NEEDLE TRC, OK, TRC OK

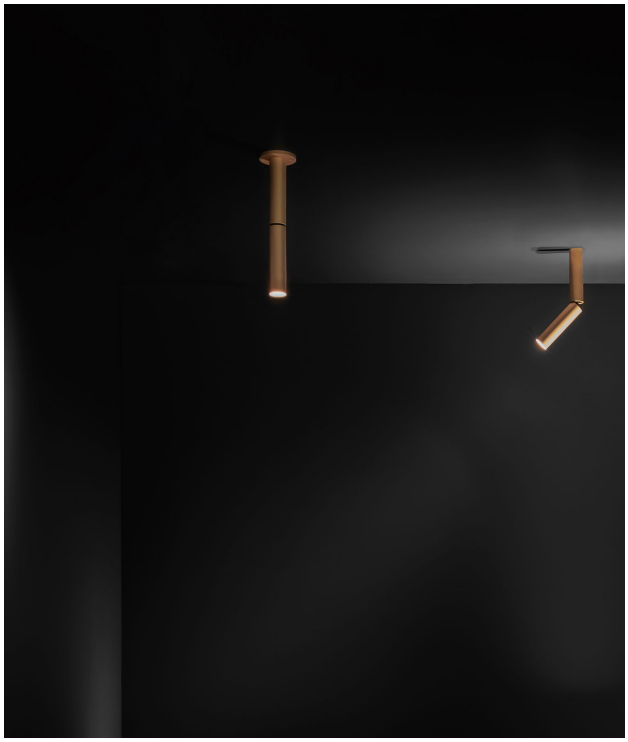


Image shows European canopy; see Page 2 for actual canopy dimensions.

The slender shape of the Needle family brings a touch of elegance into any project. Slim tubes, just carelessly hanging down from the ceiling or cleverly peeking around to throw a highlight wherever needed. Combine multiple fixtures to create playful clusters or use it as a single luminaire in all its simplicity.

Specification	
Installation Method:	4" junction box
Adjustability:	Adjustable 0-50° / 350° or Fixed
Rating:	Damp

Performance	
CRI / TM-30 (3000K):	90 / Rf: 92 / Rg: 98
SDCM:	2
LED Maintenance:	L90B10>41,000h
*Low Power (LP):	4.7W
[2]Remote Power Supply Capacity (# luminaires) LP:	D1-UNV min1-max4 D8A-120 min1-max2
*Medium Power (MP):	6.6W
[2]Remote Power Supply Capacity (# luminaires) MP:	D1-UNV min1-max3 D8A-120 min1-max1 / D8B-120 min2-max3
*High Power (HP):	9.4W
[2]Remote Power Supply Capacity (# luminaires) HP:	D1-UNV min1-max4 D8A-120 min2-max3

Delivered Lumens	2700K		3000K		3500K	
**Optics:	NS	MD	NS	MD	NS	MD
Needle MP:	364	380	364	380	364	380
Needle HP:	475	496	475	496	475	496

Listing
ETL certified to US and Canadian safety standards.

Warranty
5-year limited warranty.

Ordering
ALL BOXES MUST BE FILLED IN TO CORRECTLY ORDER

Example: NDL1-HPMD27F-FG-ONRMTD8-120

Luminaire	Size	Power*	Optic**	CCT	Function	Finish	Installation	Application	Controls***
NDL NEEDLE	**1** Single spot	**LP**[1] Low Power **MP** Medium Power	**NS** Narrow Spot 13° **MD** Medium Spot 33°	**27** 2700K **30** 3000K **35** 3500K	**A** Adjustable (OK) **F** Fixed	**BBR** Black Bronze **FG** Flemish Gold	**ON** Surface canopy for 4" junction box **TL** Surface install with mud kit into drywall over 4" junction box (TRC)	**RMT**[2] Remote Power Supply	**D1-UNV** 0-10V dim 120-277V **D1-347** 0-10V dim 347V **D8A-120** FE ELV dim 120V **D8B-120**[1] FE ELV dim 120V
		HP[1] High Power	**NS** Narrow Spot 13° **MD** Medium Spot 33°	**27** 2700K **30** 3000K **35** 3500K	**F** Fixed				

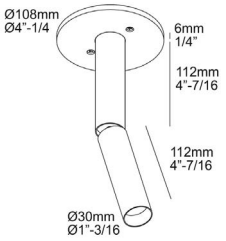
1 Only Power MP is available with Controls D8B.
2 Remote power supply capacity noted in table above.
*** Contact factory for Dali, DMX, or other dimming options.

