

DESCRIPTION

4.3" round recessed adjustable trim for downlight, wall washing, and accent applications. For use with 12V MR16 lamp 71W max.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES
A Trim

35° adjustable wall wash trim with black baffle for downlight and accent applications. 4.3" o.d. trim face.

B Lamp

For use with 12V MR16 lamp 71W max. Lamp not included.

C Socket

GU5.3 bi-pin socket for 12V MR16. (Included with Microgem housing sold separately)

D Lens

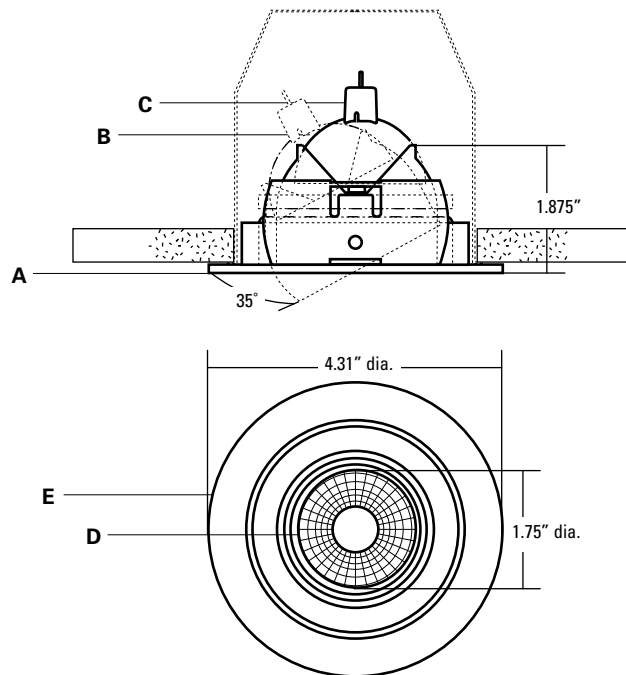
Includes clear protective glass lens. Can hold up to 2 optical accessories total.

E Finish

MLV3074 Powder coated white trim with black baffle.

MLV3076 Powder coated black trim with black baffle.

MLV3077 Powder coated industrial silver trim with black baffle.


**MICROGEM
RECESSED**

MLV3074 - 3077
4.3" O.D.
Round Die Cast
Wall Wash Trim w/
Black Baffle 35°
Adjustability

FOR 12V MR16 71W max.

Compatible Housings:

C500 / C500-SH

C600 / C600-EL

C700

C800

C900

SH2A


ORDERING INFORMATION

Fixture

MLV3074

MLV3076

MLV3077

White Trim w/ Black Baffle

Black Trim w/ Black Baffle

Industrial Silver Trim w/ Black Baffle

RECESSED LYTESPOT

SPECIFICATION GUIDE



TPL Lighting - Mike Hamilton 416.238.9793

Architectural Lighting Works reserves the right to make changes to fixture design, finish and engineering at any time.

www.archlightgworks.com



RECESSED LYTESPOT

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TYPE:

Specification and Ordering Information:

1. Style:

- ☐ RCST - Recessed with trim (RCST)
☒ RCS - Recessed trim-less (RCS)

2. Lamp Quantity:

- ☐ 1
☐ 2
☒ 3

3. Downlight Options:

- ☐ ***MR16: 1x 50 Watt MR16 Halogen (MR16)
☐ AR111: 1 x 50/75 Watt AR111 Halogen (AR111)
☐ PAR30: 1 x 50/75 Watt Par 30 Halogen (PAR30)
☐ S08220: 1 x 22 Watt CDM20 TM BT-5 (S08220)
☐ S08235: 1 x 35 Watt CDM35 TM BT-5 (S08235)
☐ S11139: 1 x 39 Watt CDM35 TC-T4 (S11139)
☐ S11170: 1 x 70 Watt CDM70 TC-T4 (S11170)
☐ GX1020: 1 x 20 Watt CMH20/MR16 (GX1020)
☐ GX1039: 1 x 39 Watt CMH39/MR16 (GX1039)
☐ PAR2039: 1 x 39 Watt CDM35/PAR20 (PAR2039)
☐ PAR3039: 1 x 39 Watt CDM35/PAR30L (PAR3039)
☐ PAR3070: 1 x 70 Watt CDM70/PAR30L (PAR3070)
☐ R11135: 1 x 35 Watt CDM-R111/35 (R11135)
☐ R11170: 1 x 70 Watt CDM-R111/70 (R11175)

☐ MPLEX - Multiplex LED Module (MPLEX) - SEE Diagram 1A.

emitter	color	power	cooling (30w only)	optic	beam
☐ CZEN	☐ 3000k	☐ 15w	☐ Passive	☐ Lens	☐ 20 deg
☐ XSM80	☐ 3500k	☐ 20w	☐ Active	☐ Reflector	☐ 40 deg
☐ XSM95	☐ 4000k	☐ 30w			☐ 60 deg

CZEN = Citizen LED Chip with Zhaga connector

XSM = Xicato LED Module

- ☐ *CZEN7: Citizen® 1 x 7.6W Watt LED Module, 820LM, 80CRI, 3000K (CZEN7)
☐ *CZEN7DIM: Citizen® 1 x 7.6W Watt LED Module, TRIAC Dimming, 820LM, 80CRI, 3000K (CZEN7DIM)
☐ *CZEN7-H: Citizen® 1 x 7.6W Watt LED Module, Lutron® A Series Dimming, 820LM, 80CRI, 3000K (CZEN7-H)
☐ *CZEN10: Citizen® 1 x 10W Watt LED Module, 1000LM, 80CRI, 3000K (CZEN10)
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☐ *CZEN15: Citizen® 1 x 15W Watt LED Module, 1050LM, 80CRI, 3000K (CZEN15)
☐ *CZEN15-0-10V: Citizen® 1 x 15W Watt LED Module, 0-10V Dimming, 1050LM, 80CRI, 3000K (CZEN15-0-10V)
☐ *CZEN15-H: Citizen® 1 x 15W Watt LED Module, Lutron® A Series Dimming, 1050LM, 80CRI, 3000K (CZEN15-H)
☐ *CZEN20: Citizen® 1 x 20W Watt LED Module, 1200LM, 80CRI, 3000K (CZEN20)
☐ *CZEN20-0-10V: Citizen® 1 x 20W Watt LED Module, 0-10V Dimming, 1200LM, 80CRI, 3000K (CZEN20-0-10V)
☐ *CZEN20-H: Citizen® 1 x 20W Watt LED Module, Lutron® Hilume A Series Dimming, 1100LM, 80CRI, 3000K (CZEN20-H)
☐ *CZEN30: Citizen® 1 x 30W Watt LED Module, 2000LM, 80CRI, 3000K (CZEN30)
☐ *CZEN30-0-10V: Citizen® 1 x 30W Watt LED Module, 0-10V Dimming, 2000LM, 80CRI, 3000K (CZEN30-0-10V)
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☐ *LED1525: Edison® 1 x 15 Watt LED, 25° 3000K (LED1525)
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☐ *LED1540: Edison® (1 x 15 Watt LED, 40° 3000K, 540LM 3500K (LED1540)
☐ *LED1540-0-10V: Edison® 1 x 15 Watt LED, 0-10V Dimming, 540LM, 40° 3000K (LED1540-0-10V)
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*No Accessory Options Available

