

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

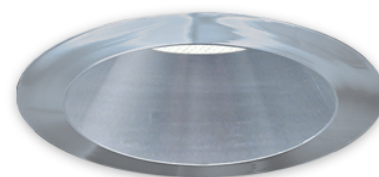
Symphony Remote Driver Series

Open Appearance 4" Downlight • LED

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

LM-80 Qualified • LM-79 Certified Photometry

SRR-04100



Specifications

Delivered System Performance

- Lumen Series: **MUST SPECIFY**
- 1500L: 1500 nominal lumens (20W)
- Distribution: MFL standard;
- Optional: -SPT, -NFL or -WFL
- 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

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 cone with 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
- 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)

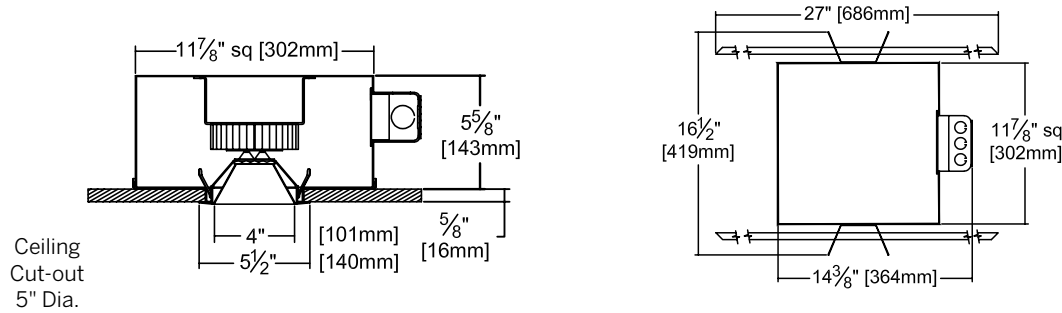
Options and Ordering Configuration

(Example: SRR-04100-1500L-30K-NFL)

Must Specify		Optional				
Model	Lumens	Dimming	Color Temp. (CCT)	Distribution	Lens & Trim	Other Options
SRR-04100						
	-1500L	-010V: 0-10V Dimming -DMX: DMX-RDM Dimming	(Blank): 3500°K -27K: 2700°K instead -30K: 3000°K instead -41K: 4000°K instead -50K: 5000°K instead -HC: 90+ CRI instead	(Blank): MFL -NFL: Narrow flood distribution -SPT: Spot distribution -WFL: Wide flood 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 -33: Decorative Glow Ring; see last page for details -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 -WA: White acrylic (flat) diffuser instead (for soft wide flood distribution)	(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 ⅛" to 25 ⅞" with ⅝" vertical adjustability -TA: Top Access for servicing from above ceiling



Dimensions



Photometry - Installed Complete Fixture

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

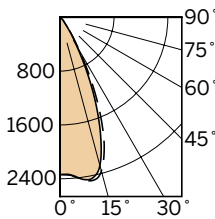
LM-79 IESNA Certified Photometry from Independent Lab

-1500L STANDARD (MFL)

Lumens: 1538
Beam: ~45°
SC: 0.8
LPW: 74
Efficiency: 76.1%
ITL Test: 87226

Cone of Light ▲

Dist.	FC	Dia.
6	64.9	4.9
8	36.5	6.6
10	23.4	8.2
12	16.2	9.9
14	11.9	11.5
16	9.1	13.2



Total System Watts 20.9

CANDLEPOWER DISTRIBUTION

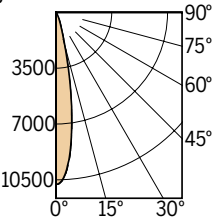
	0.0	22.5	45.0	67.5	90.0
0	2335	2335	2335	2335	2335
5	2371	2372	2376	2372	2367
10	2182	2273	2366	2316	2282
15	985	1089	1199	1126	1043
20	203	222	230	220	208
25	37	35	26	34	41
30	0	1	1	0	0
35	0	0	0	0	0
40	0	0	0	0	0
45	0	0	0	0	0
90	0	0	0	0	0

-1500L Option -SPT

Lumens: 1629
Beam: ~20°
SC: 0.4
LPW: 78
Efficiency: 80.6%
ITL Test: 87179

Cone of Light ▲

Dist.	FC	Dia.
6	299.4	2.0
8	168.4	2.7
10	107.8	3.4
12	74.9	4.1
14	55.0	4.8
16	42.1	5.5



Total System Watts 20.9

CANDLEPOWER DISTRIBUTION

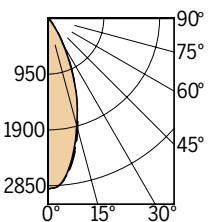
	0.0	22.5	45.0	67.5	90.0
0	10779	10779	10779	10779	10779
5	9337	9349	9332	9270	9315
10	1950	1984	2104	2162	2155
15	436	373	331	380	465
20	79	69	65	70	92
25	12	12	12	12	13
30	0	0	0	0	0
35	0	0	0	0	0
40	0	0	0	0	0
45	0	0	0	0	0
90	0	0	0	0	0

-1500L Option -NFL

Lumens: 1428
Beam: ~35°
SC: 0.6
LPW: 68
Efficiency: 70.6%
ITL Test: 87933

Cone of Light ▲

Dist.	FC	Dia.
6	80.6	3.8
8	45.3	5.0
10	29.0	6.3
12	20.2	7.5
14	14.8	8.8
16	11.3	10.0