Related Products

M-Needle (mounts to recessed, surface, or suspended low voltage system), Microspy C (pendant), M-Microspy C (mounts to recessed, surface, or suspended low voltage system), Spy C (pendant)

Finish Options

NEEDLE ADJUSTABLE ON



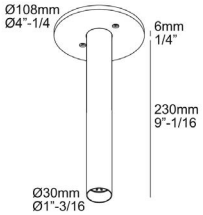


BLACK BRONZE
(Shown with European canopy)



FLEMISH GOLD
(Shown with European canopy)

NEEDLE FIXED ON



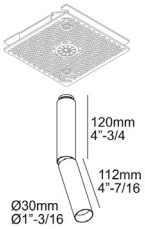


BLACK BRONZE
(Shown with European canopy)



FLEMISH GOLD
(Shown with European canopy)

NEEDLE ADJUSTABLE TRIMLESS



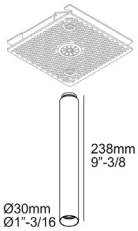


BLACK BRONZE



FLEMISH GOLD

NEEDLE FIXED TRIMLESS





BLACK BRONZE



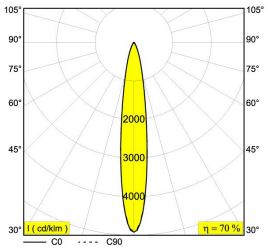
FLEMISH GOLD



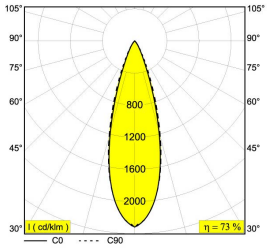
DETAIL
ADJUSTABLE

Photometric Data

NEEDLE



NS 13°



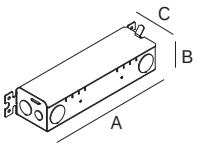
MD 33°

Installation Options

REMOTE DRIVER (With Controls D8)

A: 8″ x **B:** 2″-1/2 x **C:** 2″-1/2
A: 203mm x **B:** 64mm x **C:** 64mm

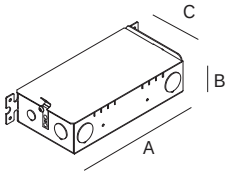
- For Remote application
- ETL Listed
- Damp rated



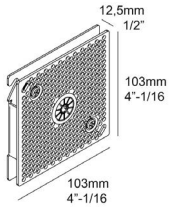
REMOTE DRIVER (With Controls D1)

A: 8″ x **B:** 2″-3/16 x **C:** 4″-1/4
A: 203mm x **B:** 72mm x **C:** 108mm

- For Remote application
- ETL Listed
- Damp rated



MK - MUD KIT 7



Requires 4" J-Box

Driver Options

D1

- Dimming Control 0-10V
- Dimming Range 1-100%
- Dim to off yes at 0.7mA
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥87
- THD @ Full Load <20%
- Title 24 Compliant

Dimmer Compatibility

- Leviton IP710-DLZ
- Lutron DVTV-XX
- WattStopper ADF-120277
- Synergy Lighting Controls ISD BC

D8

- Dimming Control Phase Control
- Dimming Range 10-100%
- Dim to off no
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥78
- THD @ Full Load <12%

Dimmer Compatibility

- Leviton IPE04-1LZ
- Lutron DVELV-300P

D8 (With Power MP or HP - 2-3 Fixtures)

- Dimming Control Phase Control
- Dimming Range 20-100%
- Dim to off yes
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥80
- THD @ Full Load <10%

Dimmer Compatibility

- Leviton IPE04-1LZ
- Lutron DVELV-300P

As technology changes, please use information above as guidance. For most recent updated information please contact factory. Specifications subject to change without notice.