

Lumion Pro 275 Hospitality Series

3" Recessed, Surface, Pendant, Wall Mount



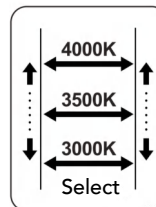
The Lumion Pro 275 combines sleek architectural aesthetics with a deliberate, low-glare optical engine designed for superior visual comfort. Featuring advanced dual-level optical control and a built-in programmer, it provides versatile lighting distributions tailored to any space available in both direct/indirect dual-lighting and direct downlight-only configurations.

Offered in standard lengths of 2', 3', 4', 6', and 8' as well as seamless continuous runs, the Lumion Pro 275 delivers independently controllable direct distribution options to dramatically elevate the occupant experience while maintaining industry-leading energy efficiency.



Features

- H-shaped extruded aluminum profile offering linear direct lighting.
- Available with individual units and seamless continuous runs.
- The modular design supports various mounting methods, including Pendant, Surface, Wall Mount, Recessed
- Provides soft, continuous light, making it an ideal architectural luminaire for commercial, hospitality, and residential interior lighting applications.



Series & Lens Pendant 275	Length /Pattern	Wattage	Output Lumen Pendant / Wall	Output Lumen Recessed / Surface	CCT	Input Voltage	Dimmable	CRI
			UP 30% Down 70%	Down 100%				
IL-2LSD 2FT20WBDHV	2'	20W	2300lm	1000lm	3000K 3500K 4000K	AC120-347V	0-10V	Ra>80
IL-2LSD 3FT30WBDHV	3'	30W	3450lm	1500lm				
IL-2LSD 4FT40WBDHV	4'	40W	4600lm	2000lm				
IL-2LSD 6FT60WBDHV	6'	60W	6900lm	3000lm				
IL-2LSD 8FT80WBDHV	8'	80W	9200lm	4000lm				
IL-2LSDL 20WBDHV	L= L Pattern	20W	2300lm					
IL-2LSDT 30WBDHV	T= T Pattern	30W	3450lm					
IL-2LSDC 40WBDHV	C= X Pattern	40W	4600lm					
IL-2LSDL 40WBDHV	120=120° Pattern	40W	4600lm					
IL-2LSDY 60WBDHV	Y= Y Pattern	60W	6900lm					

* Remark: CRI 90 or 130lm/W are available,
Standard Color Tolerance: ≤ 5SDCM (Single CCT) , ≤ 7SDCM (Mixed CCT) ; ≤ 3SDCM or ≤ 5SDCM, are available

Lumion Pro 275 Hospitality Series

3" Recessed, Surface, Pendant, Wall Mount

Ordering Guide

Sample Model#: R-275-IL-2LSD2FT20WBDHV(30K-35K-40K)-T-BK-SP



Luminaire ID	Series	Length/ Pattern	Wattage	Dip- Switch	Dimming	Voltage	CCT	Finish	Installation mode	Options
R-275 = Recessed P-275 = Pendant W-275= Wall mount S-275= Surface mount	IL-LSD = Gen2 Linear Series DownLight Only	2FT — 20W 3FT — 30W 4FT — 40W 6FT — 60W 8FT — 80W L = L Pattern — 20W T = T Pattern — 30W C = X Pattern — 40W 120=120° Pattern — 40W Y = Y Pattern — 60W		B=3-CCT Select	D=0-10V D1=1% 0-10V Dimming POE= PoE Compatible DA= DALI-2 (No ETL)	UV= 120-277V HV= 120-347V	(30K-35K-40K)-T= 3000K/3500K/4000K 3CCT Select (30K-40K-50K)-T= 3000K/4000K/5000K3CCT Select	BK= Black WH= White SA= Silver CUS= Custom	SP=Suspended air craft cable SC=Suspended Canopy and aircraft cable SM=Surface Mount WM=Wall Mount RT=T-Bar Recessed RS=Spring clip Recessed	Blank=NON EM=Emergency Backup MS=Microwave Sensor PIR=PIR Sensor BM=Mesh Control PIR Sensor