**Denotes Additional Cooling Mechanism (Synjet Fan) required: Internal to unit.

For Additional LED options not listed, please consult LED MATRIX online, or Factory

***For LEDMR16, use MR16 option (Includes Electronic Low Voltage Transformer) for retrofit lamps.

3a: LED Driver (Select only if using LED option):

- ☐ INT - Integral (INT)
☐ **REM - Remote (REM)

*LED drivers can be integral or remote. An integral driver will power one head.

**NOT Recommended with Dimming due to distance restrictions

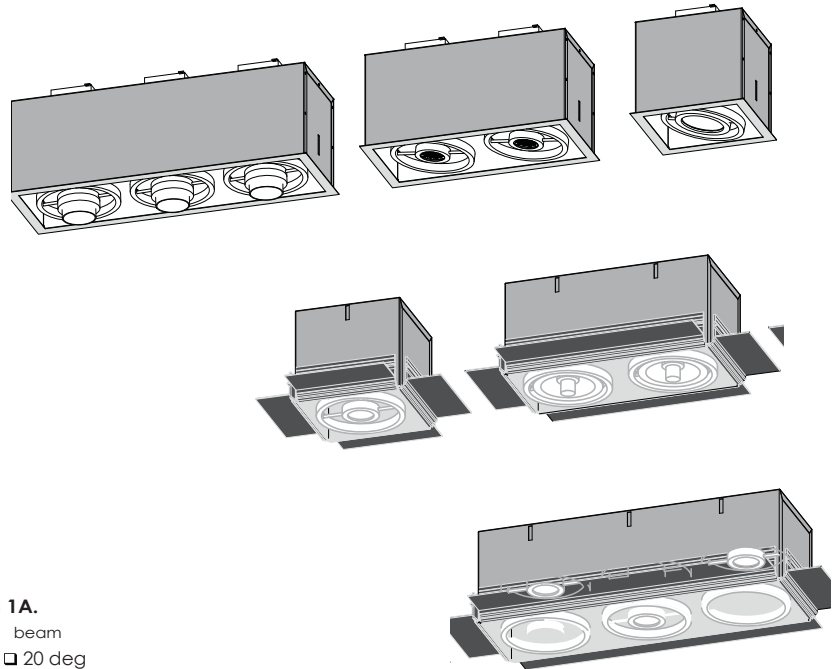
4. Beam Spread (Leave blank if LED selection):

- ☐ *F - Flood (F)
☒ N - Narrow Flood (NF)
☐ *S - Spot (S)

*CZEN15 only available in Narrow Flood

Continued on Next Page...

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1A: The Multiplex can be configured with a multitude of Accessories and configurations



AIMING ANGLES:
 20W and Lower Passive and Active (internal fan)
 cooled units = 45 deg aiming angle within RCS

30W Passively cooled units add an addition heat sink accessory which limits aiming dependent on specification.



RECESSED LYTESPOT

Page 2 of 3

TYPE:

5. Accessory Option (Leave blank if LED):

- ☐ ***HEX - Hexcell Louvers (HEX)
- ☐ ***SNOOT - Snoot (SNT)
- ☐ ***SOLITE - Solite Lens (SOL)
- ☐ ***LSS - Linear Spread Lens (LSS)
- ☐ **/**GC - Glare Cap (GC)
- ***CZEN and LED1525 = NO Accessory Options
- **Not Available in LED Options

6. Voltage:

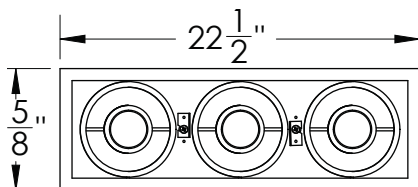
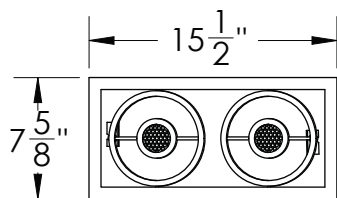
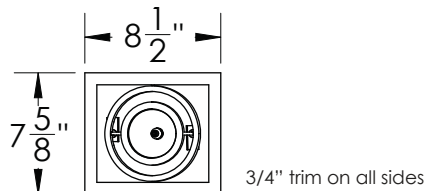
- ☐ 120 - 120 volt (120)
- ☐ 277 - 277 volt (277)

7. Finish:

- ☐ * BK/AL (Aluminum trim / Black interior/ Aluminum Gimbal Rings)
- ☐ AL/AL (Aluminum trim / Aluminum interior/Aluminum Gimbal Rings)
- ☐ BK/BK (Black trim / Black interior/ Black Gimbal Rings)
- ☐ BK/BK/AL (Black trim / Black interior/ Aluminum Gimbal Rings)
- ☐ WH/BK (White trim / Black interior/ Black Gimbal Rings)
- ☐ WH/WH/ (White trim / White interior/ White Gimbal Rings)
- ☐ WH/WH/AL (White trim / White interior/ Aluminum Gimbal Rings)
- ☐ RAL/AL (Specify RAL # of powdercoat of your choice/ Aluminum Gimbal Rings)
- ☐ RAL/RAL(Specify RAL # of powdercoat of your choice/ RAL Gimbal Rings)

* BK/AL is standard on all Lytespot housings and trims
If TRIMLESS is specified, disregard trim color.

RCST (Trim)



Continued on Next Page...

