MODULAR
LIGHTING
INSTRUMENTS
— *by MLI NA Corporation*

Project	
Type	
Contact	

SLD25

Overview

SLD25 SUSPENDED - ANODISED SILVER BRONZE

SLD25 SURFACE - BLACK STRUCTURE

SLD25 WALL - BRONZE

Formerly SL Nano, SLD25 is our narrowest U-shaped profile. SLD25 poly out, available with a PC diffuser on the outside, guarantees a light-filling effect in any room. Available with LEDs. Suitable for surface mounting on the wall or ceiling, also works wonders as a suspended luminaire.

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Specification Worksheet

- Shop drawing is required for all projects
- Contact the factory for projects bigger or more complex than this worksheet allows
- LED strip can be mounted at the factory or can be field installed (LED strip is always mounted at the factory for Suspended Ceiling applications)
- Identify 24V cable feed locations for each section or every 3m or 5m (LED roll lengths)
- For conversion (meters to feet): 1m = 3.28ft

Luminaire

Mounting	Finish	CCT	LED Strip	LED Output
Surface Ceiling	Anodised Bronze	2700K	Factory Mounted	1000lm/m
Surface Wall	Anodised Champagne	3000K	Field Installed	2000lm/m
Suspended Ceiling	Anodised Silver Bronze	3500K		
	Black Structure			
	White Structure			

Pattern Type

Straight	Rectangular	L	U	Z
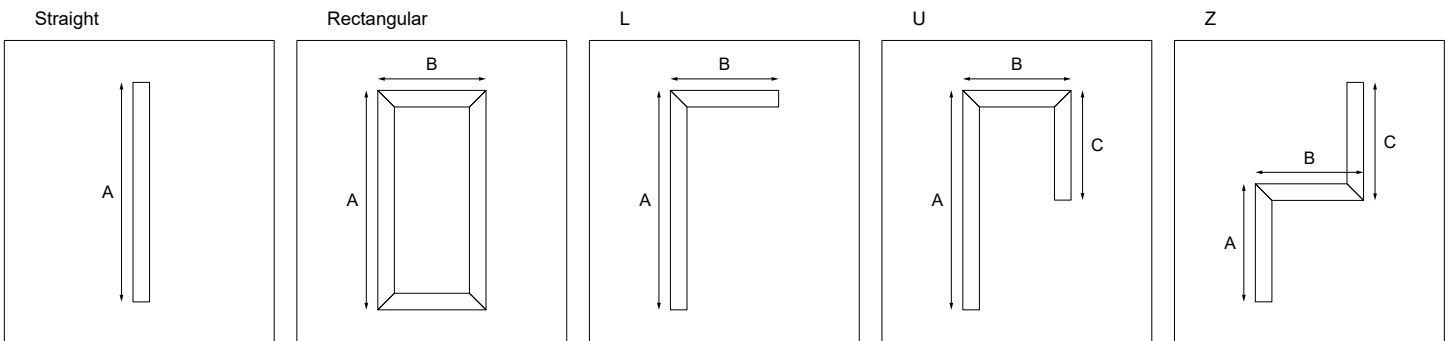
Overall Dimensions (inches)			Quantity (pcs)
A	B	C	

Remote Driver

Output Voltage	Output Power	Input	Dim Type	Quantity (pcs)
24VDC	60W	120-277VAC	0-10V, ELV & Triac	
24VDC	96W	120-277VAC	0-10V, ELV & Triac	

