

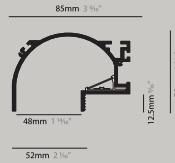
PROJECT _____

TYPE _____

NOTES _____

QUANTITY _____

DATE _____



The MANHATTAN system is a trimless modular LED system in extruded aluminum and painted white for total recessed use in false ceilings. Besides the possibility of horizontal or vertical installation on wall and ceilings, this system is particularly suitable for perimeter installation. Due to the reflection of the internal light, this profile illuminates with a glow



Special finishes of Gold, Silver, and Copper Leaf available upon request along with RAL finishes

UPON REQUEST

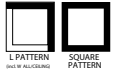
Additional Options

Color Temperature _____

Finish Color _____



Drawing is Required



PANZER!

BUILDING GUIDE

Check boxes to complete specification order and submit to quotes@zaneen.com to receive a formal BOM and finalized model number. For specification purposes, build a unique model number with bold text [30K - DIR - OP - ...]

Quick Ship (QS) - Not Available

Build Code D8MAN-TRI-SYS-

PROFILE - SYSTEM	Product	Color Temperature	Distribution	Length
	D8MAN-TRI-SYS Trimless	30K 3000K 40K 4000K	IND Indirect	Alum Profile System Specify in mm Specify in X'-X" PAT Pattern/Design Ambition (Consult Factory with Drawings)

PROFILE - SYSTEM	Electrical	Input Voltage	Emergency
	DN Non-Dimming DV 0-10 Dimming DD Dali Dimming (Upon Request)	UNV Universal 120V / 277V	EMCIR Emergency Circuit

refer to color chart
refer to inserts to build code
RAL color # (upon request)



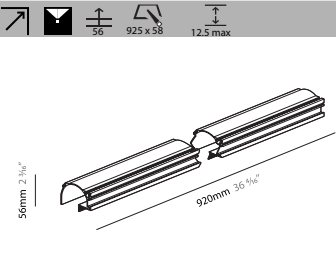

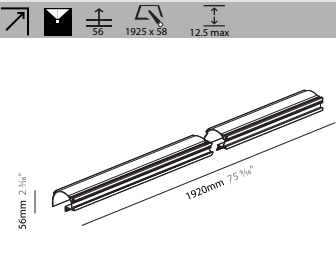

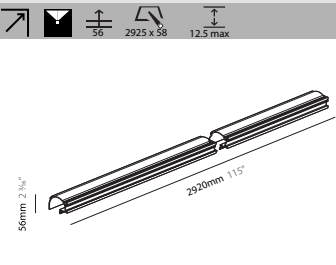
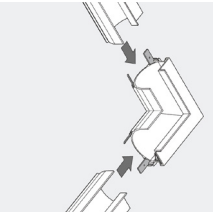
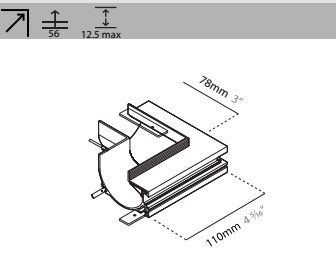
PROJECT _____

TYPE _____

NOTES _____

QUANTITY _____

DATE _____

Build Code		Dimension		Required Nr. of Brackets / Plates	qty
		mm	mm ²		
ALUMINUM PROFILE 420	 	L: 420 W: 85	H: 56	2	
	Build Code	D86442			
ALUMINUM PROFILE 920	 	L: 920 W: 85	H: 56	2	
	Build Code	D86443			
ALUMINUM PROFILE 1920	 	L: 1920 W: 85	H: 56	3	
	Build Code	D86444			
ALUMINUM PROFILE 2920	 	L: 2920 W: 85	H: 56	4	
	Build Code	D86445			
LEFT TURN 90° ANGLE	 	L: 110 W: 110	H: 56		
	Build Code	D86447			