For installation in grid or drywall ceiling.
Installation instructions at www.archltgworks.com

Design Specifications

Construction

20 ga CRS housing.
Black standard in interior housing
Reflectors are spun and polished aluminum

Electrical Details

All Ballasts are Electronic <10% THD (where applicable)
Class P electronic ballasts
Standard and dimming ballasts are integral to housing (unless otherwise noted - where applicable))
Low voltage transformers are individual 75W units (277V/12V or 120/12V)
Additional LED options available (consult factory)

ETL Listed

Indoor Location Only

Emergency

No Emergency Options

Finish

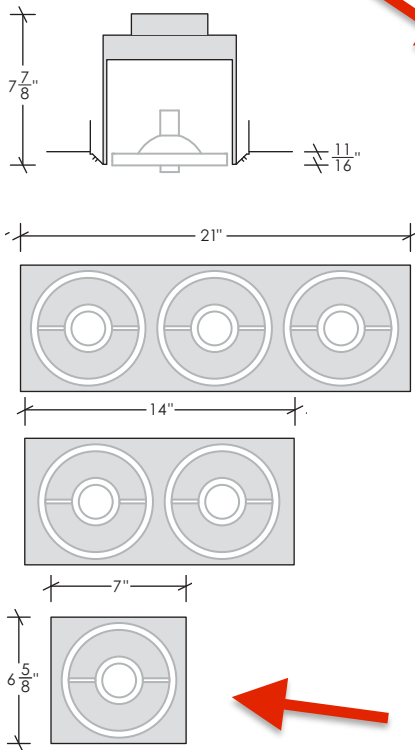
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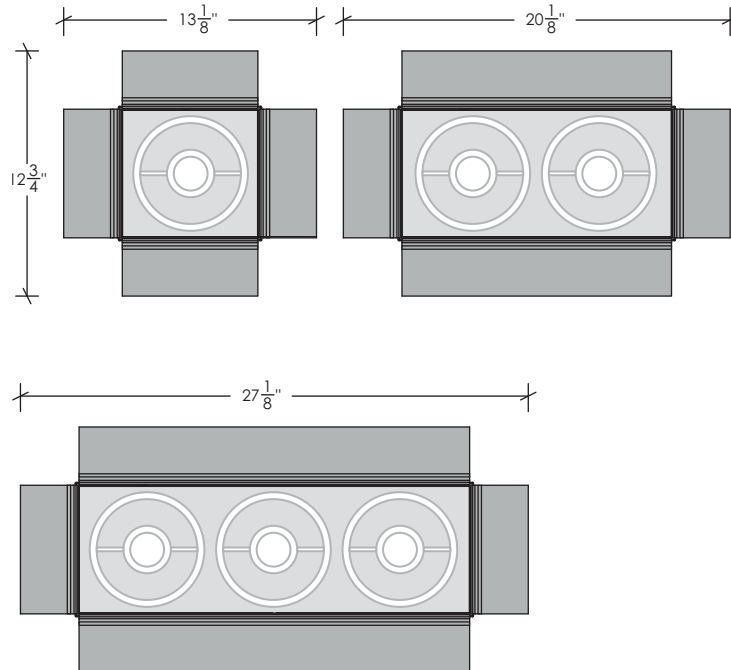
RECESSED LYTESPOT

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RCS (Trim-less)



RCS (Trim-less) - Extruded drywall mudding and structural flange (integral to trim-less unit). Mud to edges for trim-less applications.



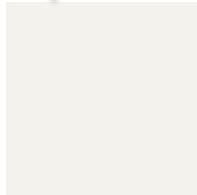
Colors and Finishes:



STANDARD: "Ulti-matte" Natural aluminum : A two step, clear anodizing process that gives and durable surface.



OPTION: Black - BK powdercoat



OPTION: White - WH powdercoat

RAL

OPTION: RAL - powdercoat the RAL color of your choice. Specify RAL code.

Lamp Shielding Accessories:



Hexcel Louver (HEX)



Linear Spread Lens (LSS)



Solite Lens (SOL)



Snoot (SNOOT)

Note: Accessories are not universal. Please consult specification sheets online for lamp compatibility.

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☐ *CZEN20: Citizen® 1 x 20W Watt LED Module, 1200LM, 80CRI, 3000K (CZEN20)
☐ *CZEN20-0-10V: Citizen® 1 x 20W Watt LED Module, 0-10V Dimming, 1200LM, 80CRI, 3000K (CZEN20-0-10V)
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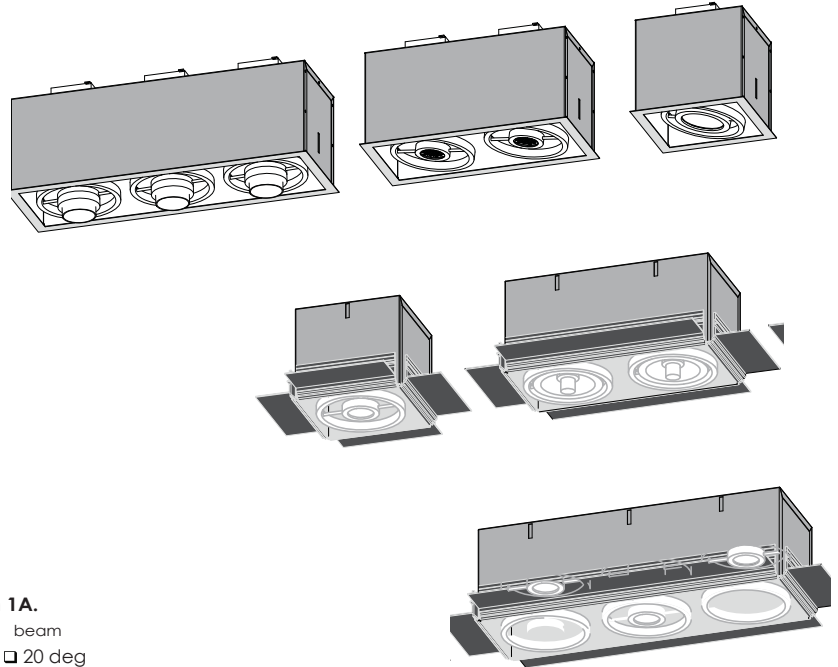
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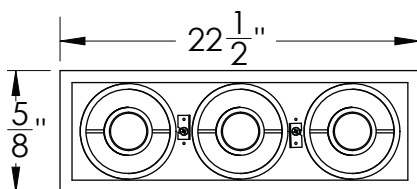
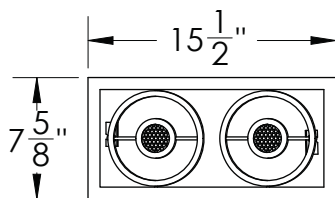
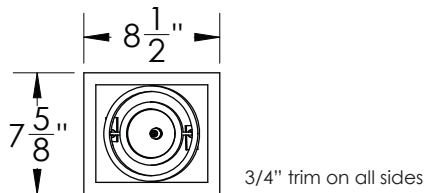
- ☐ 120 - 120 volt (120)
- ☐ 277 - 277 volt (277)