Total System Watts 20.9

CANDLEPOWER DISTRIBUTION

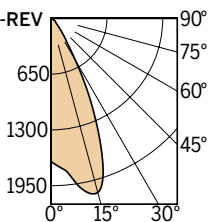
	0.0	22.5	45.0	67.5	90.0
0	2902	2902	2902	2902	2902
5	2797	2794	2800	2793	2793
10	1903	1929	1949	1910	1893
15	937	943	952	950	932
20	259	268	266	266	268
25	51	45	42	45	53
30	0	1	1	1	1
35	0	0	0	0	0
40	0	0	0	0	0
45	0	0	0	0	0
90	0	0	0	0	0

-1500L Option -WFL

Lumens: 1538
Beam: ~51°
SC: 0.9
LPW: 74
Efficiency: 76.1%
ITL Test: 87226-REV

Cone of Light ▲

Dist.	FC	Dia.
6	46.4	5.6
8	26.1	7.4
10	16.7	9.3
12	11.6	11.2
14	8.5	13.0
16	6.5	14.9



Total System Watts 20.9

CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1663	1663	1663	1663	1663
5	1763	1763	1763	1763	1763
10	2097	2097	2097	2097	2097
15	1127	1127	1127	1127	1127
20	280	280	280	280	280
25	86	86	86	86	86
30	49	49	49	49	49
35	27	27	27	27	27
40	9	9	9	9	9
45	1	1	1	1	1
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

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 THE DATE OF PURCHASE. INSTALLATION TO E.C. IN NORMAL USE. Manufacturer at its 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 five 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 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 Driver Modules

Fully Digital Controlled Power Source for LED Luminaires

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

Drivers wired in series

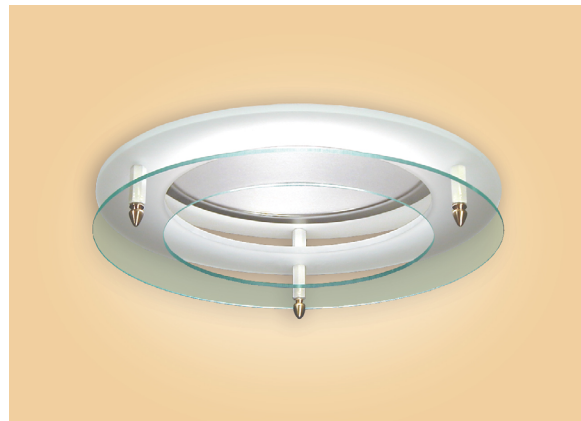


Driver Module	Maximum Capacity	Fixture Load Examples
DVR-1400A	Up to Qty 2: 1500L Luminaires	<ul style="list-style-type: none">• Qty 1: SRR-04100-1500L• Qty 2: SRR-04100-1500L• Qty 1: SRR-04100-1500L and Qty 1: SRR-04405-1500L
DVR-1400B *Not available with DMX dimming	Up to Qty 3: 1500L Luminaires	<ul style="list-style-type: none">• Qty 3: SRR-04100-1500L• Qty 2: SRR-04100-1500L and Qty 1: SRR-04405-1500L

Classic Glow Rings: Option -33 for Symphony Remote Driver Series

To order a Kirlin Glow Ring, begin by adding -33 to the product number. Then, configure your Glow Ring by selecting each of the 7 design elements listed below:

(Example: SRR-04100-1500L-30K-**33-GLM-1L-FRR-ROF-SIF-ROS-SIS**)



1. Ring Material (choose one)



Glass (-GLM)

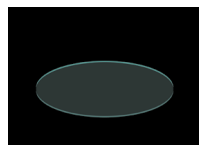


Acrylic (-ACM)

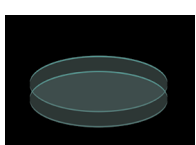


Custom (-CUM)

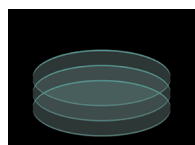
2. # of Rings (choose one)



1 Ring (1L)



2 Rings (-2L)



3 Rings (-3L)

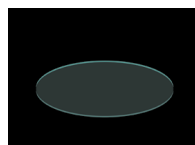
3. Ring Design (choose one)



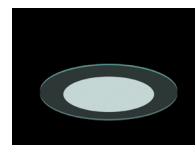
Frosted Ring (-FRR)



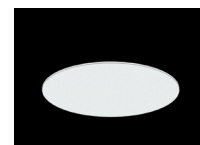
Clear Ring (-CRR)



Solid Disk (-SDR)

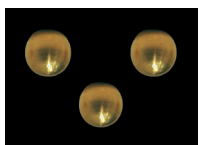


Frosted Center (-FCR)



Frosted Disk (-FDR)

4. Finial Design (choose one)



Round (-ROF)



Knurled (-KNF)



Cone (-COF)

5. Finial Color (choose one)



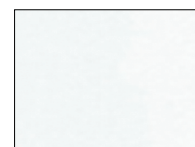
Brass (-BRF)



Silver (-SIF)



Black (-BLF)

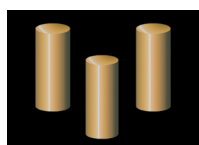


White (-WHF)

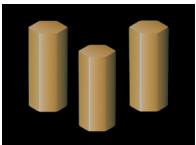


Custom (-CUF)

6. Standoff Design (choose one)



Round (-ROS)



Hexagonal (-HOS)

7. Standoff Color (choose one)



Brass (-BRS)



Silver (-SIS)



Black (-BLS)



White (-WHS)



Custom (-CFS)

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