Typical Layouts
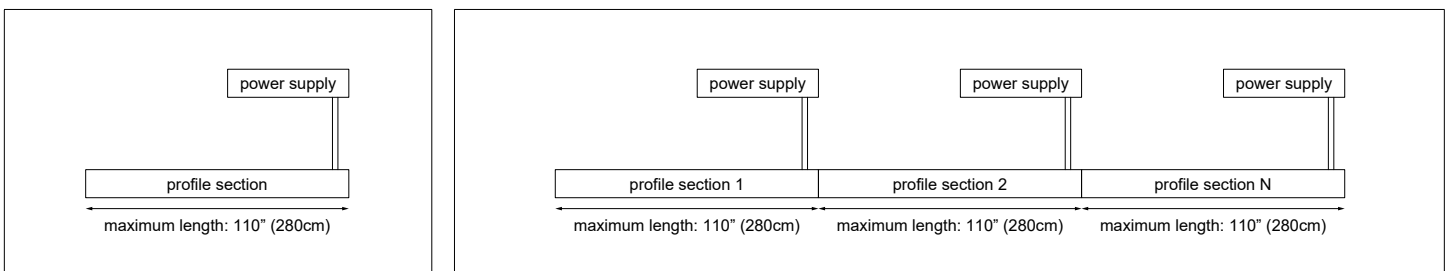
Single Profile

Multi Profile

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General Information

- Shop drawing is required for all projects
- Each profile / project is made to order
- Miter joints are cut at the factory
- Specify lengths to nearest 1/16"
- Base profile material: extruded aluminum
- Base profile finish: powder coat or anodisation
- Lens diffuser material: PC
- Weight: maximum 0.6lb/ft
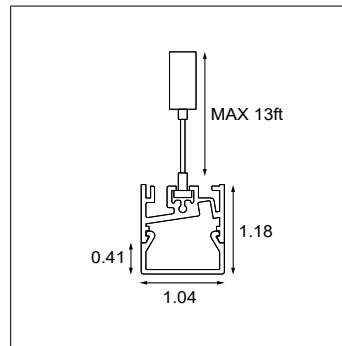
Electrical

- UL Class 2 only
- 24VDC LED strip
- Requires power supply (remote driver)
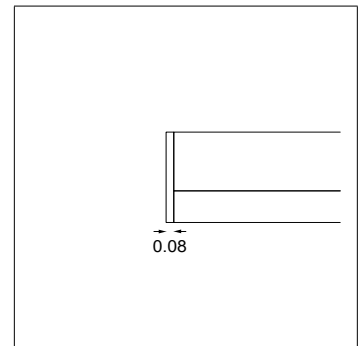- Maximum 96W per power feed
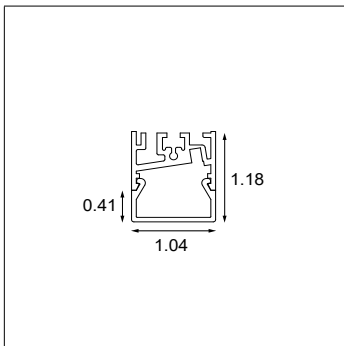
Surface Ceiling
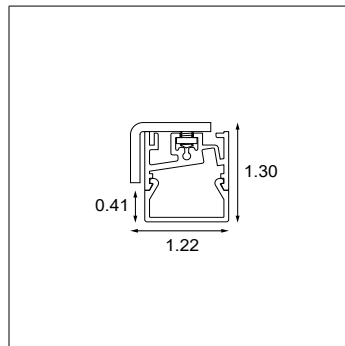
Surface Wall

Suspended Ceiling

Endplate Thickness

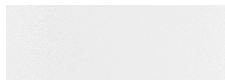### Finish Information

Bronze (BRBA)
Anodised (Brushed)

