RWS
Radial Wrap with Hi-Lo Controls

Application

- Stairwells and parking structures are ideal applications for Precision RWS series radial wrap fixtures and automated controls.
- A single low wattage 2' fluorescent lamp is constant on while the 4' lamps are controlled by an occupancy and/or daylight sensor.
- The RWS is available in both T8 and T5 configurations of various lengths.
- Similar controls strategies available in our very economical STS Standard Strip Series.
- For non-controlled versions of the RWS please see our RWL series.

System Performance Guide

RWS Radial Wrap Systems	Primary Lamp Quantity and Type		Mean Lumens Per Lamp	Mean Lumens Per Fixt	Ballast Factor	Net Lumens Per Fixt	Full Input Watts	**Low Input Watts**
RWLE-SQ1-1-1x4-1L32/1L17-LP	1	F32T8-741	2,710	2,710	0.77	2,087	42	**15**
RWLE-SQ2-2-1x4-2L32/1L17-LP	2	F32T8-741	2,710	5,420	0.77	4,173	67	**15**
RWLE-SQ4-2-1x4-4L32/1L17-LP	4	F32T8-741	2,710	10,840	0.77	8,347	113	**15**
RWLE-SQ1-1-1x4-1L54/1L17-LP	1	F54T5-841	4,500	4,500	1.00	4,500	79	**15**
RWLE-SQ2-2-1x4-2L54/1L17-LP	2	F54T5-841	4,500	9,000	1.00	9,000	132	**15**

Note: Secondary lamp type for constant on examples shown, is F17/T8/741 with Ultra Efficient Low Watt Ballast

Compare To

Standard T12 Fluorescent System	Lamp Quantity and Type		Mean Lumens Per Lamp	Mean Lumens Per Fixt	Ballast Factor	Net Lumens Per Fixt	Full Input Watts	**Low Input Watts**
1L40-1x4-WM, Mag	1	F40CW/ES	2,300	2,300	0.88	2,024	43	**43**
2L40-1x4-WM, Mag	2	F40CW/ES	2,300	4,600	0.88	4,048	72	**72**
3L40-1x4-WM, Mag	3	F40CW/ES	2,300	6,900	0.88	6,072	115	**115**
2L96-1x8-WM, Mag	2	F96CW/ES	4,750	9,500	0.88	8,360	126	**126**
MH175- Standard Mag	1	MVR175/U	8,800	8,800	1.00	8,800	205	**205**

Ordering Options

- 1x2 through 1x8 fixture bodies are available in 1 or 2 lamp cross-sections, and in a variety of controls configurations.
- Can be surface mounted or suspended.
- Integrated occupancy and/or daylight sensors available to customer specifications.
- Ballast and reflector material to customer specifications.
- 91% reflectance *Hi-Ref White* with UV inhibitor and 10 year warranty standard.
- Optional 93-95% reflectance Enhanced Aluminum Reflectors with 25 year warranty.
- Optional 86% reflectance Anodized Aluminum with 25 year warranty.

Energy Efficient Radial Wrap Luminaire

Construction

- Heavy Duty .032 White Aluminum fixture body, dissipates heat at nearly four times the rate of steel to prolong ballast life.
- Highly efficient acrylic radial lens.
- Tool-less access to ballast for ease of maintenance.
- Precision engineered reflector available in a variety of quality materials from 86% to 95% reflectance.

Occupancy/Daylight Sensor

- Quality units from Sensorswitch, Wattstopper, Hubbell, and Leviton available to customer specifications.
- Three to Five Year Warranty from Sensor Manufacturer.

Ballast

- Osram, Advance, GE, or Universal.
- Specify preference, if any, at time of order.
- Three to Five Year Warranty from Ballast Manufacturer.

Contact Us

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RWS
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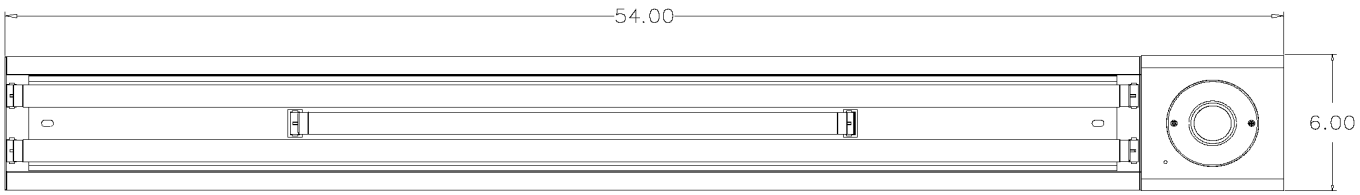
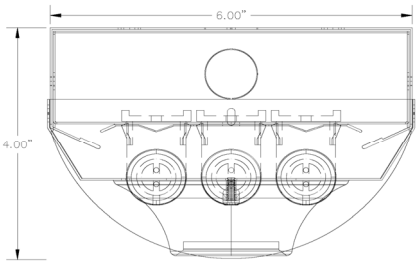
Dimensions





Annual dollars saved when replacing a Standard 2LF40 Stairwell Fixture with the RWS as configured below:

Cost per KWh	Annual Savings
0.07	$ 30.92
0.09	$ 39.75
0.11	$ 48.59
0.13	$ 57.42
0.15	$ 66.26

Ordering Guide

RWS - SQ2 - 2 - 1x4 - 2L32 - 1L17 - UL - IS/L - IS/L - WA

RWS	SQ2	2	1x4	2L32	1L17	UL	IS/L	IS/L	WA
Fixture Series	Sensor	Lamps Wide	Fixture Body	Primary Lamps	Constant Lamp	Ballast Voltage	Primary Ballast	Constant Ballast	Reflector Material

Fixture Series
RWS = Radial Wrap Hi-Lo

Primary Lamps Wide
1 = 1-Lamp Cross Section
2 = 2-Lamp Cross Section

Fixture Body
1x4
1x8

Sensor Type*
SQ2 = 360 View Occupancy
RT2 = Aisle View Occupancy
OA2 = 360 View Combo w/Photocell

Primary Lamp Combinations
1L32 = 1 Lamp F32T8
2L32 = 2 Lamp F32T8
4L32 = 4 Lamp F32T8
1L54 = 1 Lamp F54T5HO
2L54 = 2 Lamp F54T5HO
4L54 = 4 Lamp F54T5HO

Constant Lamp
1L17 = 1Lamp F17T8

Ballast Voltage
UL = Universal Low 120-277
UH = Universal Low 347-480

Ballast Type
IS/L = Instant Start / Low BF
IS/N = Instant Start / STD BF
IS/H = Instant Start / High BF
IS/LE = Instant Start / Low BF, Extra Efficient
IS/NE = Instant Start / STD BF, Extra Efficient
IS/HE = Instant Start / High BF, Extra Efficient
PS/L = Program Start / Low BF
PS/N = Program Start / STD BF
PS/H = Program Start / High BF
PS/LE = Program Start / Low BF, Extra Efficient
PS/NE = Program Start / STD BF, Extra Efficient
PS/HE = Program Start / High BF, Extra Efficient

Reflector Material
WA = PRD Hi-Ref White 91%
EA = Enhanced Aluminum 93-95%

* Numeral indicates number of primary lamps controlled. Secondary lamp constant on. Consult factory for ordering assistance and detailed specification of sensor types.