Accessories

Lens	Mounting Accessories	Canopy Type	Accessories	Pattern Options
PCD = PC Spotless Diffuser(Standard)	STA = Aircraft Rope(A type)	SCKA = Canopy D5"X H0.8"	TMS=T Corner Connector	DLLS=L-Shape Connector(Lit-Pattern)
BVB = Batwing Film for down	STB = Aircraft Rope(B type)	SCKB= Slim Canopy D5"X H0.31"	LMS=L Corner Connector	DYLS=Y-Shape Connector(Lit-Pattern)
PCL = Louver	STC = Aircraft Rope(C type)	SCKC = Slim Canopy D1.7"X H0.31"	XMS=X Corner Connector	DCLS=120° L-Shape Connector (Lit-Pattern)
PAL = Parabolic Grill	STD = Aircraft Rope(D type)	Canopy Finish	LBKB = Link Bracket with Hook	DXLS=X-Shape Connector(Lit-Pattern)
PCR = Continuous run lens	SDS=Drywall Pendant mount	BC = Black	73AC-5C = 7' 5-Core 300V Cable	DTLS=T-Shape Connector(Lit-Pattern)
HEL = Hex louver	SCS=Drop ceiling Pendant mount	WC = White	76AC-5C = 7' 5-Core 600V Cable	LMS = L-Shape Connector (Non Lit-pattern)
WAL = Asymmetric lens	NPT=NPT stem Pendant	SC = Sliver	73AC-6C = 7' 6-Core 300V Cable	TMS=T-Shape connector (Non Lit-pattern)
GLL = Glo-lens	WMB=B-type wall mount		76AC-6C= 7' 6-Core 600V Cable	XMS=X-Shape Connector (Non Lit-pattern)
PPC = Prismatic PC Diffuser	WMC=C-type wall mount		LBK = Internal Linkable Cable Kits	ZMS=Z-Shape Connector (Non Lit-pattern)
BVF=UGR < 22 Film	RMC=Clips Recessed mount		CBM= Wireless Control Box	2MS=(2 Heads x 60°) Connector
	RMT=H2.14" A-Type recessed		CAC = Convert Cable	3MS=(3 Head x 60°) Connector
	RMS=H1.48" B-type recessed		AK = Acoustic Kits	4MS=(4 Head x 60°) Connector
	RML=H3.34" C-type recessed		MCD=Mesh control driver	5MS=(5 Head x 60°) Connector
	RMD=H2.6" D-Type recessed		MAC=Multi-Directional Power Harness	6MS=(6 Head x 60°) Connector
	RMM=Mud-in trimless recessed mount		8EM=8W EM Internal	
	SMA=A-Type Surface Mount			
	SMB=B-Type Surface Mount			
	RMG=Frame Type recessed			

Lumion Pro 275 Hospitality Series

3" Recessed, Surface, Pendant, Wall Mount



Product Specifications

Construction

- Precision cut housing extruded from 6063 aluminum
- PC end-caps ensure a robust and clean construction
- Nominal 2' -8' illuminated sections with various connectors for continuous runs and shapes
- Standard white, black, silver and custom powder

Light Engine

- Standard 3 CCT Select, 3000K/3500K/4000K, 5 CCT are available
- CRI: Ra≥80 or Ra ≥90
Standard Color Tolerance: ≤5SDCM (Single CCT), ≤7SDCM (Mixed CCT); ≤3SDCM or ≤5SDCM, are available.

LED Drivers

- Class II UL certified driver
- Traditional electronic drivers are available for 120- 277/347V
- Flicker free<5%, PFC>0.9, THD<20%

Controls and Integrated Sensors

- Equipped standard with a 0-10V continuous dimming driver. Compatible with most standard dimming devices
- Additional control types are available (DALI & Lutron) at an additional cost

LINKABLE FUNCTION

- Max number after interconnection
2FT= 7 units 4FT=7 units 8FT=4 units
- Total connected load is <420W at 120V & <960W at 277V & <1200W at 347V

Lengths

- Available in 2FT,3FT,4FT,6FT,8FT length .
- Additional fixture lengths are available please consult factory.

Lumen Maintenance

- 90% (L90) of initial light output at 61,000+ hrs
- 70% (L70) of initial light output at 237,000+ hrs
- Derived from TM-21 standard @25°C for worst case operating conditions

Electrical

- 0-10V Dimming provided as standard
- Dimming wires capped with wire-nuts for nondimming applications
- Battery backup options provided
- Default battery location is internal to fixture
- Default emergency section is from 3ft to 8ft, except 2ft and patterns
- Estimated lumen output = battery wattage*min efficacy (see performance table)
- The EPC option will bypass local controls and dimming upon loss of normal power. This option is required when the fixture has both integrated sensors and emergency circuiting.

