

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

# Symphony Remote Driver Series

## Regressed Lensed 12" Cylinder • LED

Up to 60,000 Hour Rated Life (L70) • Wet Location

LM-80 Qualified • LM-79 Certified Photometry

## SSR-12628



## Specifications

### Delivered System Performance

- Lumen Series: **Must Specify**
  - 6500L: 6500 nominal lumens (74W)
  - 5000L: 5000 nominal lumens (55W)
  - 4000L: 4000 nominal lumens (42W)
  - 2500L: 2500 nominal lumens (35W)
- Distribution: WFL
- Color temperature: 3500°K standard  
Optional: -27K, -30K, -41K or -50K
- CRI: 80+ standard; Optional: -HC (90+)
- 60,000 hour rated life (L70)
- Fully sustainable: removable for servicing

### 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

- Seamless tapered aluminum self-flanged trim with white finish
- Regressed tempered prismatic spread lens

### Aluminum Housing

- Seamless white acrylic enameled finish.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test
- Interlocking flare trim
- No visible housing hardware
- Cool operation: Extends life of all components
- Fully sustainable: Entire luminaire, including LED light engine, easily visible and serviced through aperture
- Lightweight: minimizes ceiling load

### Installation

- Requires minimum 16 AWG shielded twisted pair wire from driver to fixtures
- Maximum cable run from driver to fixture is 250'**
- Center point mounting for snug fit to ceiling; mounting hardware furnished
- 2" collar for surface J-box mount; see Option -80

- Indoor or outdoor for covered ceiling use; Weather Cap available; see Option -89

### UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings; see Option -89

### 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)

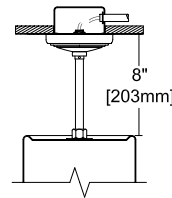
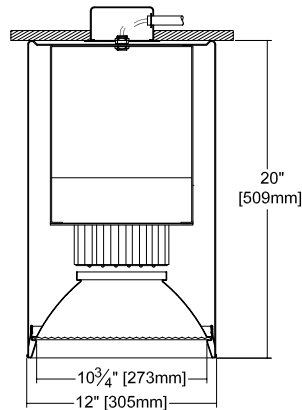


## Options and Ordering Configuration

(Example: SSR-12628-6500L-30K-35)

Must Specify		Optional				
Model	Lumens	Color Temp. (CCT)	Lens & Trim	Housing Finish	Mounting	Other Options
SSR-12628						
	<b>-6500L</b> <b>-5000L</b> <b>-4000L</b> <b>-2500L</b>	<b>(Blank):</b> 3500°K <b>-27K:</b> 2700°K instead <b>-30K:</b> 3000°K instead <b>-41K:</b> 4000°K instead <b>-50K:</b> 5000°K instead <b>-HC:</b> 90+ CRI instead	<b>(Blank):</b> Clear specular trim; lens above <b>-13:</b> Clear flat polycarbonate below with prismatic flat lens above <b>-23:</b> Frosted microprismatic lens instead <b>-46:</b> Gasket between lens and trim <b>-94:</b> Custom color/finish; specify; consult factory <b>-WA:</b> White acrylic (flat) diffuser instead	<b>(Blank):</b> White enamel <b>-35:</b> Silver enamel finish <b>-37:</b> Dark bronze enamel finish <b>-38:</b> Black enamel finish <b>-94:</b> Custom color/finish; specify; consult factory	<b>(Blank):</b> Mounting hardware for surface mount <b>-54:</b> Safety cable from fixture through pendant stem and 12" beyond; use with -PM <b>-80:</b> 2" collar for mounting beneath outlet box. ½" T.S. KO's; add -89 for wet listing <b>-87:</b> Custom pendant or cable length; specify length; use with Option -ASB, -ASW or -PM <b>-88:</b> Swivel canopy for sloped ceilings up to 40°; use with Option -PM <b>-89:</b> Sealed top WeatherCap; must add to Options -80, -PM and -WB for wet listing <b>-ASB:</b> Aircraft cable pendant mount; black cord; 48" or see Option -87; no wet listing <b>-ASW:</b> Aircraft cable pendant mount; white cord; 48" or see Option -87; no wet listing <b>-PM:</b> Pendant mount. 8" stem or see Option -87; add Option -89 for wet listing <b>-WB:</b> Wall bracket mount; add Option -89 for wet listing	<b>(Blank):</b> None <b>-99:</b> Special modification; consult factory

