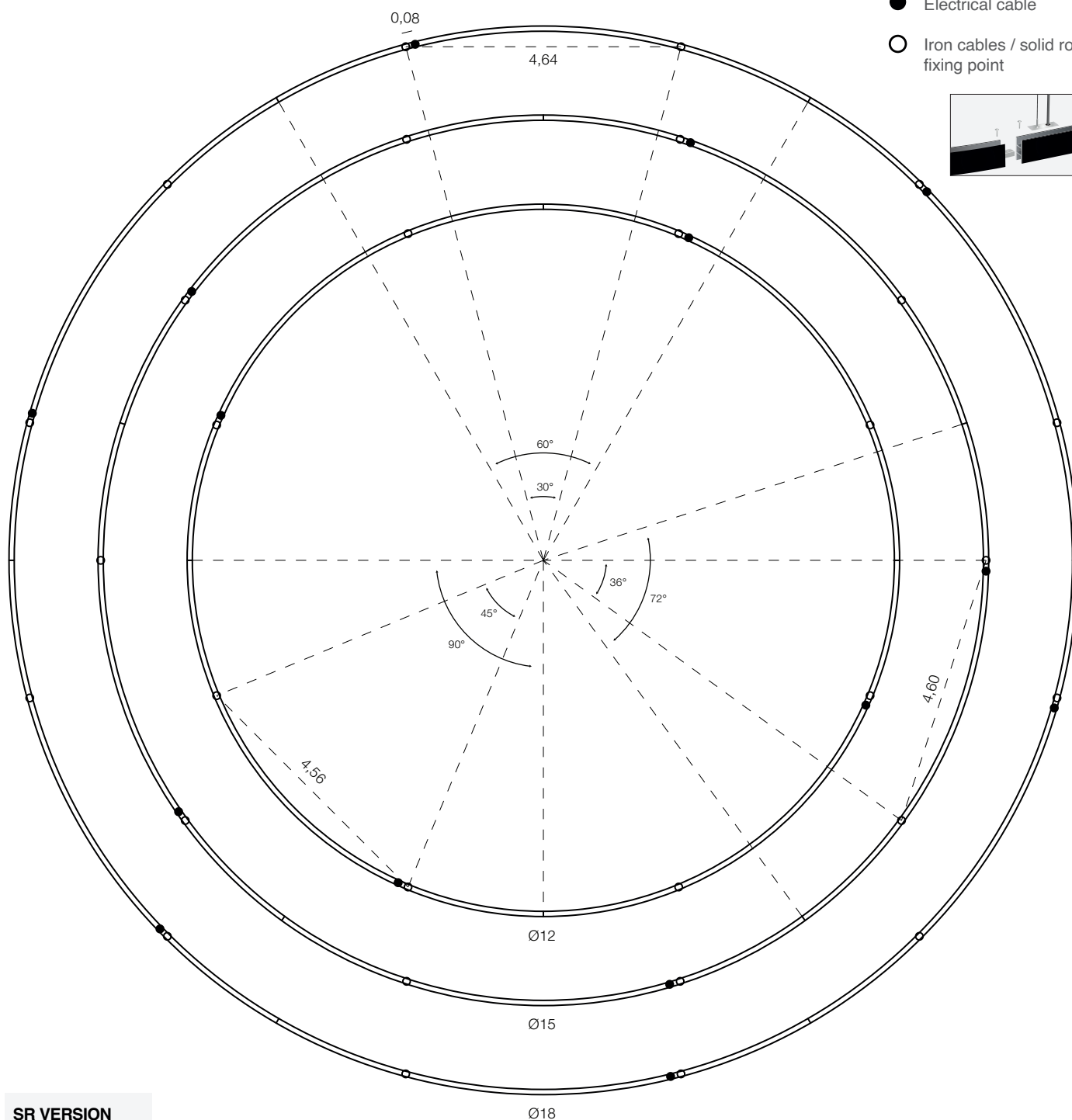
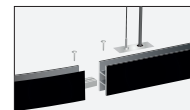
Ø12/15/18

Dimension (ft)