7. Finish:

- ☐ * BK/AL (Aluminum trim / Black interior/ Aluminum Gimbal Rings)
- ☐ AL/AL (Aluminum trim / Aluminum interior/Aluminum Gimbal Rings)
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20 ga CRS housing.
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No Emergency Options

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AL trim is a supersonic chrome powdercoat finish.
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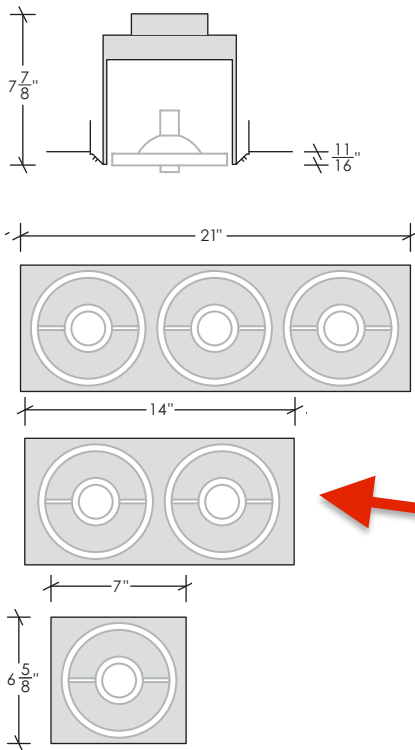


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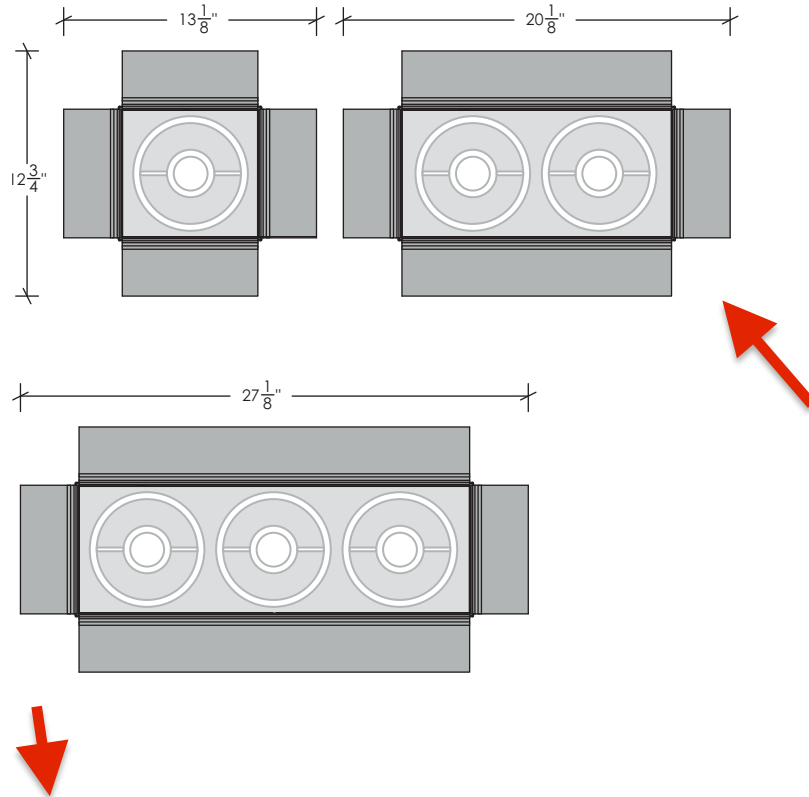
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RCS (Trim-less)



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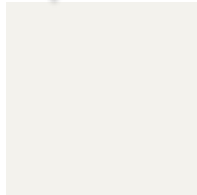
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OPTION: White - WH powdercoat

RAL

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Hexcel Louver (HEX)



Linear Spread Lens (LSS)



Solite Lens (SOL)



Snoot (SNOOT)

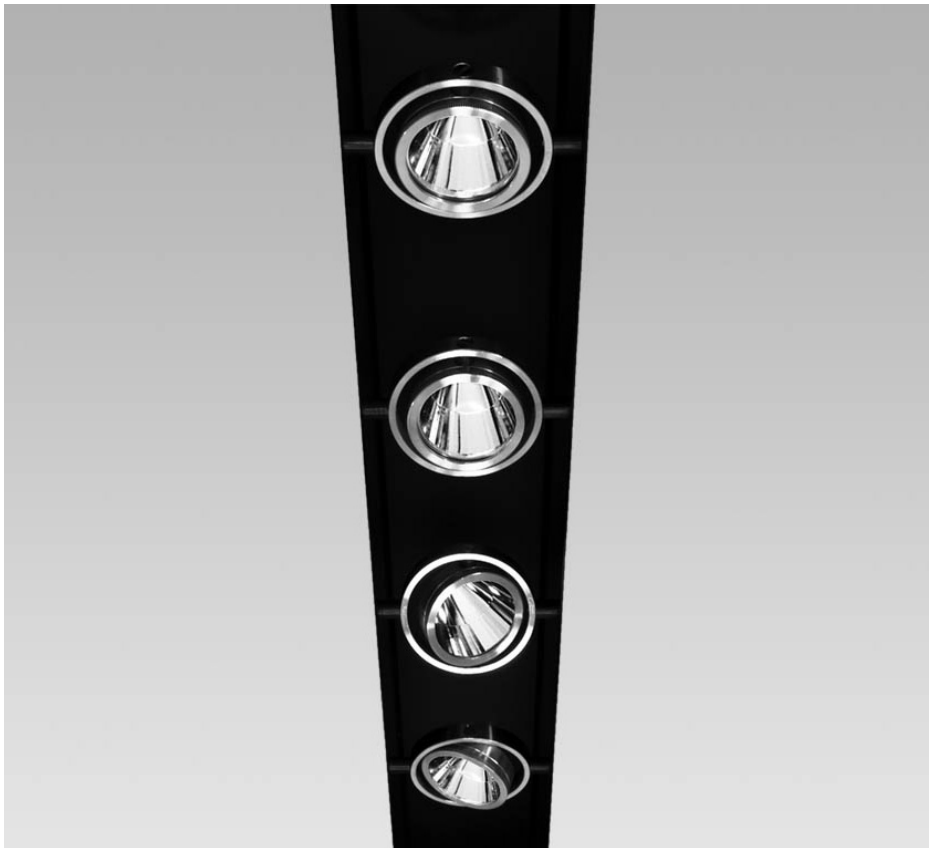
Note: Accessories are not universal. Please consult specification sheets online for lamp compatibility.