Weight

- Approximately 1.4 lbs per foot, Weight may vary depending on mounting and additional options selected

Environment

- Suited for damp location installations.
- Operating temperature range: -25° C to 50° C

Approvals

- CETL - listed for damp locations
- Tested to IESNA LM-79 and LM-80
- Can be used for State of California Title 24 high efficacy luminaire
- DesignLights Consortium® Qualified and classified for DLC Standard, refer to www.designlights.org for details and listed configurations.

Warranty

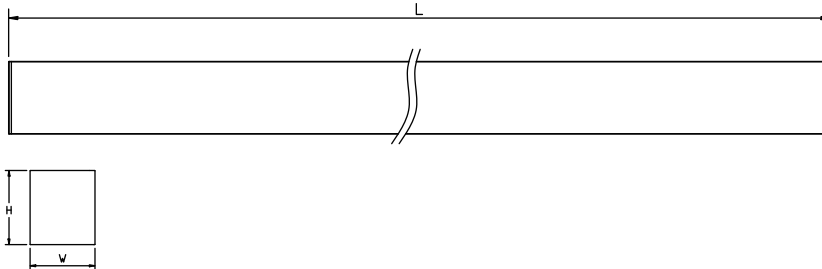
- Five year warranty standard

Lumion Pro 275 Hospitality Series

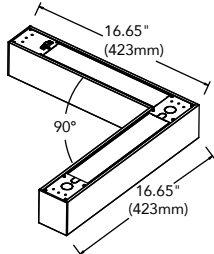
3" Recessed, Surface, Pendant, Wall Mount

Dimension

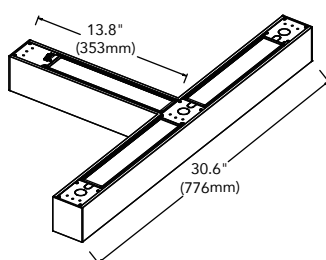
Size	L=Length	W=Width	H=Height
2'	23.85" (606mm)	2.75" (70mm)	3.15" (80mm)
3'	35.67" (906mm)		
4'	47.48" (1206mm)		
6'	71.10" (1806mm)		
8'	94.72" (2406mm)		



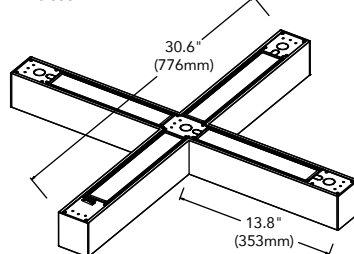
L Pattern



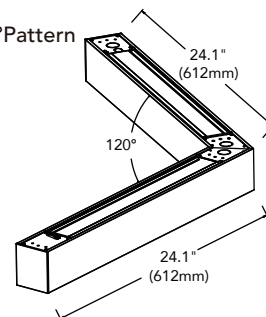
T Pattern



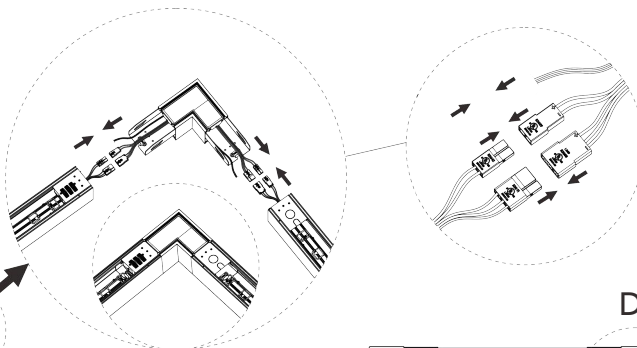
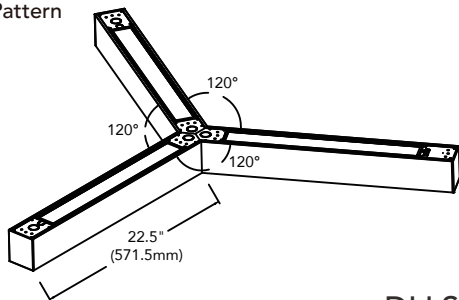
X Pattern



