

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Symphony Remote Driver Series

Open Appearance 6" Adjustable • LED

Up to 90,000 Hour Rated Life • Type IC • Wet Location

LM-80 Qualified • LM-79 Certified Photometry

SRR-06120



Specifications

Delivered System Performance

- Lumen Series: **MUST SPECIFY**
- 1500L: 1500 nominal lumens (20W)
- Distribution: NFL standard; Optional: -SPT or -MFL
- Color temperature: 3500°K standard; Optional: -27K, -30K, -41K or -50K
- CRI: 80+ standard. Optional: -HC (90+)
- 90,000 hour life (L70) in open plenum; 60,000 hour life in insulation (Type IC)
- 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**

SmartPower™ Battery Backup

- EMI-21220** for emergency power
- See specification sheet; order separately

Trim

- Clear specular aluminum trim
- Self-flanged, low glare angle-cut cone; tempered glass 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 driver to fixtures
- Maximum cable run from driver to fixture is 250'**

- Recess indoor or outdoor
- Accommodates ceilings up to 1½" thick or see Option -79
- 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)



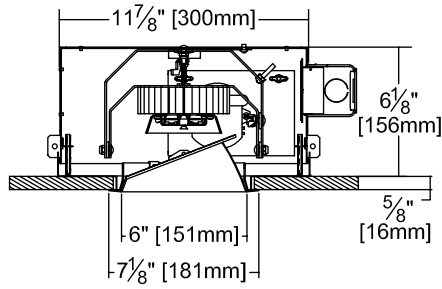
Options and Ordering Configuration

(Example: SRR-06120-1500L-30K-MFL)

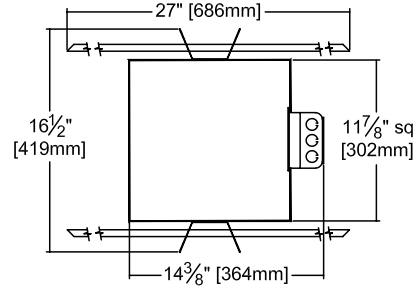
Must Specify		Optional			
Model	Lumens	Color Temp. (CCT)	Distribution	Lens & Trim	Other Options
SRR-06120	-1500L	(Blank): 3500°K -27K: 2700°K instead -30K: 3000°K instead -41K: 4000°K instead -50K: 5000°K instead -HC: 90+ CRI instead	(Blank): NFL -MFL: Medium flood distribution -SPT: Spot distribution	(Blank): Clear specular trim; lens above -23: Frosted microprismatic lens instead -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 and ceiling -70T: Clear semi-specular SofTex™ (complete trim) -94: Custom color/finish; specify; consult factory -CF: Custom color filter (Rosco); specify -DL: Downlight cone instead; clear specular finish standard or add optional trim selection -WA: White acrylic (flat) diffuser instead	(Blank): None -79: Extension collar for ceilings up to 2" thick -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 ½" to 25 ⅞" with ⅝" vertical adjustability -TA: Top Access for servicing from above ceiling

Dimensions

LIMITED WARRANTY: KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR YEARS FROM DATE OF PURCHASE. INSTALLATION MUST BE IN NORMAL USE. Manufacturer at the option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer within the years of original shipment. 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 applied 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.



Ceiling Cut-out
6 1/2" Dia.



Photometry - Installed Complete Fixture

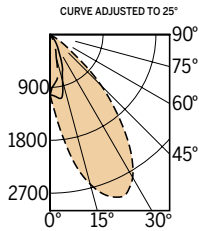
Photometry from I.T.L., Boulder, CO

LM-79 IESNA Certified Photometry from Independent Lab

-1500L STANDARD (NFL)

Lumens: 1508
Beam: ~37°
SC: 0.6
LPW: 72
Efficiency: 74.6%
ITL Test: 87940

Total System Watts 21.0

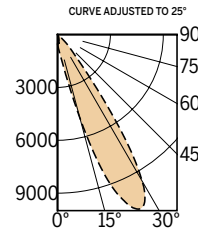


	CANDLEPOWER DISTRIBUTION				
	0.0	45.0	90.0	135.0	180.0
0	1025	1025	1025	1025	1025
5	1498	1339	1058	886	844
15	2636	1810	815	475	403
25	3015	1568	397	165	122
35	2373	940	172	54	36
45	1237	386	50	13	10
55	270	62	7	1	1
65	12	5	1	0	0
75	2	1	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

-1500L Option -SPT

Lumens: 1581
Beam: ~18°
SC: 0.3
LPW: 75
Efficiency: 78.2%
ITL Test: 87515

Total System Watts 21.0

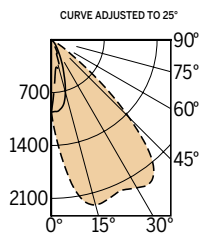


	CANDLEPOWER DISTRIBUTION				
	0.0	45.0	90.0	135.0	180.0
0	536	536	536	536	536
5	886	752	515	403	384
15	4904	1070	247	197	197
25	10926	964	115	79	78
35	4798	538	64	38	29
45	739	110	21	7	5
55	31	10	2	0	0
65	4	1	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

-1500L Option -MFL

Lumens: 1559
Beam: ~46°
SC: 0.8
LPW: 74
Efficiency: 77.1%
ITL Test: 87516

Total System Watts 21.0



	CANDLEPOWER DISTRIBUTION				
	0.0	45.0	90.0	135.0	180.0
0	958	958	958	958	958
5	1555	1372	952	634	533
15	2262	2121	720	469	428
25	2200	1994	322	181	180
35	2297	1104	126	53	47
45	1454	361	49	22	18
55	253	69	14	6	4
65	8	5	2	1	0
75	1	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

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



Driver Module	Maximum Capacity	Fixture Load Examples
DVR-1400A	Up to Qty 2: 1500L Luminaires	<ul style="list-style-type: none">• Qty 1: SRR-06120-1500L• Qty 2: SRR-06120-1500L• Qty 1: SRR-06115-1500L and Qty 1: SRR-06120-1500L
DVR-1400B *Not available with DMX dimming	Up to Qty 4: 1500L Luminaires	<ul style="list-style-type: none">• Qty 3: SRR-06120-1500L• Qty 4: SRR-06120-1500L• Qty 2: SRR-06115-1500L and Qty 2: SRR-06120-1500L