TPL Lighting - Mike Hamilton 416.238.9793

Continuous Slots: Elegant, trimless, recessed luminaires. Linear, right angles, rectangular, or whatever the application calls for. You decide and we'll make it... in house.

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LED



FAMILY LUMINAIRE

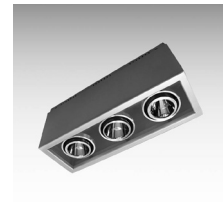
Trim



Trimless



Surface Madison



Pendant Informa



CONSTRUCTION

- Housing and electrical enclosure constructed in cold rolled steel with powder coated finishes
- Aluminum mudding flange features a unique 1/2" inner reveal that emulates drywall to create a perfect looking cut-out every time
- Linear, right angle and rectangular runs are standard
- A ceiling thickness of 1/2" to 1" can be accommodated. Modified for thicker ceilings upon request
- Modified configurations available upon request

LAMP ASSEMBLY

- LED module available in lumen packages of 3000 and 4000 (average rated life of 50,000 hours)
- Available in color temperatures of 3000K, 3500K and 4000K
- Solid aluminum adjustable, lockable double gimbals
- Gimbal adjustment does not require the use of tools
- High performance reflectors available in various beam angles
- Extruded aluminum heat sinks
- Can accept up to 3 optical accessories
- Standard on center lamp spacing can be modified upon request

ELECTRICAL

- Integral electronic drivers. Dimming options available
- Electrical enclosures conveniently mount onto the top of the housing with access through the inside of the channel for easy maintenance
- Multiple circuits available
- Fixtures are thermally protected and rated for through branch wiring

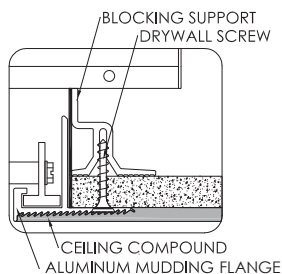
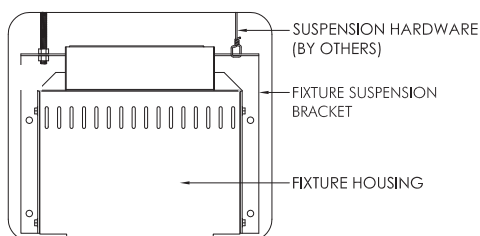
MOUNTING

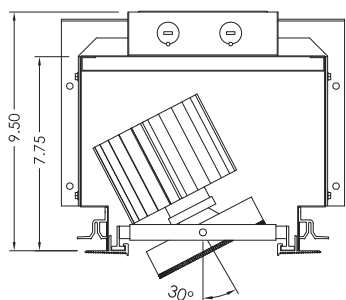
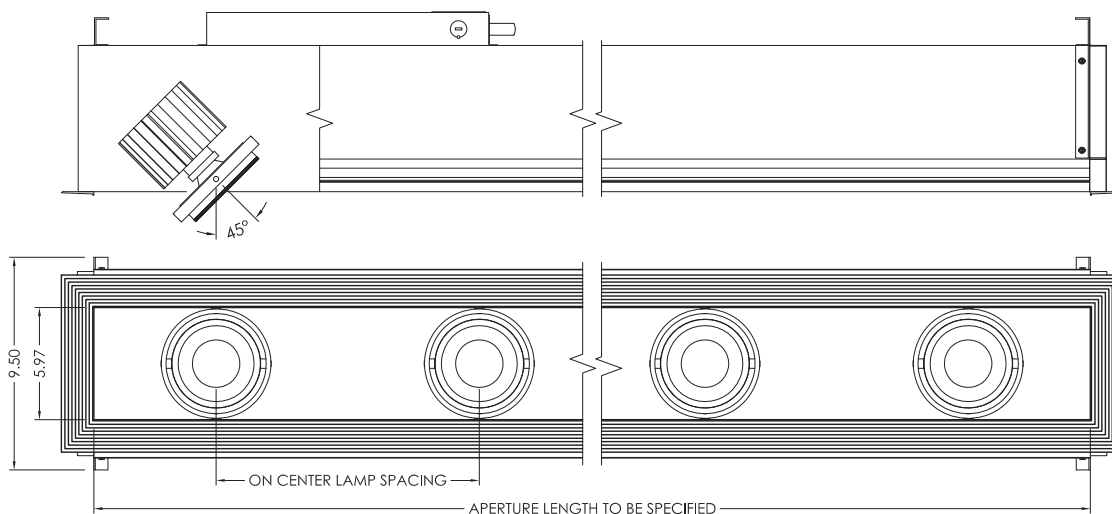
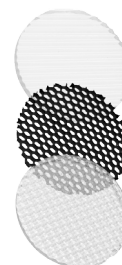
- Suitable for drywall ceilings
- New construction housings
- Suitable for drywall, acoustic, wood, and various architectural ceilings

PROJECT

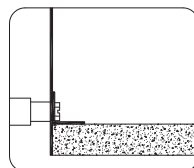
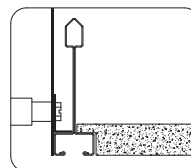
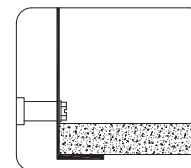
TYPE