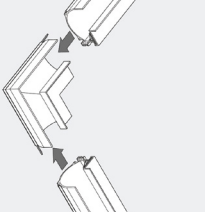
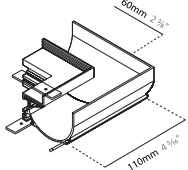



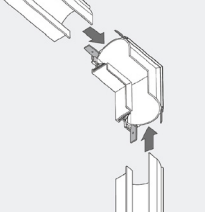
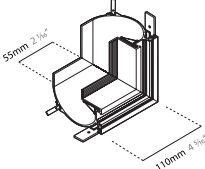



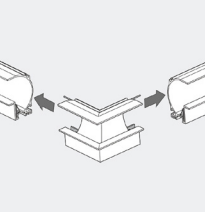
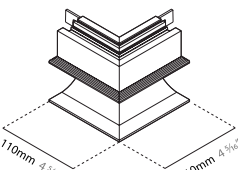



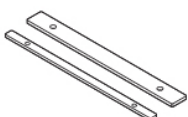



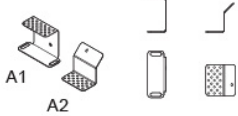
PROJECT _____

TYPE _____

NOTES _____

QUANTITY _____

DATE _____

Build Code D86448		Dimension		qty
  		mm	mm ²	
RIGHT TURN 90° ANGLE	 	L: 110 W: 110	H: 56	
Build Code D86449		Dimension		qty
  		mm	mm ²	
INSIDER CORNER	 	L: 110 W: 110	H: 56	
Build Code D86450		Dimension		qty
  		mm	mm ²	
CORNER CONNECTOR 90°	 	L: 110 W: 110	H: 56	
Build Code D86451		Dimension		qty
 		mm		
LINEAR COUPLER	 		Pair	
Build Code D86452		Dimension		qty
 		mm		
BRACKETS - FALSE CEILING	 		Pair	


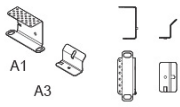

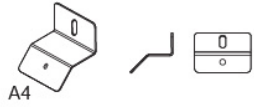



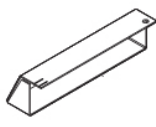
PROJECT _____

TYPE _____

NOTES _____

QUANTITY _____

DATE _____

Build Code D86453		Dimension		qty
BRACKETS - FLUSH WALL				
			Pair	
Build Code D86454		Dimension		qty
PLATE HANGING - CEILING		mm		
			Pair	
Build Code D86455		Dimension		qty
END CAP WITH SCREWS		mm		
			Pair	
Build Code D86456		Dimension		qty
POWER COMPARTMENT WITH SCREWS		mm	mm ²	
				

PROJECT _____

TYPE _____

NOTES _____

QUANTITY _____

DATE _____

Build Code TT300024V

qty

LINEAR LED ROLL



Wattage	Delivered Lumens	CRI	Dimming	Color Temperature	
68 68.0W	5168 5168lm	80 >80	DN Non-Dim	30K 3000K	can be cut every 150mm (5 7/8") to achieve customized fit with the smallest independent section being 6 LEDs (150mm) Tridonic LED
6 6.9W / FT	525 525lm / FT		DP Phase	40K	
			DV 0-10V	4000K	

PROJECT _____
TYPE _____
NOTES _____
QUANTITY _____
DATE _____

FINISH COLORS

White

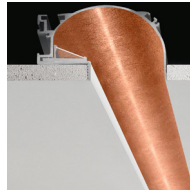
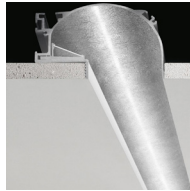
Gold - Upon Request



Silver - Upon Request



Copper - Upon Request








































































Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.
Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.