Champagne (CHBA)
Anodised (Brushed)
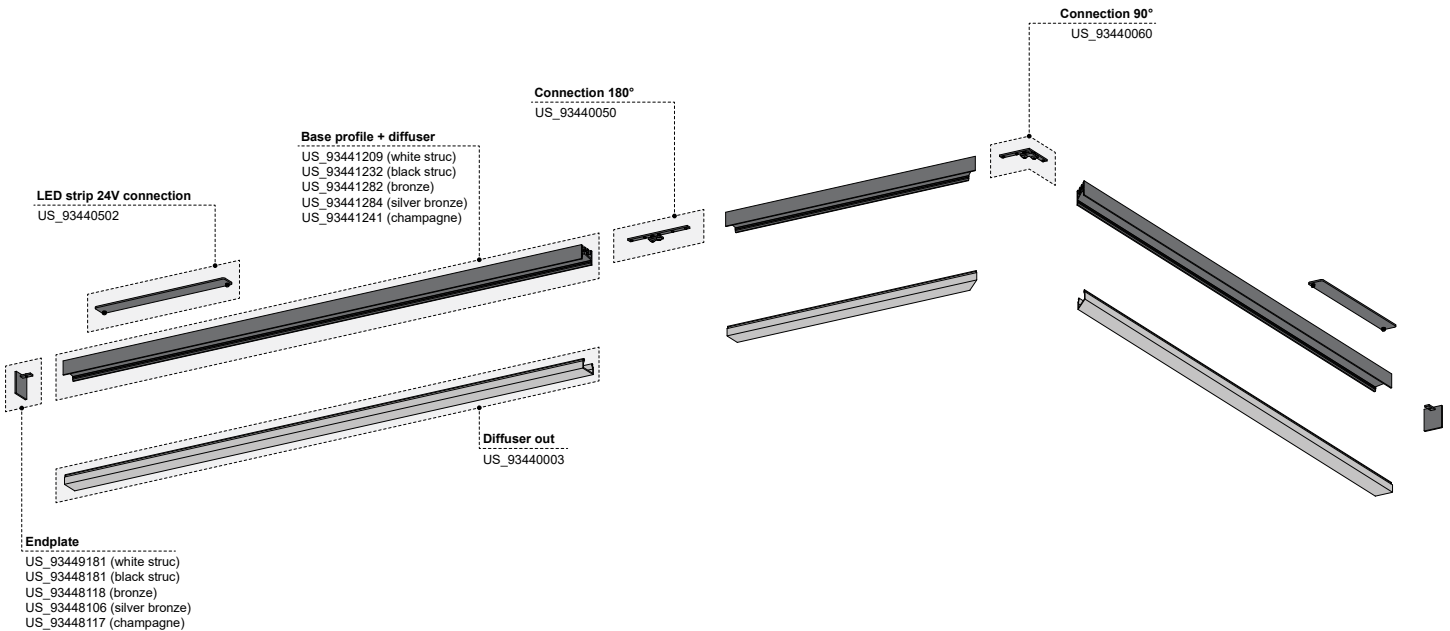
Silver Bronze (SBBA)
Anodised (Brushed)

Black Structure (BLS)
Powder Coat (Matte)

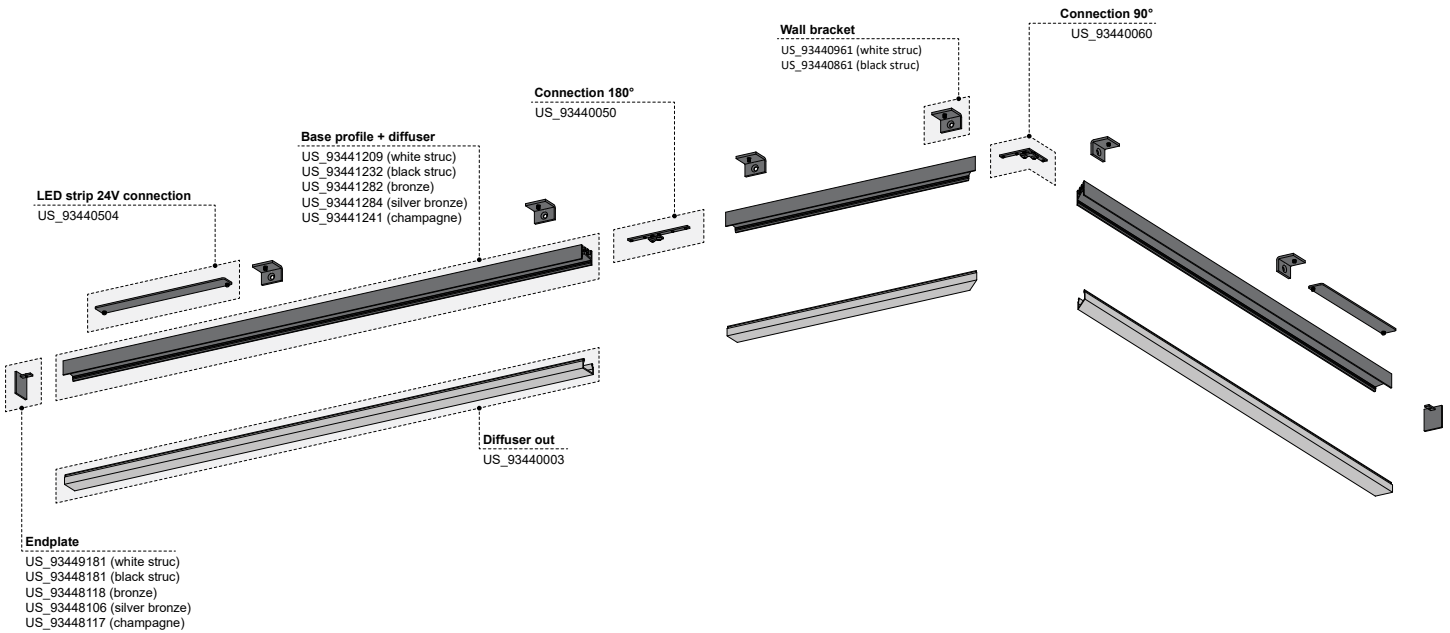White Structure (WHS)
Powder Coat (Matte)