DATE

3G
 LIGHTING
CATALOG # **L.4**
**STANDARD TRIMLESS
(XTR) DETAIL**

**SUSPENSION
DETAIL**

**DOUBLE
GIMBAL**

**OPTICAL
ACCESSORIES**

FLANGE OPTIONS

■ CONSULT 3G FOR CUSTOM CONFIGURATIONS


 FLANGLESS
(GX)

 SLOT TEE
(GC3)

 TRIM
(WT)

ORDERING INFORMATION

TPL Lighting - Mike Hamilton 416.238.9793



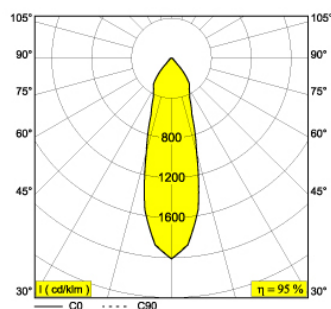
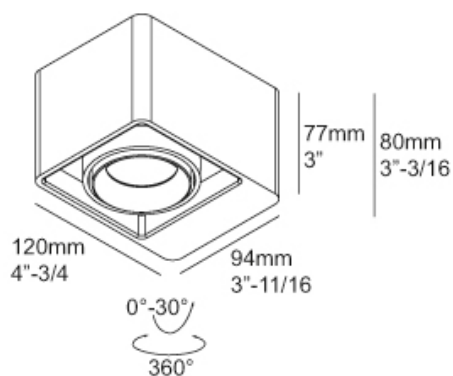
CAT. NO	WATTAGE	COLOR TEMP	BEAM ANGLE	VOLTAGE	DRIVER	FLANGE TYPE	GIMBAL FINISH	HOUSING INTERIOR	APERTURE LENGTH	LAMP SPACING	ADDITIONAL
3G-CSLED	45W - 3000 LUMENS	30K - 3000K	20D - 20°	120 - 120V	E - ELECTRONIC	XTR - TRIMLESS	NG - NATURAL (STD)	BK - BLACK (STD)	S - (STRAIGHT RUN)	12 - 12" O/C	CC - 2 CIRCUIT
	48W - 4000 LUMENS	35K - 3500K	40D - 40°	277 - 277V	DHL - DIMMING (LUTRON HI-LUME 3-WIRE®)	WT - WHITE TRIM	BG - BLACK	WH - WHITE	L - X (L-SHAPE)	18 - 18" O/C	CP - CHICAGO PLENUM
		40K - 4000K	60D - 60°							24 - 24" O/C	OA - OPTICAL ACCESSORY
										XX - CUSTOM O/C	
					DHL2 - DIMMING (LUTRON HI-LUME ECO SYSTEM®)	GX - FLANGELESS	WG - WHITE	SV - SILVER	U - X (U-SHAPE)		
					DIM - DIMMING	GC3 - SLOT TEE			R - X (RECTANGLE OR SQUARE)		
									NOTE: Specify in Inches. See Continuous Slot reference page for additional information		

3G-CSLED

ORDERING EXAMPLE
3G-CSLED-45W-30K-40D-120-E-XTR-NG-BK-S144"-12

BOXTER 1 LED 3033

6 202 78 8122



Available colors : BLACK-BLACK / WHITE-BLACK

ADJUSTABLE 0°- 30°

INCL.1 x POWERLED WHITE 7W / CRI>80 / 3000K / 660lm

INCL.1 x REFLECTOR FL-33°

INCL.LED POWER SUPPLY 350mA-DC

FOR 4000K : CONSULT FACTORY

Weight : 2.2 LBS

Protection Level : IP20

OPTIONS :

MUD KIT 3

COVERPLATE S 110

For detailed installation instructions, please consult the manual.

BOXTER 1 LED 3033
6 202 78 8122



© Delta Light



PROJECT

TYPE

DATE

CATALOG #

L.6
3G-RC1LEDXTR

1 LIGHT TRIMLESS
LED HIGH OUTPUT

CONSTRUCTION

- New construction housing and electrical enclosure constructed in cold rolled steel
- Aluminum mudding flange features a unique 1/2" inner reveal that emulates drywall to create a perfect looking cut-out every time
- Integral aluminum blocking support ensures fixture is properly secured into the ceiling structure
- Gimbal rail assemblies snap into place without the use of tools
- A ceiling thickness of 1/2" to 1" can be accommodated. Modified for thicker ceilings upon request
- Modified configurations available upon request

LAMP ASSEMBLY

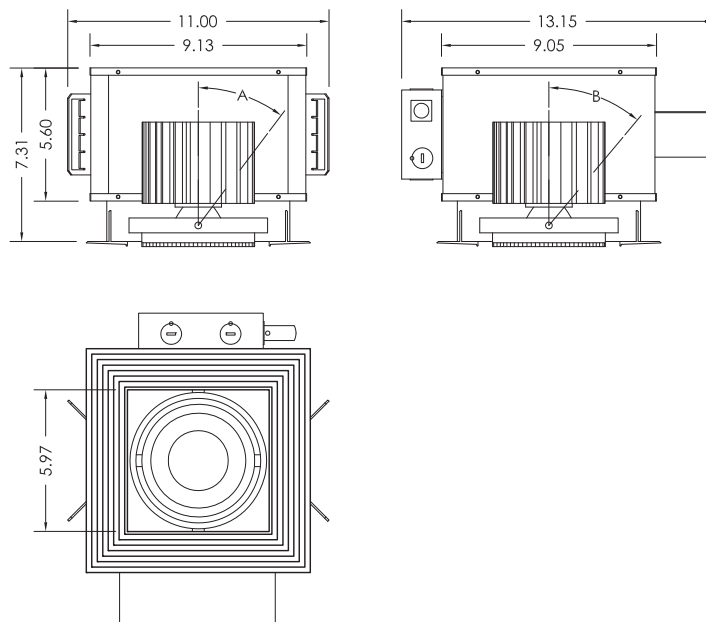
- LED module available in lumen packages of 3000 and 4000 (average rated life of 50,000 hours)
- Available in color temperatures of 3000K, 3500K and 4000K
- Solid aluminum adjustable double gimbals
- Gimbal adjustment does not require the use of tools
- High performance reflectors available in various beam angles
- Extruded aluminum heat sinks
- Can accept up to 3 optical accessories