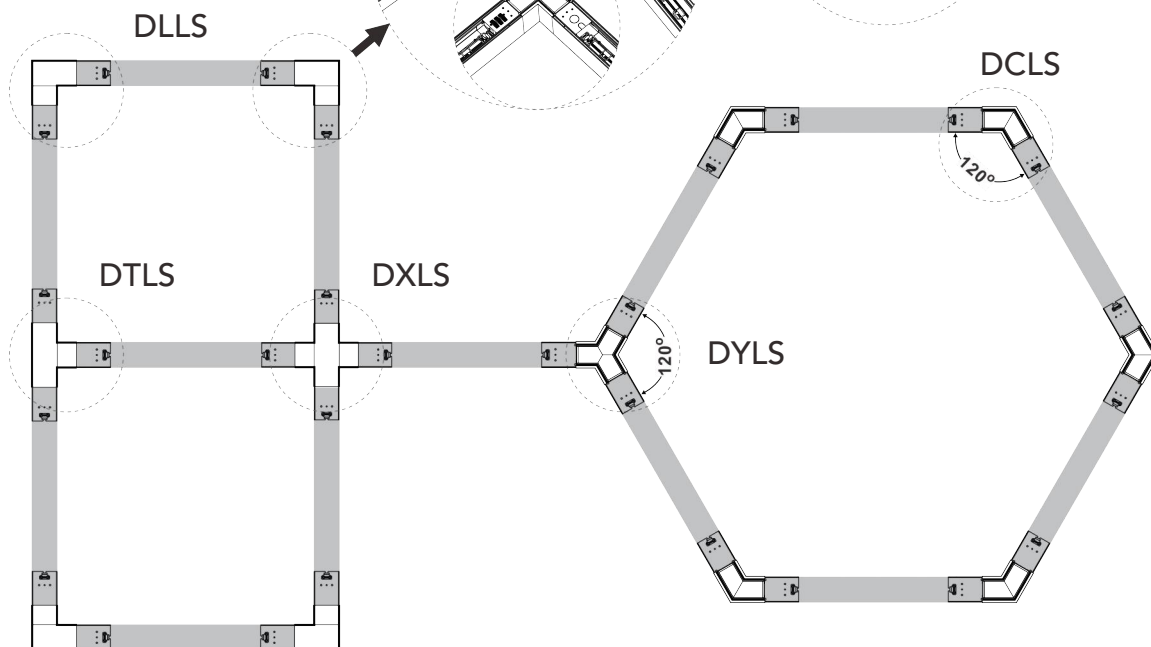
120° Pattern



Y Pattern



Example for
lit-pattern



Lumion Pro 275 Hospitality Series

3" Recessed, Surface, Pendant, Wall Mount

Lit-Pattern Connectors



LLS(L-Shape)



TLS(T-Shape)



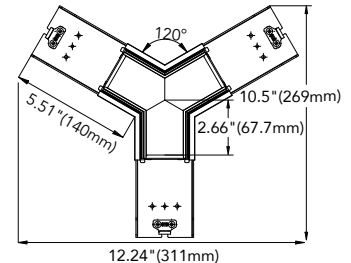
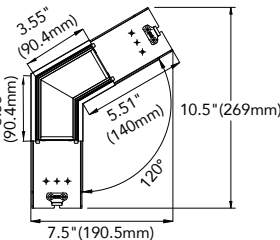
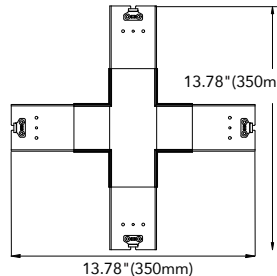
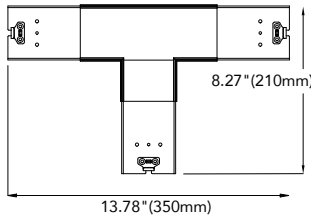
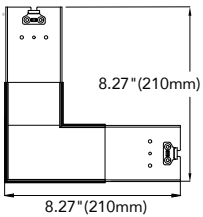
XLS(X-Shape)



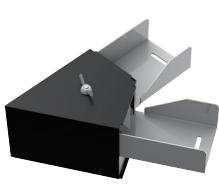
CLS(120°L-Shape)



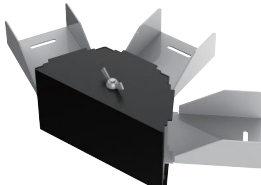
YLS(Y-Shape)