RAL Color Upon Request













LEGEND

	floor-mounted		pivotal		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		color rendering index
	direct light distribution		reflector degree selection		color temperature
	direct/indirect light distribution		super spot		lumen (luminous flux)
	indirect light distribution		lens		efficacy (lumens per watt)
	asymmetric light distribution		lens pack		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		individual colors: 00 (free of charge), 01-25 (extra charge)		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
	dimmmable 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

	protected against ingress of solid bodies greater than 12.5mm (finger)
	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
	protected against ingress of dust protected against jets of water
	protected against ingress of dust protected against powerful jets of water or heavy seas
	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

PROJECT	_____
TYPE	_____
NOTES	_____
QUANTITY	_____
DATE	_____

SYSTEM SUMMARY

System

Type
Trimless (Non-IC type)
Rated for Dry Locations Ceiling and Wall Mounted

Approval Status
CSA Certified to CSA and UL Standards

Emission
Refer to emission icon beside each light insert and symbol legend for descriptions

Profile

Measurement
w 85mm (3 3/16") x ht. 56mm (2 3/16")
Housing
Anodized extruded aluminum profile up to 3010mm (118 1/16") long profiles are joined together with couplers to ensure uniform appearance and easy installation

Cutout
w 58mm (2 3/16") x Profile Length + 5mm (3/16")
Drywall Ceiling Thickness
Adjustable wing nuts allow for differing drywall thickness
Recessed Depth
h 56mm (2 3/16") or h 81mm (3 1/16")
minimum 75mm (2 9/16") for when drywall is already installed

Electrical

Connections
Luminaries are pre-wired with a factory installed branch circuit wiring and quick-release connectors
Through wiring is used to connect the luminaries

Power Feed
Located on profile at each electrical connection point. (one power compartment required per connection) 2 inches from one end of the fixture, on top of the profile
3 Wires - non-dimming or phase dimming
4 Wires - two circuits of non-dimming or phase dimming
5 Wires - 0-10V dimming or dali dimming

LED Driver
Driver must be remote with supplied enclosure
Electronic Class 2 driver, Universal 120V/277V
Non-Dimming Driver, Phase Dimming Driver, and 0-10V Dimming Driver (10-100%)
Consult factory for driver cutsheet
If a different driver is required, please specify

Emergency Inverter Compatible
To be installed remotely, and provided by others
It can be located up to 250m away from the fixture

Emergency circuit wiring is available upon request (Isolated track with dedicated driver used for emergency circuit will connect to emergency battery pack - supplied by others)

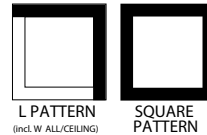
General

Features
Can be cut every 150mm (5 7/8") to achieve customized fit with the smallest independent section being 6 LEDs (150mm) - Tridonic LED

Custom Requests and Additional Options
Availability depends by insert, system, and configuration
Must consult factory and allow up to 5 business days for an answer

Color temperature, RGB-W, tunable, light inserts with different outputs

Configuration
Consult factory for patterns or custom designs
Provide configuration drawings



*Shop drawings provided upon receiving purchase order

Warranty

ZANEEN provides a limited warranty from date of purchase to original purchaser

LED Inserts : 5 year tested for 50,000 hours at 70% lumen output (L70)
LED Driver : 5 year
Non-Electrical Components : 1 year

*Check boxes to complete specification order and submit to quotes@zaneen.com to receive a formal BOM and a finalized model number

*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

PROJECT	_____
TYPE	_____
NOTES	_____
QUANTITY	_____
DATE	_____

SYSTEM SUMMARY

Inserts

*Delivered lumens is the maximum possible

Linears

Linear LED Roll
Wattage: 6.9W / FT
Lumen: 525lm / FT
Color Temperature: 3000K / 4000K
Length: 150mm (5 7/8") 6 LEDs

