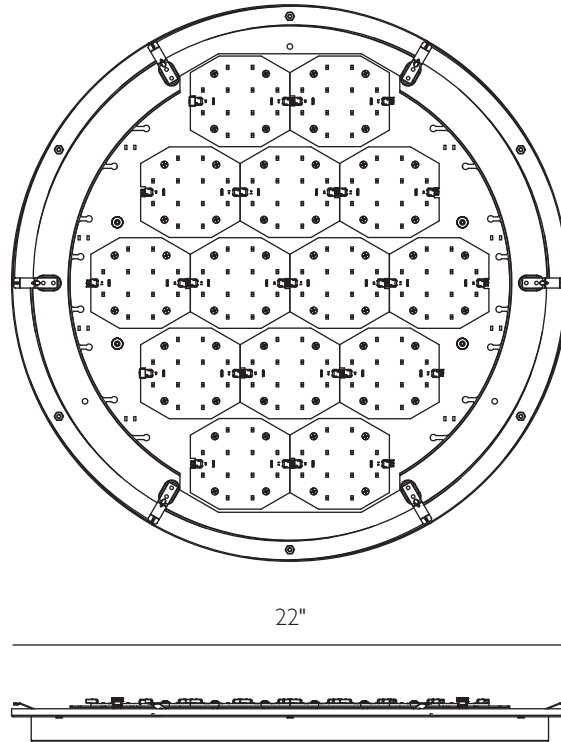


# R01L22

## Optimo LED 22" Round

Page 1 of 2



### Ordering Information

Catalog No.	Applicable Diffuser Catalog No.	CCT	Voltage	Wattage	Source Life
R01L22	RC22AL	3500K	120V	66W	50,000 hours based on 70% lumen maintenance.
	RR22AL				

### Features

- Backplate:** Stamped 20ga. (0.036") C.R.S.
- LED boards:** (14) 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

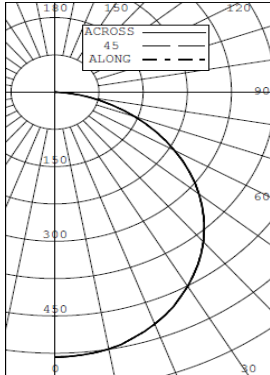
**PHILIPS**

**LIGHTOLIER**

# R01L22

## Optimo LED 22" Round

### Catalog Number: RR22AL



Report No.: F11044  
 Lamp: LED  
 Total Fixture Lumens: 1524  
 Color Temp: 3500K  
 Input Watts: 66  
 Luminaire Efficacy: 23 lm/w  
 CRI: 80  
 Spacing Criterion: 1.3

#### Candlepower summary

Angle	Mean CP	Lumens
0	532	
5	531	51
10	525	
15	513	144
20	496	
25	476	219
30	451	
35	423	264
40	392	
45	357	275
50	320	
55	279	248
60	235	
65	190	187
70	145	
75	101	107
80	60	
85	20	27
90	0	

#### Zonal lumens and percentages

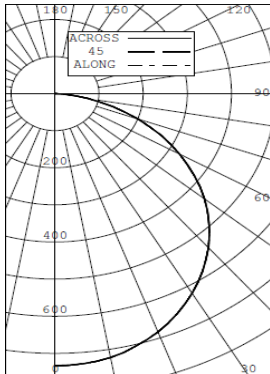
Zone	Lumens	%Luminaires
0-30	414	27.20
0-40	679	44.54
0-60	1202	78.89
0-90	1524	100.00
40-90	845	55.46
60-90	322	21.11
90-180	0	0.00
0-180	1524	100.00

#### Coefficients of utilization - zonal cavity method

RC	80%			70%			50%			0	
	70	50	30	70	50	30	50	30	10		
RW	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.

### Catalog Number: RC22AL



Report No.: F11043  
 Lamp: LED  
 Total Fixture Lumens: 2097  
 Color Temp: 3500K  
 Input Watts: 66  
 Luminaire Efficacy: 31.7 lm/w  
 CRI: 80  
 Spacing Criterion: 1.3

#### Candlepower summary

Angle	Mean CP	Lumens
0	734	
5	731	71
10	723	
15	706	199
20	683	
25	655	301
30	621	
35	583	364
40	541	
45	493	380
50	442	
55	385	344
60	326	
65	264	260
70	200	
75	137	145
80	76	
85	26	34
90	0	

#### Zonal lumens and percentages

Zone	Lumens	%Luminaires
0-30	571	27.21
0-40	935	44.58
0-60	1658	79.08
0-90	2097	100.00
40-90	1162	55.42
60-90	439	20.92
90-180	0	0.00
0-180	2097	100.00

#### Coefficients of utilization - zonal cavity method

RC	80%			70%			50%			0	
	70	50	30	70	50	30	50	30	10		
RW	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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R01L22 September 7, 2011

Specifications are subject to change without notice.  
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**Job Information Type:**