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Components & Configuration - Surface Ceiling

- 180° connections can be used to join sections for "continuous run" appearance
- 90° connections can be used for inside or outside corners
- Surface fixation holes are milled at the factory (article code: US_93441000), additional surface fixation holes can be drilled in the field
- LED strip can be mounted at the factory or can be field installed
- If the LED strip is field installed, it can be run over 180° joints for "continuous run" appearance
- LED strip 24V connection is needed for each power feed
- Identify 24V cable feed locations for each section or every 3m or 5m (LED roll lengths)
- For conversion (meters to feet): 1m = 3.28ft

Connection 90°
US_93440060

Connection 180°
US_93440050

Base profile + diffuser
US_93441209 (white struc)
US_93441232 (black struc)
US_93441282 (bronze)
US_93441284 (silver bronze)
US_93441241 (champagne)

LED strip 24V connection
US_93440502

Diffuser out
US_93440003

Endplate
US_93449181 (white struc)
US_93448181 (black struc)
US_93448118 (bronze)
US_93448106 (silver bronze)
US_93448117 (champagne)

Components & Configuration - Surface Wall

- 180° connections can be used to join sections for "continuous run" appearance
- 90° connections can be used for inside or outside corners
- Number of wall brackets: every 4.9ft (1.5m) and minimum 2 per profile section
- LED strip can be mounted at the factory or can be field installed
- If the LED strip is field installed, it can be run over 180° joints for "continuous run" appearance
- LED strip 24V connection is needed for each power feed
- Identify 24V cable feed locations for each section or every 3m or 5m (LED roll lengths)
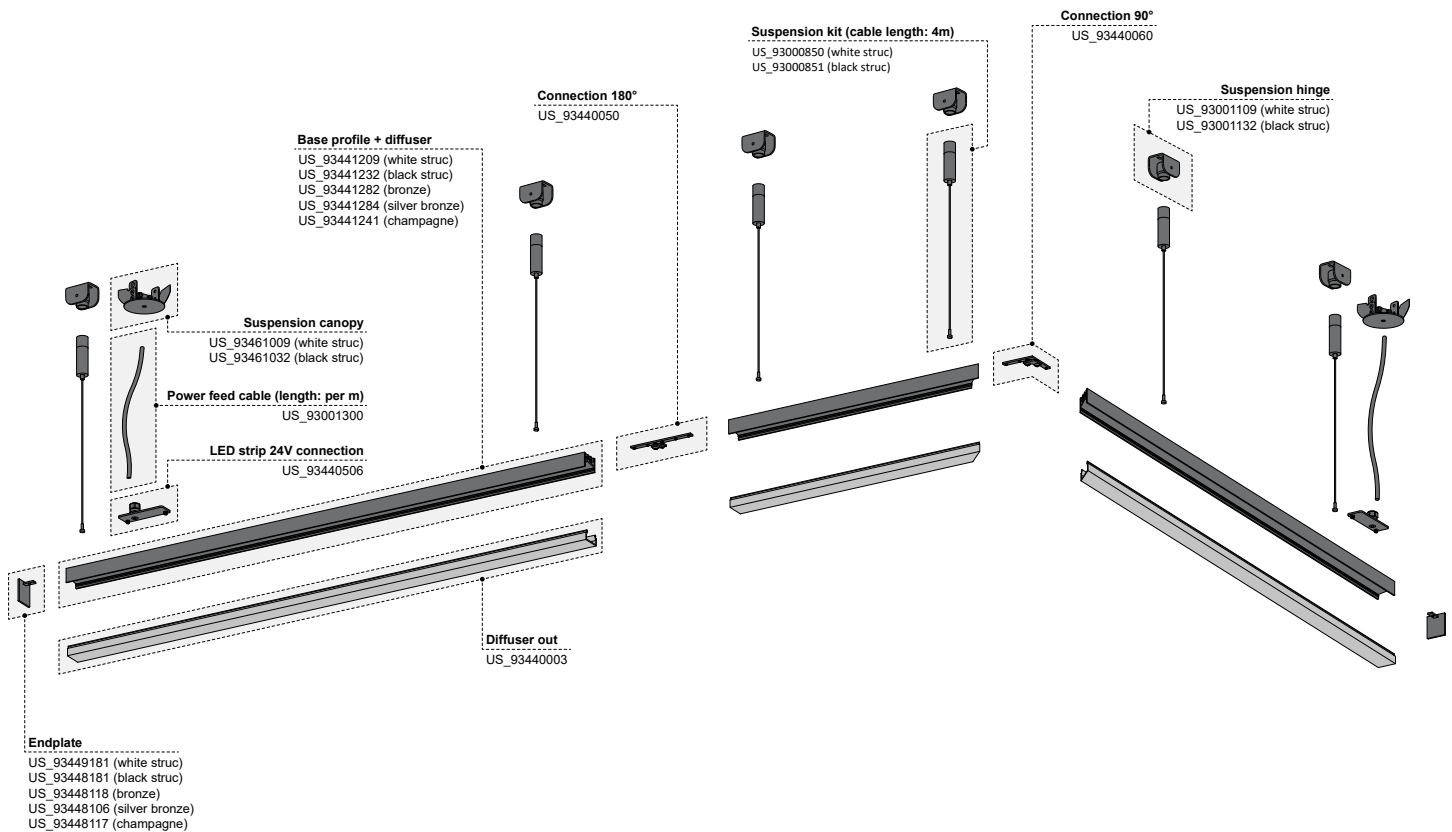- For conversion (meters to feet): 1m = 3.28ft