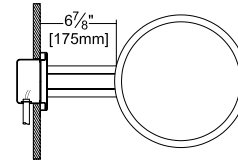
## Dimensions



Representative Views:

(Above) With optional pendant mount (Option -PM)

(Right) With optional wall bracket (Option -WB)



## Photometry - Installed Complete Fixture

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

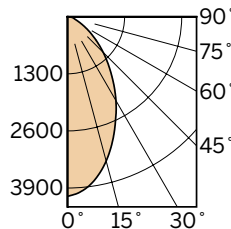
LM-79 IESNA Certified Photometry from Independent Lab

### -6500L STANDARD (WFL)

Lumens: 5630  
Beam: ~31°  
SC: 0.9  
LPW: 77  
Efficiency: 70.2%  
ITL Test: 87504

**Cone of Light ▲**

Dist.	FC	Dia.
6	113.6	5.3
8	63.9	7.1
10	40.9	8.9
12	28.4	10.7
14	20.9	12.4
16	16.0	14.2



### Total System Watts 73.6

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	4089	4089	4089	4089	4089
5	3972	3972	3972	3972	3972
15	3401	3401	3401	3401	3401
25	2590	2590	2590	2590	2590
35	1817	1817	1817	1817	1817
45	1150	1150	1150	1150	1150
55	634	634	634	634	634
65	295	295	295	295	295
75	153	153	153	153	153
85	44	44	44	44	44
90	0	0	0	0	0

#### ▲ Cone of Light Key

Dia. (in ft.) shown is where FC value is half the FC at nadir.

Dist. Distance (Ft.) from fixture

FC Footcandles at nadir (0°)

Dia. Circle of light at 50% of FC

LUMEN SERIES	LUMEN FACTOR	WATTAGE FACTOR	LPW FACTOR
-5000L	0.766	0.773	0.991
-4000L	0.614	0.578	1.062
-2500L	0.489	0.472	1.038

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

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR TWO YEARS FROM DATE OF PURCHASE. INSTALLATION, IN NORMAL USE, MANUFACTURER AT HIS OPTION WILL REPLACE OR REPAIR SUCH FIXTURE OR REFUND THE PURCHASE PRICE ON PRESENTATION OF PROOF OF PURCHASE AND DECLARATION OF DEFECT. THIS WARRANTY IS LIMITED TO THE OFFICES OF MANUFACTURE WITHIN THE UNITED STATES. LIABILITY OF MANUFACTURER IS LIMITED TO THE FOREGOING AND MANUFACTURER SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES, DIRECT OR INDIRECT, SUSTAINED OR SUFFERED BY PURCHASER OR ANY PERSON. THIS WARRANTY IS SUPPLIED TO THE BUYER IN PLACE OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. SELLER DOES NOT WARRANT AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, NOR WILL ANY ORAL STATEMENT CONSTITUTE A WARRANTY OR AMEND THIS SPECIFIC WARRANTY. ABNORMAL USE, ABUSE OF THE FIXTURE, IMPROPER INSTALLATION, OR REPAIR OR MODIFICATION OF THE FIXTURE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE MANUFACTURER WILL RENDER THE WARRANTY VOID.

SYMPHONY  
NOVEMBER 2024

Symphony Driver Modules

Fully Digital Controlled Power Source for LED Luminaires

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

Drivers wired in series



Driver Module	Maximum Capacity	Fixture Load Examples
DVR-1400A	Qty 1: 2500L Luminaires	<ul style="list-style-type: none"><li>Qty 1: SSR-12626-2500L</li></ul>
DVR-1400B *Not available with DMX dimming	Up to Qty 2: 2500L Luminaires	<ul style="list-style-type: none"><li>Qty 1: SSR-12626-2500L</li><li>Qty 2: SSR-12626-2500L</li><li>Qty 1: SSR-12626-2500L and Qty 1: SRR-07604-2500L</li></ul>
DVR-1050A	Qty 1: 4000L Luminaires	<ul style="list-style-type: none"><li>Qty 1: SSR-12626-4000L</li></ul>
DVR-1400B *Not available with DMX dimming	Qty 1: 5000L Luminaires	<ul style="list-style-type: none"><li>Qty 1: SSR-12626-5000L</li></ul>
DVR-1400A	Qty .5: 6500L Luminaires	<ul style="list-style-type: none"><li>Qty 1: SSR-12626-6500L requires Qty 2: DVR-1400A</li></ul>