— Split

● Electrical cable

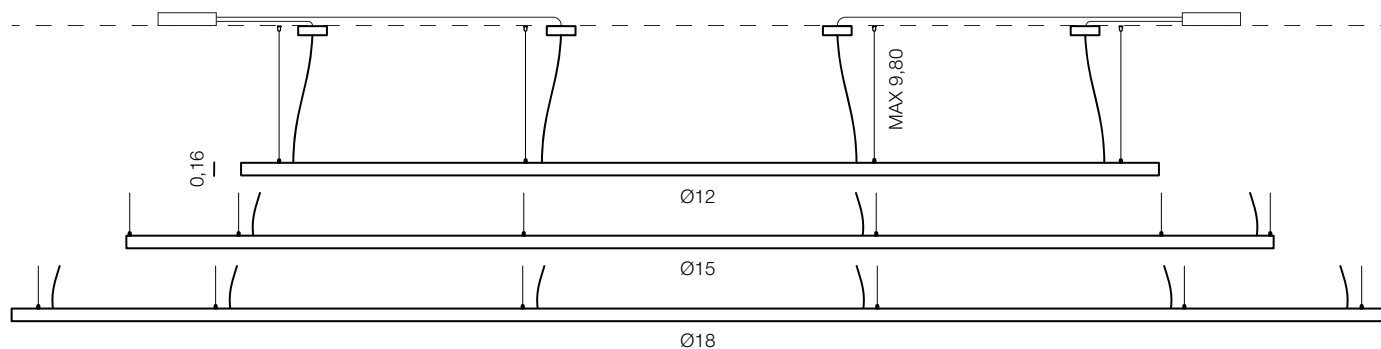
○ Iron cables / solid rod /
fixing point



SR VERSION

Dimension (ft)

Remote driver version
(metal enclosure + ceiling plate)

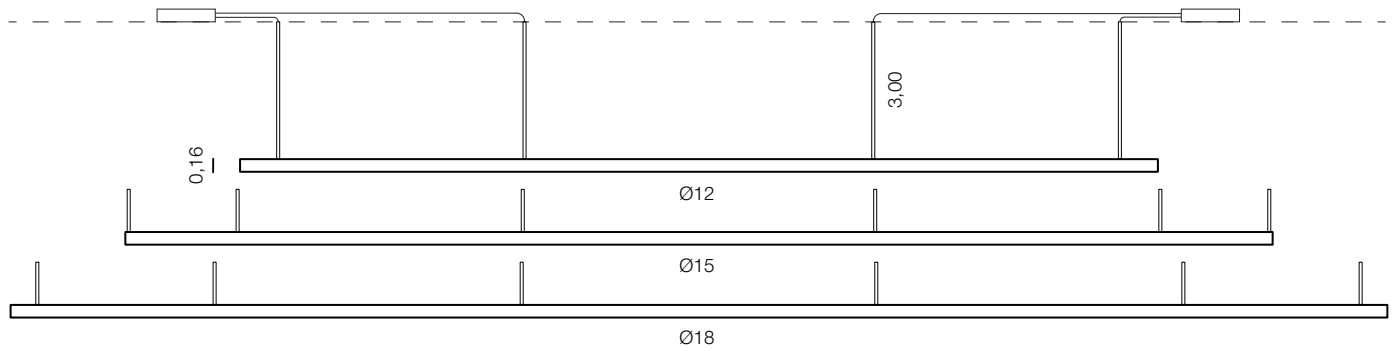


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SS VERSION

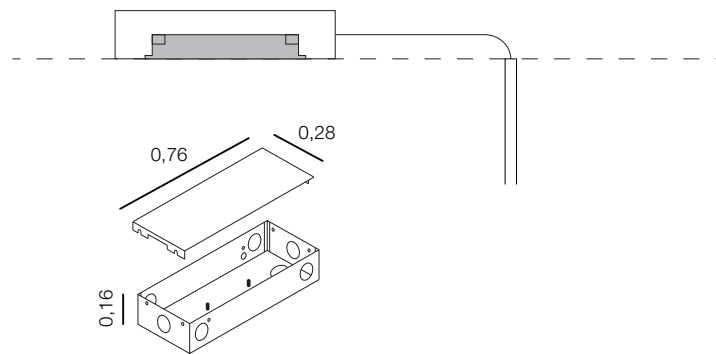
Ø12/15/18

Dimension (ft)



