HOWARD INDUSTRIES INTRODUCES

Pedestrian Light Path SIGN SYSTEM

PATENT PENDING

5 Year WARRANTY

Pedestrian Light Path SIGN SYSTEM
Light Path Sign System
Foundation (by others)

**LPSS Overview Features**

*Easy to operate: no programming required – install with conventional tools.*

1. Durable-weather, rust-resistant aluminum body construction with high-performance, 100%-acrylic-polyurethane finish

2. Low-power consumption (1 amp @ 120v supply or .5 amp @ 277v supply)

3. Advanced louver design directs lighting, preventing blinding of drivers and pedestrians – Lexan® cover for debris-free louvers

4. Long-life, high-intensity LED lighting technology

5. Modular component construction – easy maintenance

6. Integral push button activation with wireless communication. Optional – Bollard mounted directional-motion-sensor activation

7. Louvered panel disperses ultra-bright, pure-white LED illuminated light beam that projects over 16 feet

8. Custom graphic area
Light Path Sign System
Foundation (by others)

Foundation Details (by others)

1 1/2" Ø
Conduit
Pass Through
Point

18" Ø
Caisson
Foundation

1 1/2" - 13
Threaded Rod with Washers and Nuts

Scale
1/2" = 1'

Foundations by Others

3/16"  
5 7/16"  
3"

37 7/8"  
5 63/8"

10 9/16"  
2 7/8"

48"  
10"
LPSS Exploded View

A Front lens retainer panel
B Custom graphic area
C .125” polycarbonate front lens
D .050” aluminum custom routed louver retainer panel assembly with high-intensity-LED lighting modules
E Louver retainer
F Electronic component encloser
G Wireless communication module
H Power control module
I Low-voltage terminal block
J P20 extruded aluminum frame with welded baseplate
K Power connection box with 20 Amp disconnect switch
L-M 2-piece custom aluminum extruded baseplate cover
N 120-277 vac to 24Vdc power supply
O .100” aluminum rear access panel
P .050” rear lighting deflector with 2 low intensity accent LEDs
Q .100” aluminum rear lighting access panel
R .125” polycarbonate lens
S Activation push button
T Custom push to walk graphic
Light Path Sign System

Wiring Details

Control Layout Details

- Wireless Control Module
- Power Control Relay
- 24 Vdc Power Block
- 24 Vdc Power Supply
- 120/277 Volt ac Power Connection Box with 20 amp SPST Disconnect Switch

High Intensity LED Modules
Light Path Sign System
Optional - Bollard Activation Detail

Conduit Details
by others

Dual Beam Directional Pedestrian Sensors

(Conduit B)
12 Vdc from Pedestrian Light Path Unit
Signal Wires from Sensor Bollards to Pedestrian Light Path Unit

(Conduit A)
120-277 Vac in from External Power Source

(Conduit C)
120-277 Vac in from External Power Source
24 Vdc from Pedestrian Crossing Unit to Bollards/Signal Wires from Sensor Bollards to Light Path Unit
Light Path Sign System
Optional Directional Bollard

LPSS Bollard Foundation Details

A  2 1/4" x 10" flat cap
B  Protective all-weather hood
C  Dual-beam-pedestrian sensors
D  2 1/4" x 10" x 3/8" Aluminum bollard post with welded baseplate
E  8" x 8" Custom decorative baseplate cover (shown slid up on post for easy anchor access)

9/16 Diameter Holes in Baseplate to accommodate 1/2" Threaded Rod for Mounting purposes. Recommended Depth of Concrete is no less than 24" to keep sensor alignment.

Bollard Connection Cable
Cable to Ped XING Unit
Lighting Output Details

- Foot Candles: 324.4, 372.2, 393.1, 566.8, 947.7, 592, 360, 262, 186, 139, 115, 87, 72
- Distance From Light Path: 11.5', 32.5', 53.5', 74.5', 95.5', 116.5', 137.5', 158.5', 179.5', 200.5', 221.5', 242.5', 263.5'
- Lux at different angles:
  - ~6.5 Lux
  - ~8.8 Lux
  - ~21.6 Lux

Light Path Sign System
Project: Light Distribution
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