WIRING DIAGRAMS

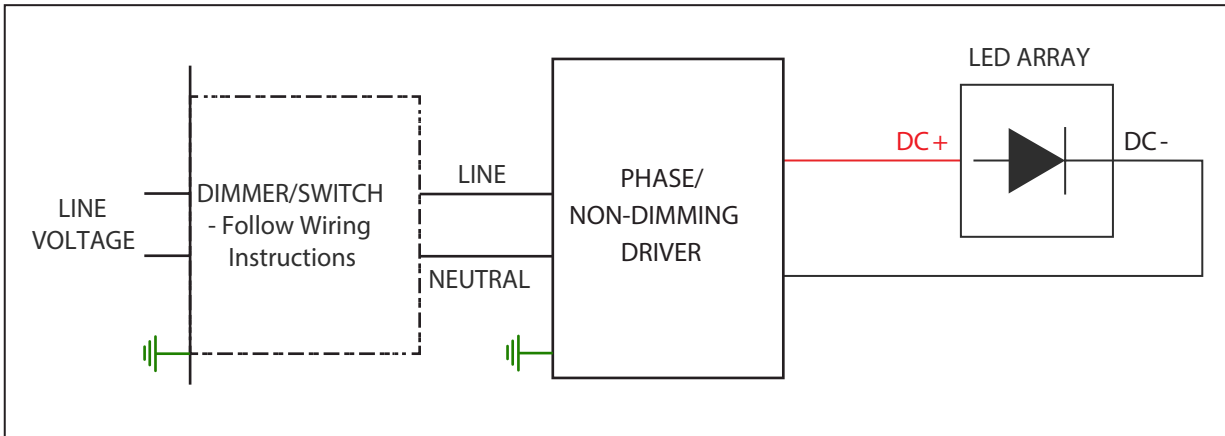
ALL ZANEEN FIXTURES ARE MANUFACTURED TO NORTH AMERICAN ELECTRICAL STANDARDS

Post Sales Support
HQ 1-800-388-3382 X 625 support@zaneen.com

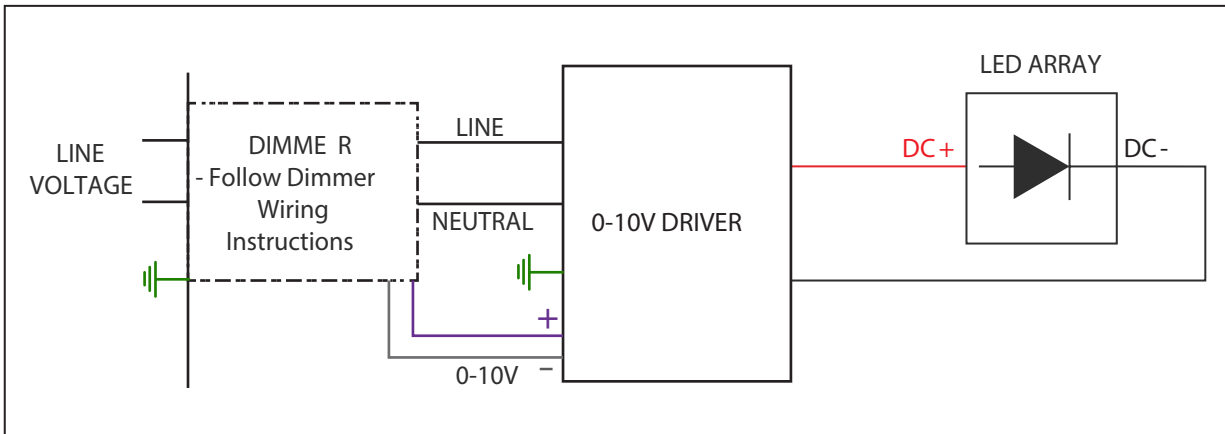
IMPORTANT:

- Do NOT connect directly to line voltage
- There is a minimum and maximum load per driver (See fixture and driver specifications).
- Fixture MUST be connected to LED driver, prior to turning power on

PHASE/NON-DIMMING WIRING DIAGRAM



0-10V DIMMING WIRING DIAGRAM





MANHATTAN TRIMLESS SYSTEM
SPECIFICATION SHEET

PROJECT _____
TYPE _____
NOTES _____
QUANTITY _____
DATE _____

INSERT CUSTOM DRAWING HERE OR ATTACH WITH ADDITIONAL PAGES