# LUMENRAIL® FIXTURE TY, DIST, GAGE SPECS

## Installation Instructions

Another Lumenrail® Document for Life Safety and Light



Lumenpod® 16: Quantity, Distance & Conductor Specification Sample						
Wire Gauge	16 AWG 14 AWG 12 AWG 10 AWG					
Remote Distance to First Pod	20′	45′	70′	95′		

### Suitable Values for 500mA Drive Current With:

- 42 Pods on 2' spacing using our 100W standard driver
- 26 Pods on 2' spacing using our 100W USA driver

Actual distances will vary depending on the total load, drive current, wire gauge and fixture spacing.





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Bantam™: Quantity, Distance & Conductor Specification Sample						
Wire Gauge	16 AWG	16 AWG 14 AWG 12 AWG 10 AWG				
Remote Distance to First Bantam	20′	45′	70′	95′		

### Suitable Values for 500mA Drive Current With:

icing (7' intermediate conductors) using our 100W standard driver acing (7' intermediate conductors) using our 100W USA driver

epending on the total load, drive current, wire gauge and fixture spacing.

ns with overall design of system. Conductor supply and gauge specification by others.

Bantam™ SQ: Quantity, Distance & Conductor Specification Sample					
Wire Gauge	16 AWG	14 AWG	12 AWG	10 AWG	
Remote Distance to First Bantam	20′	45′	70′	95′	

### Suitable Values for 500mA Drive Current With:

36 Bantams on post spacing (7' intermediate conductors) using our 100W standard

Lumenpod<sup>®</sup> 28: Quantity, Distance & Conductor Specification Sample

20 Bantams on post spacing (7' intermediate conductors) using our 100W USA drive

16 AWG

20'

Actual distances will vary depending on the total load, drive current, wire gauge and fixture spacing. Verify all distance calculations with overall design of system. Conductor supply and gauge specification by others.

14 AWG

45'



US PAT. #10,612,734 B2

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#### Suitable Values for 100W, 24VDC @ 500mA Drive Current With: 42 Pods on 2' spacing using our 100W standard driver .

Wire Gauge

**Remote Distance to First Pod** 

26 Pods on 2' spacing using our 100W USA driver

Actual distances will vary depending on the total load, drive current, wire gauge and fixture spacing.

Verify all distance calculations with overall design of system. Conductor supply and gauge specification by others.

Lumenpod® 30: Quantity, Distance & Conductor Specification Sample					Fixture Wattage
Wire Gauge	16 AWG	14 AWG	12 AWG	10 AWG	Per/Lumenpod® 30
Remote Distance to First Pod	20′	45′	70′	95′	1.7W @ 350mA
					2.2W @ 500mA
Suitable Values for 100W, 24VDC @	500mA Drive Ci	irrent With:			

s for 100W, 24VDC @ 500mA Drive Current With:

36 Pods on post spacing (7' intermediate conductors) using our 100W standard driver 20 Pods on post spacing (7' intermediate conductors) using our 100W USA driver

Actual distances will vary depending on the total load, drive current, wire gauge and fixture spacing.

Verify all distance calculations with overall design of system. Conductor supply and gauge specification by others.

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mple	Fixture Wattage
0 AWG	Per/Bantam™
95′	1.7W @ 350mA 2.2W @ 500mA
d driver	Wire Length
er	8″



Fixture Wattage Per/Lumenpod® 16 1.7W @ 350mA 2.2W @ 500mA

Wire Length

8″

Fixture Wattage Per/Bantam™ 1.7W @ 350mA 2.2W @ 500mA

Wire Length

8"

Fixture Wattage

Per/Lumenpod® 28

1.7W @ 350mA 2.2W @ 500mA

Wire Length

8″

Wire Length

8″

12 AWG

70'

10 AWG

95'

Wire Gauge
Bantam™ SQ: Quant
<ul> <li>20 Bantams on post spa Actual distances will vary dep Verify all distance calculation</li> </ul>
• 36 Bantams on post spa

# LUMENRAIL® FIXTURE Y, DIST, GAGE SPECS

## Installation Instructions

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Lumenlinear™: Distance & Conductor Specification Example						
Wire Gauge	18 AWG	18 AWG 16 AWG 14 AWG 12 AWG 10 AWG				
Distance to First Fixture	18′	29′	46′	71′	120′	

### Suitable Values for 100W, 24VDC @ 500mA Drive Current.

Actual distances will vary depending on the total load, drive current, wire gauge and fixture spacing. Verify all distance calculations with overall design of system. Conductor supply and gauge specification by others.

Lumenlinear™ - Lumens/FT Specifications Using 120° Output						
	2W/FT 4W/FT 6W/FT					/FT
Lens Specification	Matte	Transparent	Matte	Transparent	Matte	Transparent
CCT 3000 K	131 lm	147 lm	235 lm	268 lm	336 lm	383 lm
CCT 4000 K	132 lm	152 lm	247 lm	284 lm	361 lm	413 lm

Download IES files from our website or contact factory for other configuration data.





umenlinear™: Conductor Qty. By-Pass Limitations					
Wire Gauge	1.5″ D	1.66″ D	1.90″ D		
14 AWG	2	2	6		
12 AWG	Х	Х	4		
10 AWG	Х	Х	2		

Light Run Lengths by W/FT-100W					
2W/FT	4W/FT	6W/FT			
40FT	20FT	13FT			
Wire Length					
18″ (X2)					

Conductor supply and gauge specification by others.

Aura™: Quantity, Distance & Conductor Specification Sample						
Wire Gauge	16 AWG	14 AWG	12 AWG	10 AWG		
Remote Distance to First Aura	20′	45′	70′	95′		





Fixture Wattage
Per/Cuff <sup>™</sup>
1.7W @ 350mA
2.2W @ 500mA

Wire Length	
8″	

### Page 2 of 2



(in f) (in P)

Cuff™: Quantity, Distance & Conductor Specification Sample								
Wire Gauge	16 AWG	14 AWG	12 AWG	10 AWG				
Remote Distance to First Cuff	20′	45′	70′	95′				

#### Suitable Values For 500mA Drive Current With:

36 Cuffs on post spacing (7' intermediate conductors) using our 100W standard driver

20 Cuffs on post spacing (7' intermediate conductors) using our 100W USA driver Actual distances will vary depending on the total load, drive current, wire gauge and fixture spacing. Verify all distance calculations with overall design of system. Conductor supply and gauge specifications by others.

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<u> </u>		
12 AWG	10 AWG	
70′	95′	

### Suitable Values For 500mA Drive Current With:

36 Auras on post spacing (7' intermediate conductors) using our 100W standard driver . 20 Auras on post spacing (7' intermediate conductors) using our 100W USA driver .

Actual distances will vary depending on the total load, drive current, wire gauge and fixture spacing. Verify all distance calculations with overall design of system. Conductor supply and gauge specifications by others.