Wall bracket
US_93440961 (white struc)
US_93440861 (black struc)

Connection 90°
US_93440060

Connection 180°
US_93440050

Base profile + diffuser
US_93441209 (white struc)
US_93441232 (black struc)
US_93441282 (bronze)
US_93441284 (silver bronze)
US_93441241 (champagne)

LED strip 24V connection
US_93440504

Diffuser out
US_93440003

Endplate
US_93449181 (white struc)
US_93448181 (black struc)
US_93448118 (bronze)
US_93448106 (silver bronze)
US_93448117 (champagne)

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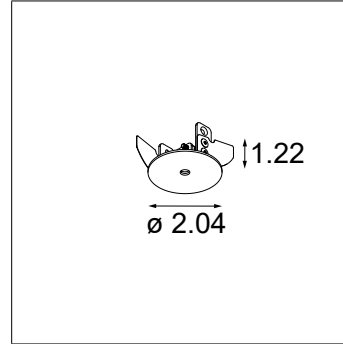## Components & Configuration - Suspended Ceiling

- 180° connections can be used to join sections for "continuous run" appearance
- 90° connections can be used for inside or outside corners
- Number of suspension kits: every 4.9ft (1.5m) and minimum 2 per profile section
- LED strip is always mounted at the factory
- If the LED strip is field installed, it can be run over 180° joints for "continuous run" appearance
- LED strip 24V connection is needed for each power feed
- Identify 24V cable feed locations for each section or every 3m or 5m (LED roll lengths)
- Power feed cable diameter: 0.23"
- Power feed cable color: black
- Power feed cable finish: PVC
- Suspension Canopy is optional
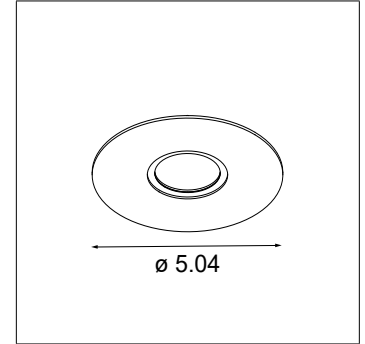- For conversion (meters to feet): 1m = 3.28ft

Connection 180°
US_93440050

Base profile + diffuser
US_93441209 (white struc)
US_93441232 (black struc)
US_93441282 (bronze)
US_93441284 (silver bronze)
US_93441241 (champagne)

Suspension kit (cable length: 4m)
US_93000850 (white struc)
US_93000851 (black struc)

Connection 90°
US_93440060

Suspension hinge
US_93001109 (white struc)
US_93001132 (black struc)