ELECTRICAL

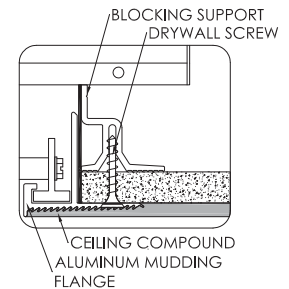
- Integral electronic drivers
- Dimmable electronic drivers available
- Electrical enclosures conveniently mount into the side of the housing via 2 thumb screws
- Removable snap-in gimbal assembly allows for access to power supplies for easy maintenance
- Fixtures are thermally protected and rated for through branch wiring

MOUNTING

- Suitable for drywall ceilings
- Butterfly brackets and C Channel bars included



TRIMLESS DETAIL



GIMBAL ADJUSTABILITY

	A	B
3000 lm	35°	25°

ORDERING INFORMATION

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CAT. NO	WATTAGE	COLOR TEMP	BEAM ANGLE	VOLTAGE	DRIVER TYPE	TRIMLESS	GIMBAL FINISH	HOUSING INTERIOR	ADDITIONAL
3G-RC1LED	45W - 3000 LUMENS	30K - 3000K	20D - 20°	120 - 120V	E - ELECTRONIC	XTR - TRIMLESS	NG - NATURAL (STD)	BK - BLACK (STD)	OA - OPTICAL ACCESSORY
	48W - 4000 LUMENS	35K - 3500K	40D - 40°	277 - 277V	DHL - DIMMING (LUTRON HI-LUME 3-WIRE®)		BG - BLACK	WH - WHITE	
		40K - 4000K	60D - 60°		DHL2 - DIMMING (LUTRON HI-LUME ECO SYSTEM®)		WG - WHITE	SV - SILVER	
					DIM - DIMMING (0-10V)			CF - CUSTOM	

3G-RC1LED

XTR

ORDERING EXAMPLE

3G-RC1LED-45W-30K-40D-120-E-XTR-NG-BK

Client: _____

Project name: _____

Order #: _____

Type: _____ Qty: _____

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FEATURES AND BENEFITS**Physical :**

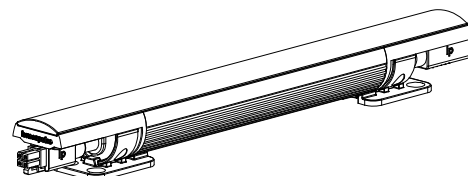
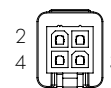
- Polymer extruded housing
- Available in 1' or 4' sections
- Adjustable mounting brackets, +/- 81° aiming (tool-less)
- Beam angle: 120° x 120°
- White standard finish
- Clear high-transmittance polycarbonate injected lens
- Indoor applications, dry location only

Performance :

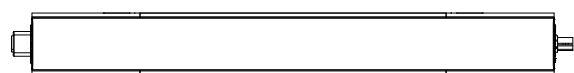
- 563 delivered lumens (4000K, 1' unit, HO)
- CRI value: 84 (4000K)
- 2700K, 3000K, 3500K or 4000K available
- Lumen maintenance 100,000 hrs [L70 @ 25°C]
- Lumen maintenance 70,000 hrs [L70 @ 50°C]
- Lumen measurements comply with LM-79-08 standard
- Operating temperatures: 0° C to 50° C [32F to 122F]

Electrical :

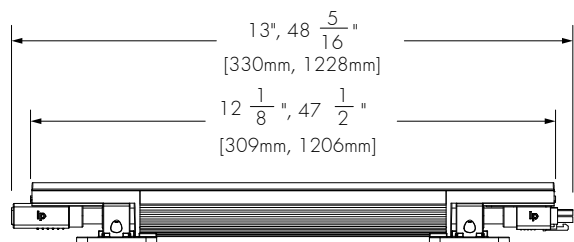
- Line voltage luminaire for 120V, 240V or 277V
- Powered by Lumendrive AC step drive technology, no power supply onboard
- Power and data in 1 cable (#16-4)
- Thumb latch connectors, breakable under load
- 3W/ft - RO version, 6W/ft - HO version
- Dimming option: 0-10V (source)
- ELV, TRIAC, 0-10V (sink), DALI and DMX enabled with Lumentalk Data Bridge (accessory)

Powered by **lumendrive™****Non-dimming/0-10V dimming version (source)**

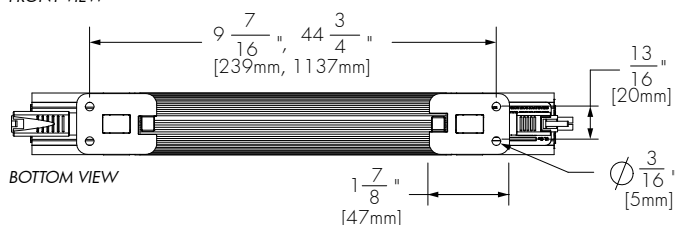
Pin ID	American Color Code	CE Color Code	USE
1	Black	Brown	Live
2	White	Blue	Neutral
3	Red	Black	0-10V +
4	Orange	Grey	0-10V -



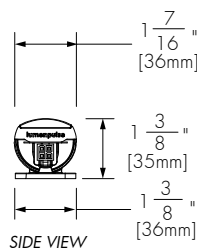
TOP VIEW



FRONT VIEW



BOTTOM VIEW



SIDE VIEW

10 year limited warranty

ACCESSORIES

Order separately, refer to each item's specification sheet for ordering information

Cables (required):