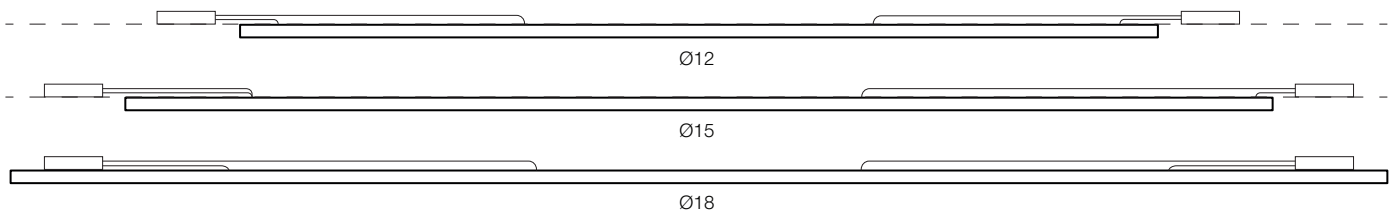
Remote driver version (metal enclosure)

Detail



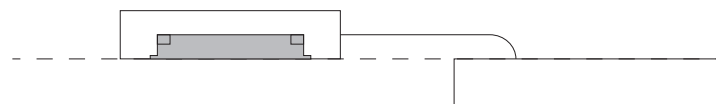
CR VERSION

Dimension (ft)



Remote driver version (metal enclosure)

Detail



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CODES

Each code string defines a single product and must be composed by referring to the table below. The code must be composed by placing the abbreviations of the individual characteristics side by side in the indicated order.

CODE

Example **U ZD C SC 03 11 O 27 B U**

Zirkol USA 110V downlight only, circle shape, suspended integral driver with aircraft, 3' diameter, LED strip N24 CRI90 4,5W/ft, opal lens, 2700K color temperature, black finishing, Universal driver control.

1	Category	2	Family name	3	Product name	4	Typology
U	USA 110V	ZD	Zirkol Downlight only	C	Circle	SC*	Suspended Integral driver (with aircraft)
		ZI	Zirkol Uplight only			SR	Suspended Remote driver (with aircraft)
		ZB	Zirkol Up-Downlight			SS	Suspended Remote driver (with solid rod 3')
						CR	Surface Remote driver (metal enclosure)

☐ **U** ☐ ☐ **C** ☐ *available only for Ø3/4/5'

5 Lenght		6 LED/Wattage		7 Lens		8 CCT			
03	3'	08	8'	11	N24 CRI90 4,5W/ft	O	Opal	27	2700 K
04	4'	09	9'	21	N27 CRI80 6W/ft		30	3000 K	
05	5'	12	12'	12	N24 double 9W/ft		35	3500 K	
06	6'	15	15'	22	N27 double 12W/ft		40	4000 K	
07	7'	18	18'				TW	Tunable white	
							WD	Warm Dim	
							RB	RGB	
							RW	RGBW	

☐ ☐ ☐ **O** ☐

9	Finishing	10	Driver Control type	CONFIGURATIONS emission types					
B	Black RAL 9005	U	Universal (TRIAC/ELV/0-10V/1-10V)		SINGLE SIDED LED 1 EMITTING SURFACE DOWNLIGHT		SINGLE SIDED LED 1 EMITTING SURFACE UPLIGHT		SINGLE SIDED LED 1 EMITTING SURFACE DOWNLIGHT + UPLIGHT
W	White RAL 9016								
G	Gold								
C	Custom color*								
*please contact factory usa@nemolighting.com		*no junction box included							
				DOUBLE SIDED LED 2 EMITTING SURFACE DOWNLIGHT			DOUBLE SIDED LED 2 EMITTING SURFACE UPLIGHT	DOUBLE SIDED LED 2 EMITTING SURFACE DOWNLIGHT + UPLIGHT	

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