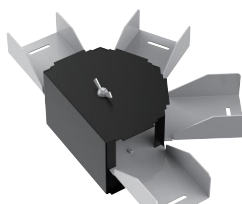
Non Lit-Pattern Connectors



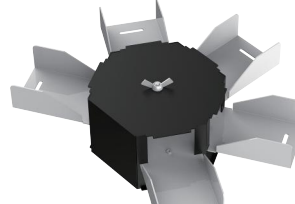
2MS(2 Head x 60°)



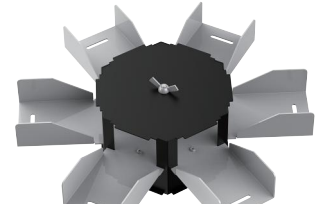
3MS(3 Head x 60°)



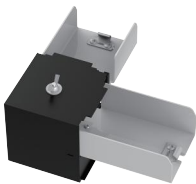
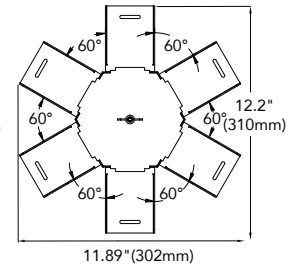
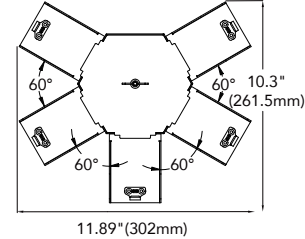
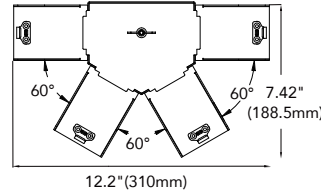
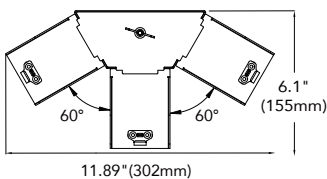
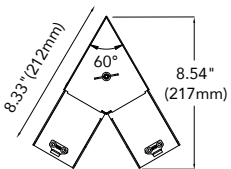
4MS(4 Head x 60°)



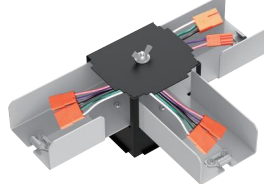
5MS(5 Head x 60°)



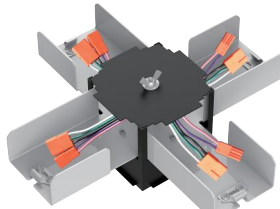
6MS(6 Head x 60°)



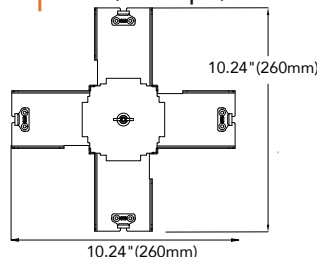
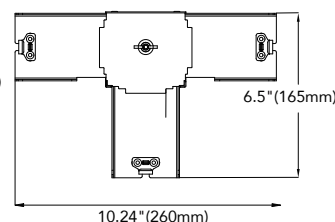
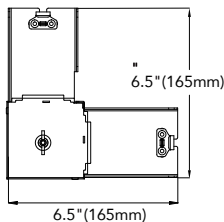
LMS(L-Shape)



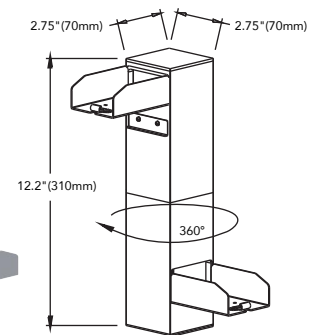
TMS(T-Shape)



XMS(X-Shape)



ZMS(Z-Shape)

