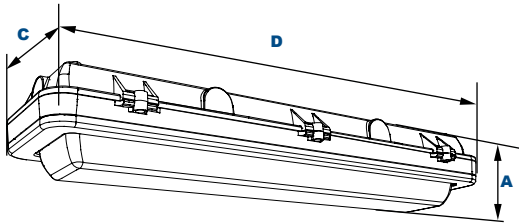


Project:	
Type:	
Catalog #:	



Dimensions

Width (D)	24 1/8" (614mm)
Length (C)	7" (178mm)
Height (A)	4" (102mm)

Order Information:

Model	Wattage	Driver	CCT	Lens	Color	Options
TSW24	4=47w 6=66w	LV=120-277V HV=347-480V	I=4000K C=5000K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L=Diffused Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	G=Gray P=Platinum C=Custom (Consult Factory)	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection BU=Battery Backup

SPECIFICATIONS AND FEATURES

The TSW24 series wall, pendant and ceiling mount luminaire is available with clear or diffused lenses and open door frame designed to replace HID lighting systems from 175w to 250w MH or HPS. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 12 to 25 feet can be used based on light level and uniformity requirements.

HOUSING:

Heavy-Duty Die Cast Aluminum Housing and Top Frame. Can Be Tapped for Side Conduit Entry.

LISTING AND RATINGS:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750
IP66 Sealed LED Compartment. ADA Compliant (Without Brackets)

FINISH:

Gray Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

LENS:

Clear UV-Stabilized Polycarbonate or Diffused Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens

MOUNTING OPTIONS:

Surface Mount or Use Optional Stainless Steel Quick-Mount Bracket, Adjustable Bracket, or Yoke.

LED:

Aluminum Boards

WATTAGE:

47w: Array: 47w, System: 57.8w; (175w HID Equivalent)
66w: Array: 66w, System: 77.3w; (250w HID Equivalent)

DRIVER:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

WARRANTY:

5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

Accessories & Replacement Parts:



K

AM*

Mounting Accessories (Order Separately, Field Installed)

K	Stainless Steel Quick Mount Bracket. Requires Two Brackets Per Fixture.
AM	Stainless Steel Adjustable Bracket, Set of Two
YK	Stainless Steel Yokes for LV2A, Includes Hardware.

Replacement Parts (Order Separately, Field Installed)

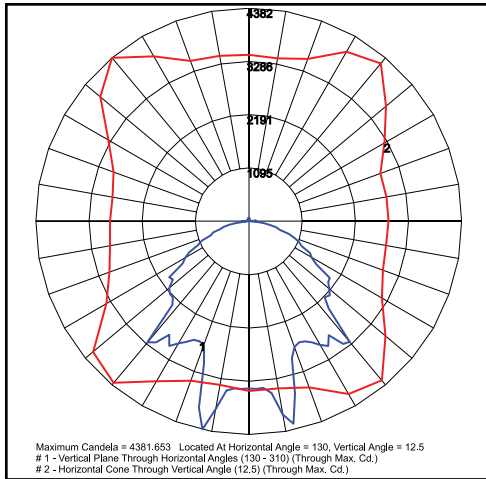
DL	Diffused Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens
CL	Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens



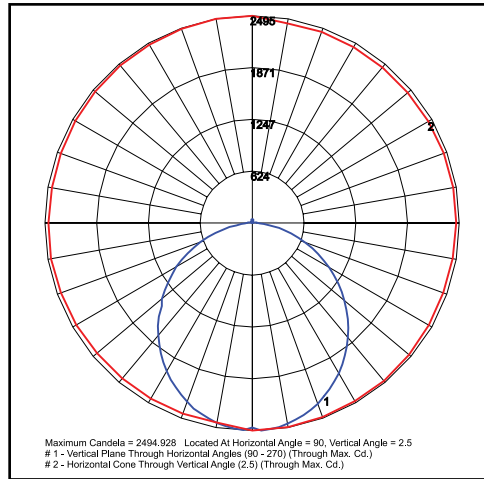
YK*

*Shown Mounted

Photometric Data



TSW24 Clear Lens
Wide Optic



TSW24 Diffused Lens
Wide Optic

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Spacing Criteria	5000 CCT 80 CRI		4000 CCT 80 CRI	
					Lumens	LPW	Lumens	LPW
47w (Clear Lens)	116	58	Open Frame (100° x 100°)	1.22	7,309	126	7,017	121
47w (Diffused Lens)			Open Frame (110° x 130°)	1.30	5,932	102	5,695	98
66w (Clear Lens)		77	Open Frame (100° x 100°)	1.22	10,294	134	9,882	128
66w (Diffused Lens)			Open Frame (110° x 130°)	1.30	8,356	109	8,021	104

Projected Lumen Maintenance

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 77w	1.00	0.95	0.89	0.78	138,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.86	0.72	0.43	53,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.84	0.68	62,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.