Suspension canopy
US_93461009 (white struc)
US_93461032 (black struc)

Power feed cable (length: per m)
US_93001300

LED strip 24V connection
US_93440506

Diffuser out
US_93440003

Endplate
US_93449181 (white struc)
US_93448181 (black struc)
US_93448118 (bronze)
US_93448106 (silver bronze)
US_93448117 (champagne)

Mounting Accessories Specifications - Suspended Ceiling

Suspension Canopy

- Suspension Canopy is optional
- Must be combined with Backplate or Plaster Plate for installation with a 4"x4" octagonal junction box (ordered separately)
- Must be combined with Connection Box for installation without junction box (ordered separately)
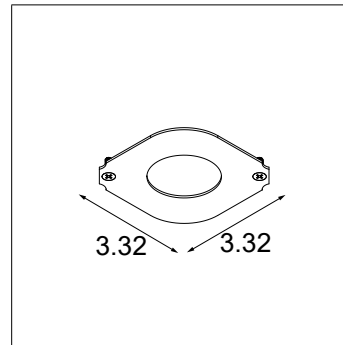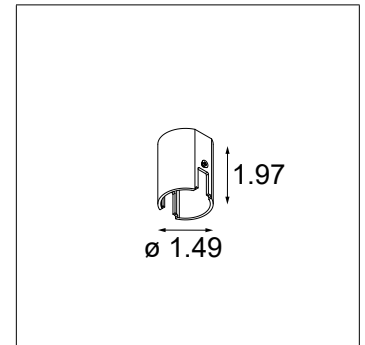- Material: stainless steel
- Finish: powder coat

Backplate

- For Suspension Canopy installation with a 4"x4" octagonal junction box
- Backplate covers the junction box
- Material: stainless steel
- Finish: powder coat
- Thickness: 0.08"
- Weight: 0.7lbs

Plaster Plate

- For Suspension Canopy installation with a 4"x4" octagonal junction box
- Plaster finish
- Material: stainless steel
- Thickness: 0.06"
- Weight: 0.2lbs

Connection Box

- For Suspension Canopy installation without junction box
- Ceiling cutout: Ø1 3/4"
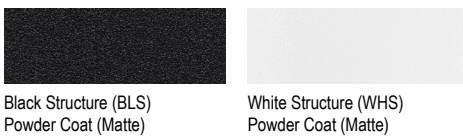- Connection Box material: aluminum
- Weight: 0.12lbs

Suspension Hinge

- Hinge is required for installation on sloped ceilings
- Attaches to the Suspension Kits (aircraft cables)
- Bracket material: stainless steel
- Finish: powder coat

Suspension Canopy

Backplate

Plaster Plate

Connection Box
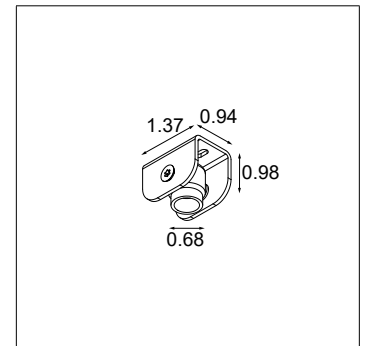
Suspension Hinge

Finish Information

Black Structure (BLS)
Powder Coat (Matte)

White Structure (WHS)
Powder Coat (Matte)

Ordering Information

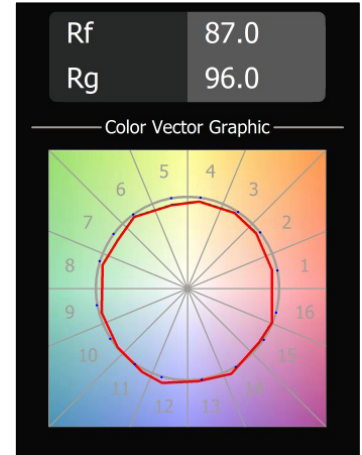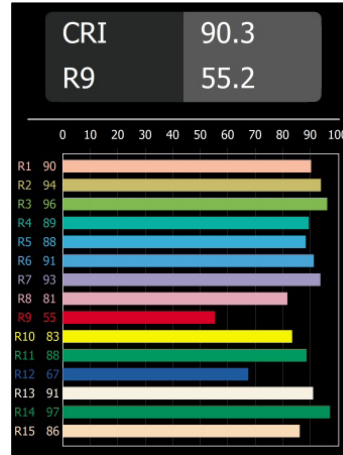| Article Code	Version	Finish
US_93461032	Suspension Canopy	Black Structure
US_93461009	Suspension Canopy	White Structure
US_93461232	Backplate	Black Structure
US_93461209	Backplate	White Structure
US_93461101	Plaster Plate	n/a
US_93461100	Connection Box	n/a
US_93001132	Suspension Hinge	Black Structure
US_93001109	Suspension Hinge	White Structure