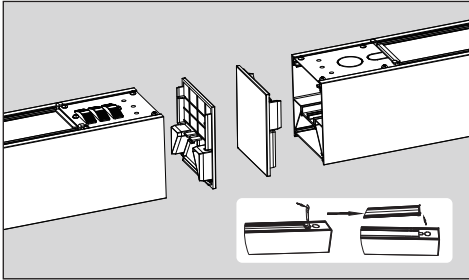


360° Rotable

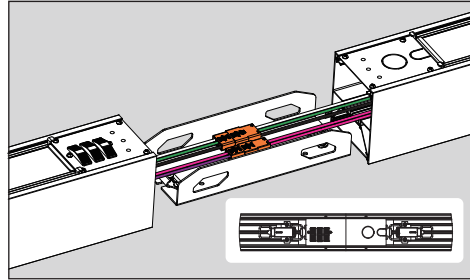
Lumion Pro 275 Hospitality Series

3" Recessed, Surface, Pendant, Wall Mount

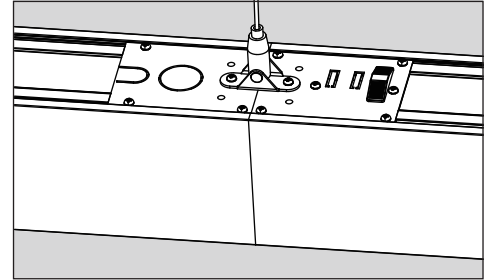
Quick linkable function



Step 1. Remove the end caps and open the upper metal cover with tool



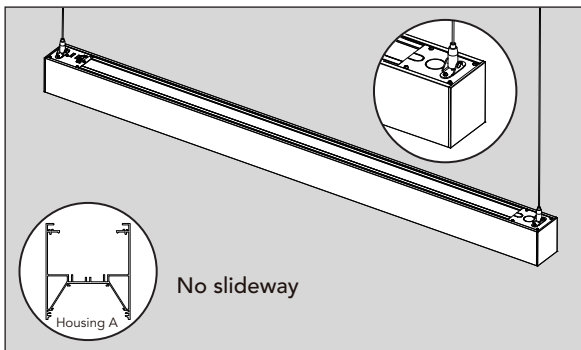
Step 2. Insert splicing bracket, Connect wiring via male/female quick connects, Slide lamp together, and fasten bracket with included buckles



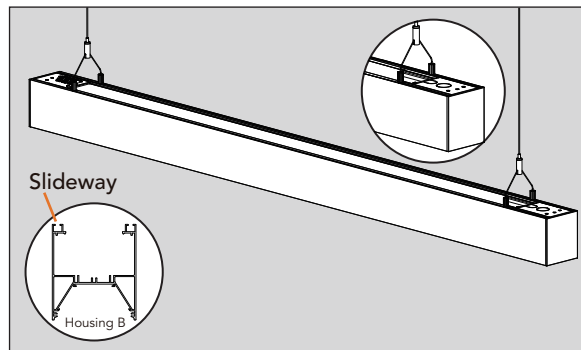
Step 3. Screw on aircraft cable (Fixed aircraft cable bridged across the fixture seam is recommended)

Housing Type

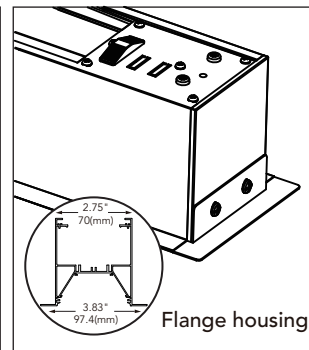
Housing A



Housing B



Housing C



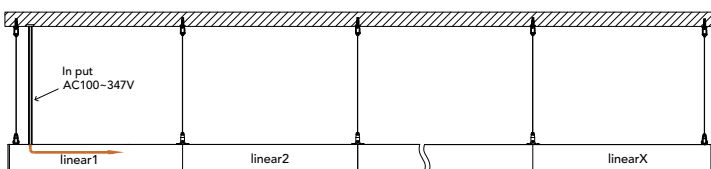
Work with fixed aircraft cable STA & STB

New design, slideway with adjustable position aircraft STC & STD

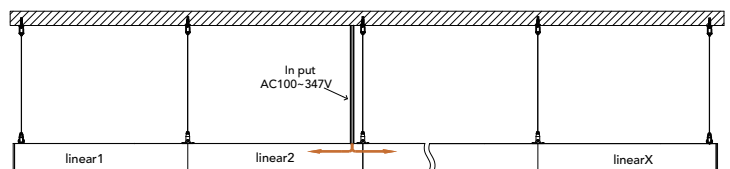
Housing C-Recessed housing with flange
No Slideway, Recessed only

* Remark: Aircraft Cable see page 12

Single Direction



Multi-Direction



Max number after interconnection 2FT= 7 units 4FT=7 units 8FT=4 units
Total connected load is <420W at 120V & <960W at 277V & <1200W at 347V

LBKB(Link Bracket with Hook)

* For Multi-Direction wiring requires use of accessory MAC (see page 15)