Leader Cable for non-dimming Lumencove® Nano, 10' or 25' standard lengths

Leader Cable for dimming Lumencove® Nano, 10' or 25' standard lengths

Leader Cable with wall plug for Lumencove® Nano, 2' or 4' standard lengths

Jumper Cable for Lumencove® Nano, 2' or 4' standard lengths

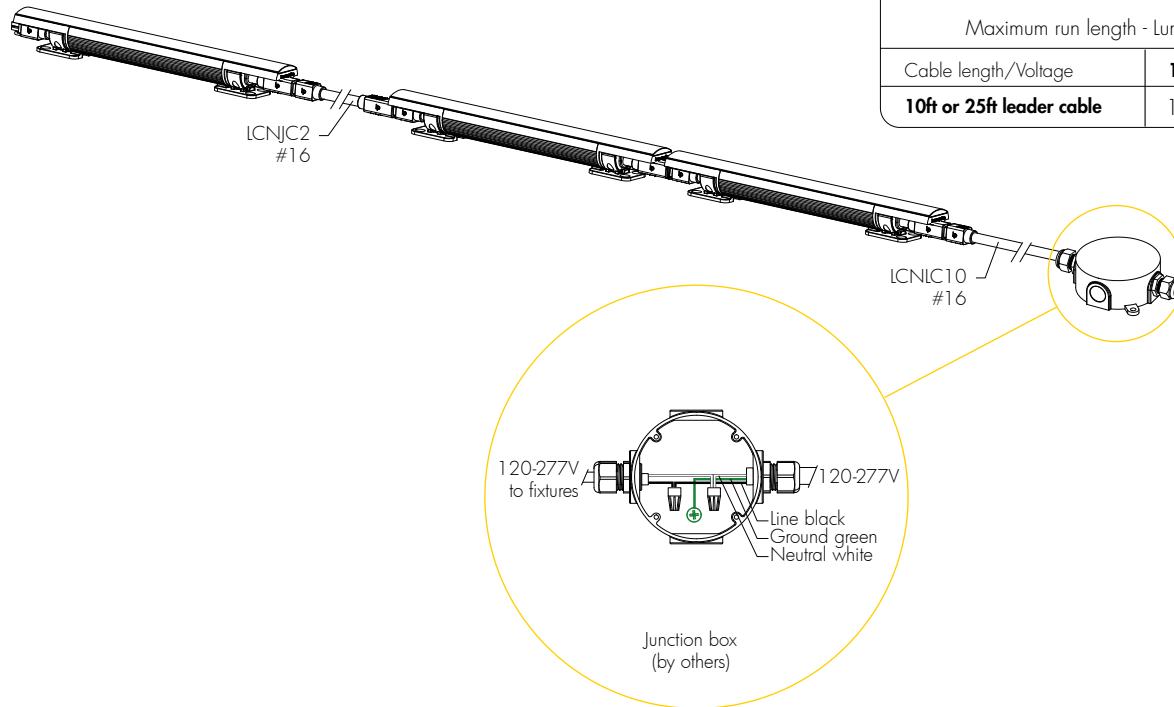
Lumentalk Data Bridge (optional):

ELV, TRIAC, 0-10V (sink), DALI and DMX control enabled with Lumentalk Data Bridge.

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TYPICAL WIRING DIAGRAMS

Non-Dimming Version

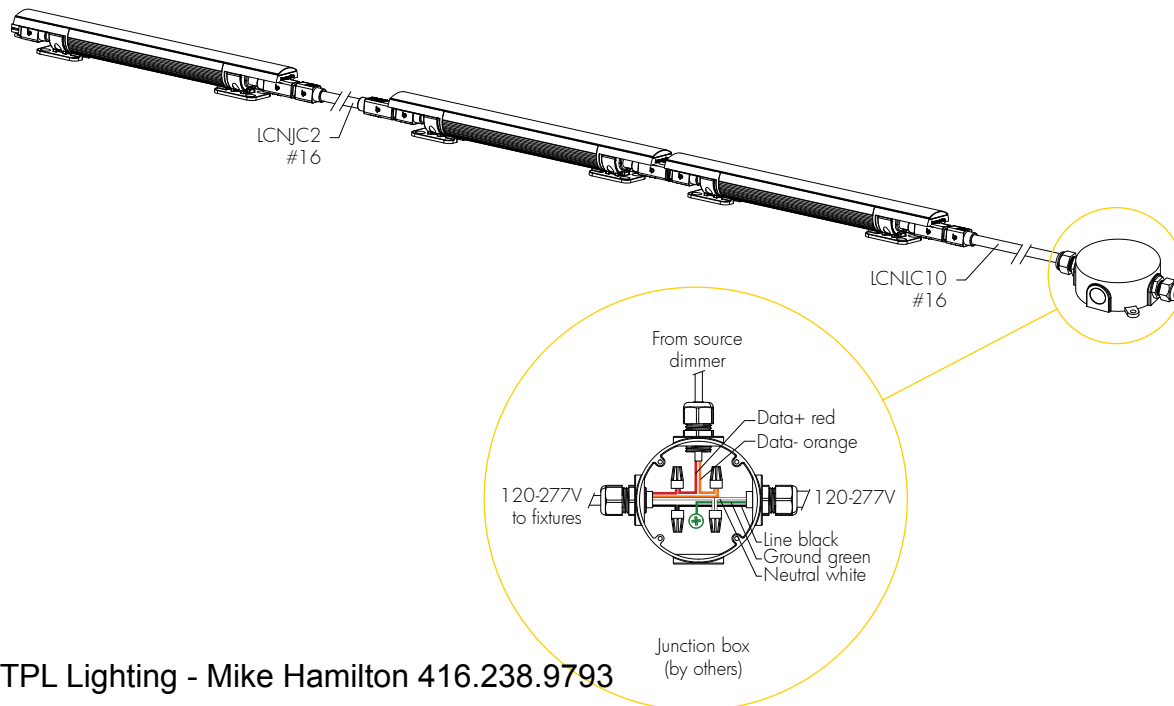


Maximum run length - Lumencove™ nano HO			
Cable length/Voltage	120V	240V	277V
10ft or 25ft leader cable	150ft	300ft	300ft

Maximum run length - Lumencove™ nano RO			
Cable length/Voltage	120V	240V	277V
10ft or 25ft leader cable	150ft	300ft	300ft

Dimming Version (0-10V with source dimmer)

10% minimum dimming value



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HOW TO ORDER

LCN	Select:	Select:	Select:	Select:	WH	Select:
	Housing	Voltage	Length	Colors and color temperatures	Finish	Control
	1	2	3	4	5	6

1

Housing:

LCN RO - Lumencove® Nano, Regular Output 3W/ft

LCN HO - Lumencove® Nano, High Output 6W/ft

2

Voltage:

120 - 120 volts

240 - 240 volts

277 - 277 volts

3

Length (nominal):

12 - 12 1/8 inches (309mm)

48 - 47 1/2 inches (1206mm)

4

Colors and Color temperatures:

27K - 2700K

30K - 3000K

35K - 3500K

40K - 4000K

5

Finish:

WH - White (standard finish)

6

Control:

NO - No Dimming

DIM - 0-10V Source dimming option

(10% minimum dimming value)

(Current Source: 0.5mA/fixture)

N.B. ELV, TRIAC, 0-10V (sink), DALI and DMX enabled with
Lumentalk Data Bridge (order separately)

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