Performance & Output Specifications

- LEDs are flexible strips with 160 LEDs per meter
- Suitable for damp locations (IP65 rated)
- CRI: >90
- Lifetime: 50.000 hrs
- Available in nominal 1000lm/m and 2000lm/m (source) outputs*
- Can be mounted at the factory or can be field installed (always mounted at the factory for Suspended Ceiling applications)
- Beam angle: 140°
- Photometric files and UGR: see website

For LED strip field installation:

- Supplied in rolls of 3m (118") and 5m (196")
- Provided with 3M adhesive on the backside (with peel protector)
- Pre-terminated with low voltage wire leads, 20" long on each end
- Can be cut every 8 LEDs, every 50mm (2")

* Output varies slightly by CCT. See performance table below.

| CRI | 90.3 |
| R9 | 55.2 |

0 10 20 30 40 50 60 70 80 90 100

R1 90, R2 94, R3 96, R4 89, R5 88, R6 91, R7 93, R8 81, R9 55, R10 83, R11 88, R12 67, R13 91, R14 97, R15 86

| Rf | 87.0 |
| Rg | 96.0 |

Color Vector Graphic

Performance Table & Ordering Information

| Article Code			Version		Power		Delivered lumens	
Roll: 3m	Roll: 5m	Factory Mounted	Output	CCT	W/m	W/ft	lm/m	lm/ft
US_93000032	US_93000016	US_93000013	1000lm/m	2700K	9.6	2.9	908	277
US_93000033	US_93000017	US_93000014	1000lm/m	3000K	9.6	2.9	966	294
US_93000034	US_93000018	US_93000015	1000lm/m	3500K	14.4	4.4	993	303
US_93000035	US_93000026	US_93000047	2000lm/m	2700K	16.8	5.1	1589	484
US_93000036	US_93000027	US_93000048	2000lm/m	3000K	16.8	5.1	1690	515
US_93000037	US_93000028	US_93000049	2000lm/m	3500K	14.4	4.4	1311	400

Power Supply Specifications - Remote Drivers

- Class 2 constant voltage power supply
- Tri-Mode Dimming: 0-10V, ELV & Triac 100-1%**
- 4 mounting holes for surface mounting
- 7 knockout holes for conduit or cable connection
- May be placed up to 50ft away using 16AWG wire
- Maximum load: 90% of rated power
- Power factor: > 0.9
- Suitable for wet locations
- Weight: 2.4lbs (60W version), 3lbs (96W version)

** Consult the factory for dimmer compatibility.

3.74 7.08 1.73 7.4

Remote Driver "A"

3.74 8.26 1.73 8.66
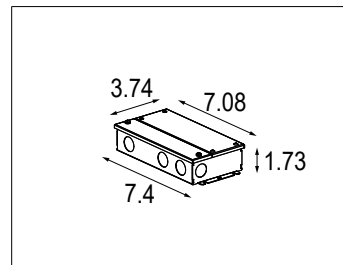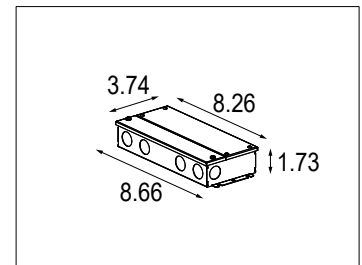
Remote Driver "B"

Electrical Specifications & Ordering Information

Article Code	Version	Input	Output	Dim [3]
US_12400800	Remote Driver "A"	120-277VAC - 50/60Hz	24VDC - 60W	0-10V, ELV & Triac - 1%
US_12400801	Remote Driver "B"	120-277VAC - 50/60Hz	24VDC - 96W	0-10V, ELV & Triac - 1%

Listings & Certifications

- Listed: cULus
- Damp locations

UL CERTIFIED

Warranty

- Visit https://www.supermodular.com/warranty