Lumion Pro 275 Hospitality Series

3" Recessed, Surface, Pendant, Wall Mount

Mounting Options

Wall Mount



Surface



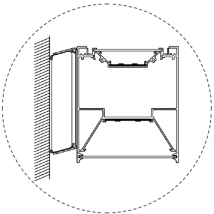
Recessed



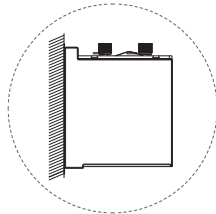
Pendant



Wallmount

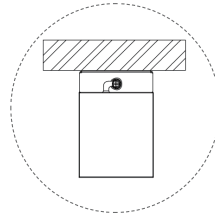


1.1 WMB-Wall Mount
Kits B-Type

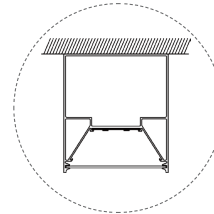


1.2 WMC-Wall Mount
Kits C-Type

Surface

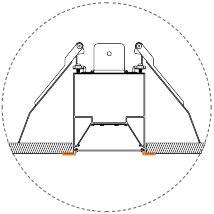


2.1 SMA-Surface mount
Kits A-Type

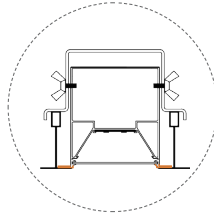


2.2 SMB-Surface mount
kits B-Type

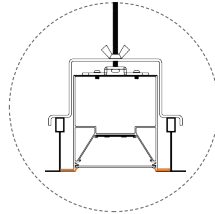
Recessed



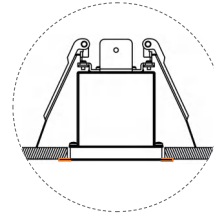
3.1 RMC-Recessed
Mount Spring clips
for Housing C



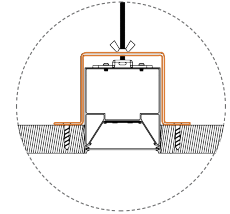
3.2 RMT-A type/T-Grid
Recessed Mount Kits
for Housing C



3.3 RMS-B type/T-Grid
Recessed mount Kits
for Housing C

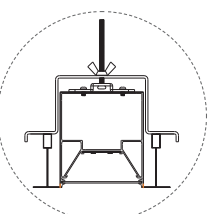


3.4 RMG-Frame type
Recessed Mount Kits

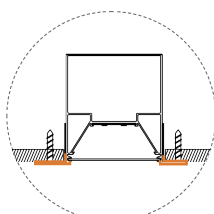


3.5 RML-C-type/Flangeless
Recessed Mount

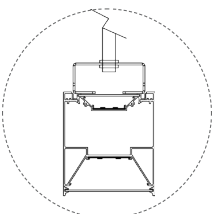
Pendant



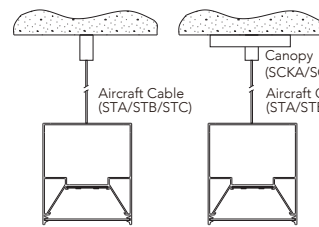
3.6 RMD-D-type/T-grid
Flangeless Recessed Mount



3.7 RMM-Mud-in trimless
Recessed Mount

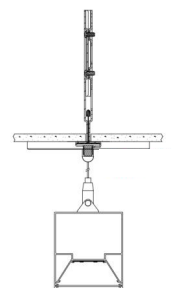


4.1 NPT Stem
Suspension



Aircraft Cable Aircraft Cable & Canopy

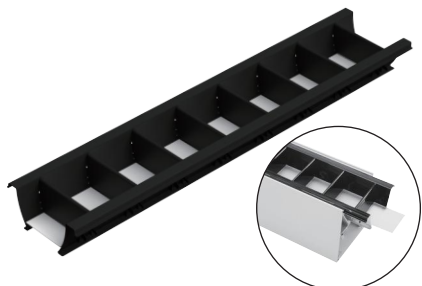
4.2 Dry ceiling
Suspension



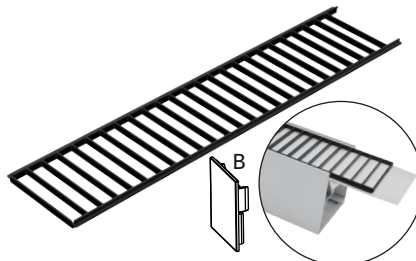
4.3 Drop ceiling
Suspension

Lumion Pro 275 Hospitality Series

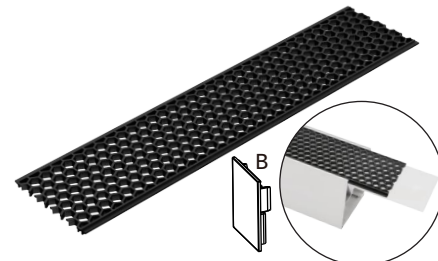
3" Recessed, Surface, Pendant, Wall Mount
Lens & Diffusers



