Symphony Remote Driver Series
Lensed 4" Wall Wash • LED
Up to 90,000 Hour Rated Life • Type IC • Wet Location
LM-80 Qualified • LM-79 Certified Photometry

SRS-04160

Specifications

Delivered System Performance
- Lumen Series: **Must Specify**
- -1500L: 1500 nominal lumens (20W)
- Color temperature: 3500°K standard; Optional: -27K, -30K, -41K or -50K
- CRI: 80+ standard; Optional: -HC (90+)
- 90,000 hour rated life (L70) in open plenum; 60,000 hour rated life in insulation (Type IC)
- Fully sustainable: removable for servicing
- Center beam optics positioned at 25°

Thermal Management System
- All aluminum heat sink, components and housing maximize cool operation and long life while minimizing maintenance

Remote Power Supply Required
- For 0-10V use **SYM-CABNT**
- For DMX with RDM use **SYM-DMXPS**
- The **Symphony Configurator** can help determine the necessary components

SmartPower™ Battery Backup
- **EMI-21220** for emergency power
- See specification sheet; order separately

Trim
- Clear specular aluminum trim
- Self-flanged, low glare angle-cut square; prismatic spread lens above
- Optional colors and finishes available

Acrylic Enameled Aluminum Housing
- Rustproof and corrosion resistant: Exceeds 1000 hour ASTM 5% salt spray test
- Shallow depth fits restricted plenums
- Cool operation: Extends life of all components
- Fully sustainable: Entire luminaire, including LED light engine, is modular, easily visible and serviced through aperture
- Built-in plaster flange

Outlet Box
- UL listed J-box with insulated removable cover; prewired 14 GA (NEC) with ½" and ¾" knockouts

Installation
- Requires minimum 16 AWG shielded twisted pair wire from SmartDMX™ to fixtures
- **Maximum cable run from driver to fixture is 250'**

- Recess indoor or outdoor
- Accommodates ceilings up to 1¼" thick
- Compatible with fire rated enclosures (by others)
- 27" galvanized hanger bars with adjustable mounting brackets (2) supplied

UL, C-UL (Canada) Listings
- Wet, damp or dry locations, covered ceilings
- Type IC: for direct contact with insulation
- Through-branch conductors (4 #12 AWG 90°C) for Type IC Listing

FCC Compliance
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty
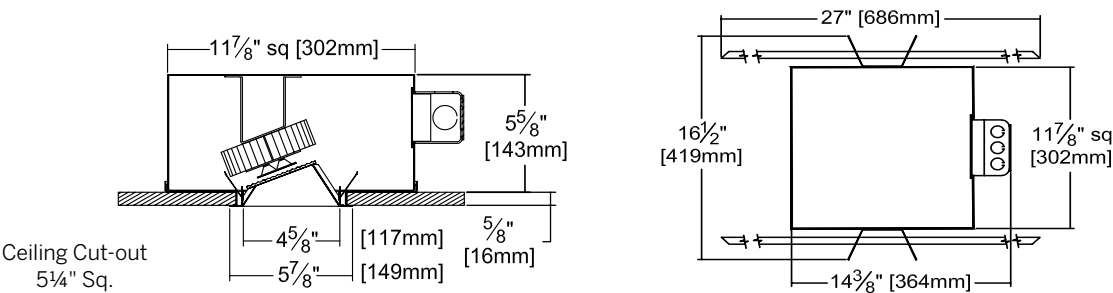- Complete standard fixture (must be used with SYM-CABNT or SYM-DMXPS)

Made in the USA
BABAA Compliant

FCC Part 15 Certified

UL Listed Wet, Damp, Dry

Options and Ordering Configuration

(Example: SRS-04160-1500L-30K-94)

