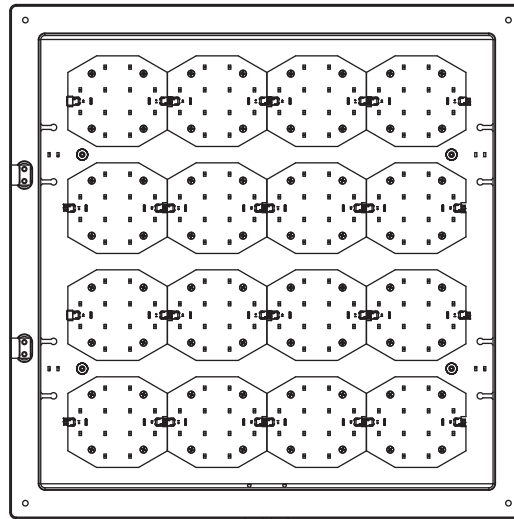


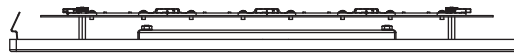
# S01L22

## Optimo LED 22" Square

Page 1 of 2



22"



### Ordering Information

| Catalog No.   | Applicable Diffuser Catalog No. | CCT   | Voltage | Wattage | Source Life                                  |
|---------------|---------------------------------|-------|---------|---------|--|
| <b>S01L22</b> | SR22AL                          | 3500K | 120V    | 74W     | 50,000 hours based on 70% lumen maintenance. |

### Features

- Backplate:** Stamped 20ga. (0.036") C.R.S.
- LED boards:** (16) Modular LED boards utilizing white LED technology.
- Backlight diffuser:** Acrylic strips (2mm thickness).
- Driver:** Integrated 120V slim LED driver.
- Mounting Options:** J-Box Mounting available, with backplate hole location alignment.

| Job Information | Type: |
|-----------------|-------|
| Job Name:       |       |
| Cat. No.:       |       |
| Notes:          |       |

### Diffuser

See applicable diffuser specification sheet

### Backplate Finish

**Gloss White:** Powder coated

U.L. listed, ADA Compliant, 5 Year Warranty

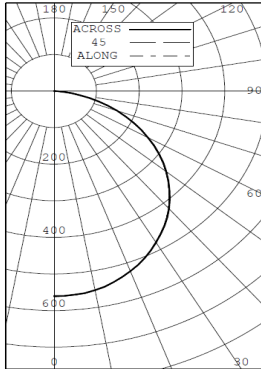
**PHILIPS**

**LIGHTOLIER**

# S01L22

## Optimo LED 22" Square

Catalog Number: SR22AL



Report No.: F11200  
 Lamp: LED  
 Total Fixture Lumens: 1630  
 Color Temp: 3500K  
 Input Watts: 74  
 Luminaire Efficacy: 22 lm/w  
 CRI: 80  
 Spacing Criterion: 1.3

### Candlepower summary

| Angle | Mean CP | Lumens |
|-------|---------|--------|
| 0     | 561     |        |
| 5     | 559     | 54     |
| 10    | 553     |        |
| 15    | 541     | 152    |
| 20    | 524     |        |
| 25    | 504     | 232    |
| 30    | 478     |        |
| 35    | 450     | 281    |
| 40    | 418     |        |
| 45    | 382     | 294    |
| 50    | 343     |        |
| 55    | 300     | 268    |
| 60    | 255     |        |
| 65    | 207     | 204    |
| 70    | 158     |        |
| 75    | 109     | 115    |
| 80    | 62      |        |
| 85    | 24      | 30     |
| 90    | 0       |        |

### Zonal lumens and percentages

| Zone   | Lumens | %Luminaires |
|--------|--------|-------------|
| 0-30   | 438    | 26.87       |
| 0-40   | 719    | 44.12       |
| 0-60   | 1281   | 78.58       |
| 0-90   | 1630   | 100.00      |
| 40-90  | 911    | 55.88       |
| 60-90  | 349    | 21.42       |
| 90-180 | 0      | 0.00        |
| 0-180  | 1630   | 100.00      |

### Coefficients of utilization - zonal cavity method

| RC | 80% |     |     | 70% |     |     | 50% |     |     | RW  |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|    | 70  | 50  | 30  | 70  | 50  | 30  | 50  | 30  | 10  |     |
| 0  | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 100 |
| 1  | 109 | 105 | 101 | 107 | 103 | 99  | 98  | 95  | 93  | 85  |
| 2  | 100 | 93  | 86  | 98  | 91  | 85  | 87  | 82  | 78  | 73  |
| 3  | 92  | 82  | 74  | 89  | 80  | 73  | 77  | 71  | 66  | 62  |
| 4  | 85  | 73  | 65  | 82  | 72  | 64  | 69  | 63  | 57  | 54  |
| 5  | 78  | 65  | 57  | 75  | 64  | 56  | 62  | 55  | 49  | 46  |
| 6  | 72  | 58  | 50  | 70  | 57  | 49  | 56  | 48  | 43  | 40  |
| 7  | 66  | 52  | 44  | 64  | 51  | 43  | 50  | 42  | 37  | 35  |
| 8  | 61  | 47  | 39  | 59  | 47  | 39  | 45  | 38  | 33  | 30  |
| 9  | 56  | 43  | 35  | 55  | 42  | 35  | 41  | 34  | 29  | 27  |
| 10 | 52  | 39  | 31  | 51  | 39  | 31  | 38  | 31  | 26  | 24  |

Tested using absolute photometry as specified in LM79: IESNA approved method for the electrical and photometric measurements of solid-state lighting products.



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S01L22 September 7, 2011

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|                        |              |
|------------------------|--------------|
| <b>Job Information</b> | <b>Type:</b> |
|------------------------|--------------|