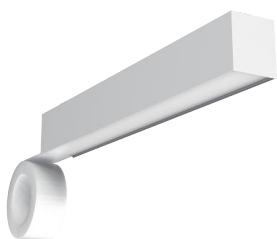
(1) PAL(Parabolic Lens) L=1FT



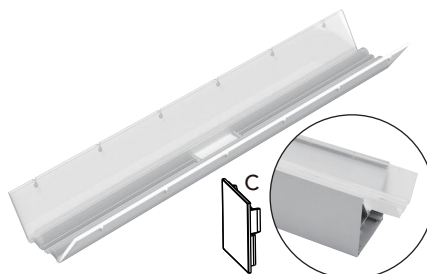
(2) PCL(PC Louver) L=1FT



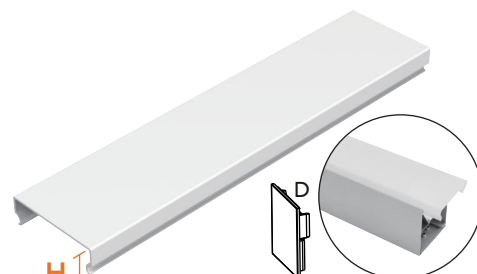
(3) HEL(Hex louver) L=1FT



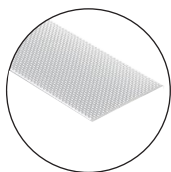
(4) PCR (PC continuous run lens)
L= 25M/roll



(5) WAL(Asymmetric Lens) L=1FT



(6) GLL(Glo lens) L=Any H=0.5"



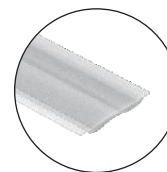
(7) PPC=Prismatic
PC Diffuser



(8) BVF=UGR < 22 Film



(9) BVB = Batwing Film
for down light



(10) BDO=(Upper Batwing Optic)
(New PCB board) L=Any

Fixture size	Quantity						
	(1)PAL	(2)PCL	END CAP (B)	(3)HEL	END CAP (B)	(5)WAL	END CAP (C)
2'	2	2	2	2	2	2	2
3'	3	3	2	3	2	3	2
4'	4	4	2	4	2	4	2
6'	6	6	2	6	2	6	2
8'	8	8	2	8	2	8	2

Fixture size	Quantity			
	(6)GLL	END CAP (D)	(4)PCR	(7)PPC (8)BVF (9)BVB (10)BDO
2'	1PCS, The length is the same as the fixture size	2	After splicing, cut to the required length according to the total length of the lamp.	1PCS, The length is the same as the fixture size
3'		2		
4'		2		
6'		2		
8'		2		

Lumion Pro 275 Hospitality Series

3" Recessed, Surface, Pendant, Wall Mount

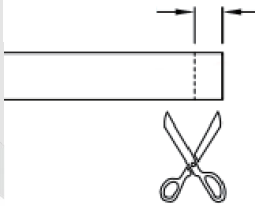
AK:Acoustic Kits



COLOR



Sensor Controls



MS(Microwave Sensor+Daylight Harvest)
/MSC (Sensor Controller)

Cut the PC lens 1.26"
to install the sensor

Wire accessories



3AC-5C: 5-Cores 300V
3AC-6C: 6-Cores 300V
6AC-5C: 5-Cores 600V
6AC-6C: 6-Cores 600V



LBK=Internal Linkable
cable kits



CAC :Convert Cable
(X-Pattern need)

male-female connectors, L=3.54"
male-male connectors, L=3.54"
female-female connectors, L=3.54"



MAC(Multi-direction harness)
Wire Harness Kit for Multidirectional Power feed.
Used in conjunction with an input power cord,
when the feed location is in center of run.



BM (Bluetooth+ PIR Sensor+Daylight)
Bluetooth mesh control for SmartLoop system
It Must work with CBM box

CBM(Wireless Control Box /Metal)

Emergency Backup



8EM(8W EM) Internal



MCD=Mesh control Driver