Must Specify		Optional		
Model	**Lumens**	**Color Temp. (CCT)**	**Lens & Trim**	**Other Options**
SRS-04160				
	-1500L	**(Blank):** 3500°K **-27K:** 2700°K instead **-30K:** 3000°K instead **-41K:** 4000°K instead **-50K:** 5000°K instead **-HC:** 90+ CRI instead	**(Blank):** Clear specular trim; lens above **-30T:** White enamel (complete trim) **-30F:** White enamel (flange only) **-32:** White oversize trim ring; specify O.D. **-37F:** Dark bronze enamel (flange only) **-38F:** Black enamel (flange only) **-45:** Gasket between trim flange and ceiling **-70T:** Clear semi-specular SofTex™ (complete trim) **-94:** Custom color/finish; specify; consult factory **-CF:** Custom color filter (Rosco); specify	**(Blank):** None **-99:** Special modification; consult factory **-AT:** Air tight version; meets ASTM E283 restricted airflow of 2 CFM maximum **-RH:** Residential mounting hardware instead. Suitable for wood joist ceilings with spacing from 14 ⅛" to 25 ⅞" with ⅝" vertical adjustability

Dimensions

11⅞" sq [302mm]
5⅝" [143mm]

Ceiling Cut-out
5¼" Sq.

4⅝" [117mm]
5⅞" [149mm]
⅝" [16mm]

27" [686mm]
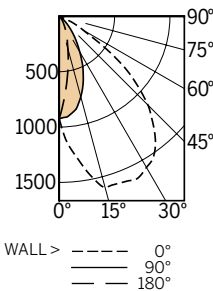16½" [419mm]
11⅞" sq [302mm]
14⅜" [364mm]

Photometry - Installed Complete Fixture

Photometry from I.T.L., Boulder, CO

LM-79 IESNA Certified Photometry from Independent Lab

-1500L STANDARD (NFL)

Lumens: 1385
LPW: 66
Efficiency: 68.5%
ITL Test: 87236

Total System Watts 20.9

		SINGLE FIXTURE					MULTIPLE FIXTURES				
DISTANCE FROM CEILING IN FEET		1'	2'	3'	4'		2' CENTERS			3' CENTERS	
		FIXTURE INSTALLED 2' FROM WALL — Footcandle Distribution on Wall Surface									
1	29.8	13.9	1.8	0.7	0.4		35.8	35.8	35.8	32.1	11.8	32.0
2	101.0	56.1	13.9	2.6	0.6		131.0	131.0	131.0	105.0	60.7	105.0
3	66.2	47.8	18.5	5.7	1.6		107.0	107.0	107.0	78.7	64.5	78.7
4	36.9	30.1	16.1	6.8	2.5		75.8	75.9	75.8	51.4	50.4	51.4
5	21.2	18.5	12.1	6.3	3.0		52.9	53.0	53.0	35.2	35.6	35.2
6	13.2	12.0	8.7	5.3	2.9		39.2	39.3	39.3	26.0	25.8	26.0
7	8.9	8.2	6.4	4.4	2.7		30.1	30.2	30.2	20.0	20.1	20.0
8	6.3	5.9	4.9	3.6	2.4		24.5	24.8	24.8	16.1	16.4	16.1
9	4.9	4.6	4.0	3.1	2.3		21.1	21.2	21.2	13.7	14.0	13.7

Candela chart values: 500, 1000, 1500; angles 0°, 15°, 30°, 45°, 60°, 75°, 90°

WALL >
----- 0°
——— 90°
— — 180°

LED manufacturers maintain a tolerance of +/-7% on flux (lumens) and power (electrical) measurements.

Symphony Driver Modules

Fully Digital Controlled Power Source for LED Luminaires

Mounted in Kirlin's **SYM-CABNT**

Drivers wired in series

AUX output voltage: 4.24V (DC)
AUX output current: 700mA max
For use in damp and dry locations.

Driver Module	Maximum Capacity	Fixture Load Examples
DVR-1400A	Up to Qty 2: 1500L Luminaires	• Qty 1: SRS-04160-1500L • Qty 2: SRS-04160-1500L • Qty 1: SRS-04160-1500L and Qty 1: SRS-04155-1500L
DVR-1400B *Not available with DMX dimming	Up to Qty 4: 1500L Luminaires	• Qty 3: SRS-04160-1500L • Qty 4: SRS-04160-1500L • Qty 2: SRS-04160-1500L and Qty 2: SRS-04155-1500L