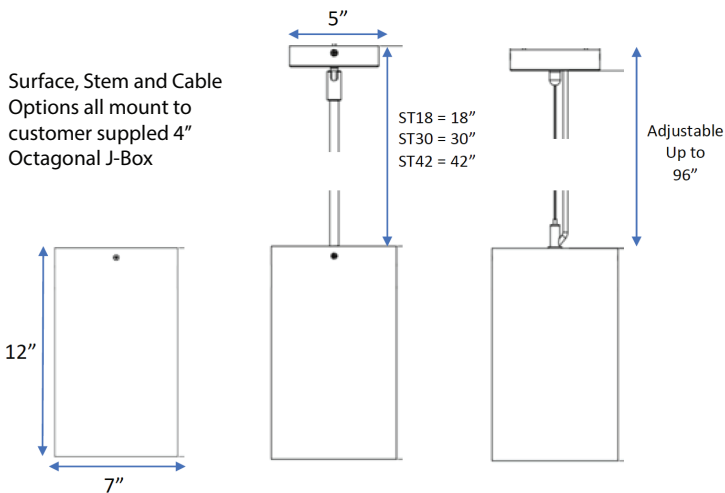


### PRODUCT IMAGES



### Standard Dimensions:



### SPECIFICATIONS

#### Applications:

- New Construction or Retrofit Cylinder used for Commercial or Architectural applications.
- Suitable for ambient temperatures up to 35C (95F) with free airflow around fixture.

#### Key Dimensions

- Aperture – 6.25"
- Height – 12"
- Diameter – 7.1"
- Mounts to 4" Octagonal J Box

#### Construction:

- Cylinder body is powder coated extruded aluminum.
- Light Engine and Driver are easily accessible for serviceability
- Venting holes on 2500 lumen and above only

#### Optical System:

- Aluminum Reflector with Semi-Di use Anodized Finish
- 90+ CRI / 3 SDCM Color Consistency
- Dim To Warm option from 3000K to 2000K at 1% Dimming
- 70% Lumen Maintenance at 50,000+ Hours
- 80 to 100 Lumens Per Watt
- Lensed Wall Wash Option Available

#### Electrical:

- 120 thru 277v 50/60hz Input Power
- <20% THD; PF > 0.9
- EMI FCC 47CFR Part 15, Class A
- Standard 0-10v dimming to 10%, 1% dimming available,
- Driver Sources up to 2ma of current to the dimming circuit
- •FCC Part15, Class A

#### Certifications:

- UL Listed for Damp Locations

#### Battery Back-Up:

- EM Option supplied with a pre-wired 6watt, self-diagnostic, LED battery that is UL Listed for field installation. Test switch is supplied pre-installed inside of the reflector. Not suitable for use with the Wall Wash option.

#### Warranty:

- Standard 5 Year Limited Warranty
- See [www.heliosltg.com/warranty](http://www.heliosltg.com/warranty) for Details.

See Page 3 for additional dimensioned Line Art

## ORDERING INFORMATION

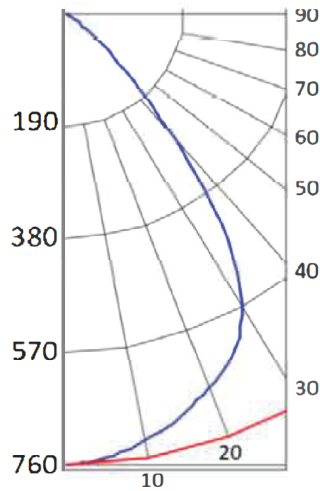
ORDERING EXAMPLE: C6R15L35KWHTST18

Aperture	Output	Kelvin	Cylinder Color	Function	Dimming	Mounting Emergency
<b>C6R</b> - 6" Round Cylinder	<b>05L</b> - 500 lumens	<b>30K</b> - 3000 Kelvin	<b>WHT</b> - White Paint	<b>Blank</b> - 70° Wide Beam Downlight	<b>Blank</b> - 10%, 0-10V Dimming	<b>SURF</b> - Surface
<b>C6REM</b> - 6" Round Cylinder with integral battery back up and test switch (not available on 5000 lumen and 7000 lumen)	<b>10L</b> - 1000 lumens	<b>35K</b> - 3500 Kelvin	<b>BLK</b> - Black Paint	<b>WW</b> - Lens Wall Wash (not available on 5000 lumen and 7000 lumen)	<b>DM1</b> - 0-10V, 1% Dimming	<b>ST18</b> - 18" Stem
	<b>15L</b> - 1500 lumens	<b>40K</b> - 4000 Kelvin				<b>ST30</b> - 30" Stem
	<b>20L</b> - 2000 lumens	<b>30/20DTW</b> - 3000K to 2000K Dim To Warm				<b>ST42</b> - 42" Stem
	<b>25L</b> - 2500 lumens					<b>CBLE</b> - 96" Adjustable Cable w/ Cord
	<b>30L</b> - 3000 lumen					
	<b>50L</b> - 5000 lumens					
	<b>70L</b> - 7000 Lumens					

## PHOTOMETRICS - 10L

Fixture: **C6R10L35KWHT SURF**  
LED: 3500Kelvin, 80+ CRI

Delivered Lumens: 975  
System Wattage: 9.6  
System LPW: 102  
Spacing Criteria: 1.1



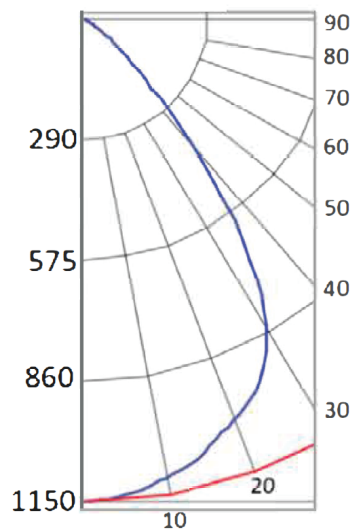
Degrees	Candela	Zonal Lumens		
		Zone	Total	% Luminaire
0	758			
10	730	71	71	7.3%
20	670	198	269	27.6%
30	563	290	559	57.3%
40	264	264	823	84.4%
50	73	113	936	96.0%
60	12	30	966	99.1%
70	4	7	973	99.8%
80	1	2	975	100.0%
90	0	0	975	100.0%

Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.403  
Test Date: 2019-01-16  
Tested in accordance to IESNA LM-79-2008

## PHOTOMETRICS - 15L

Fixture: **C6R15L35KWHT SURF**  
LED: 3500Kelvin, 80+ CRI

Delivered Lumens: 1463  
System Wattage: 14.9  
System LPW: 98  
Spacing Criteria: 1.1



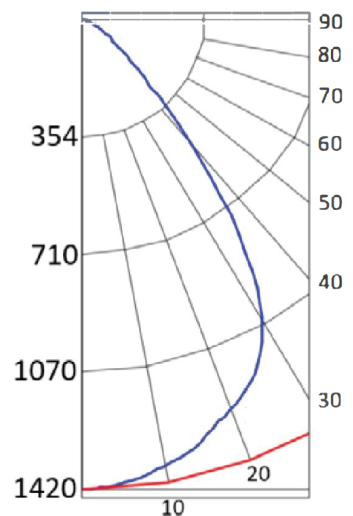
Degrees	Candela	Zonal Lumens		
		Zone	Total	% Luminaire
0	1148			
10	1108	108	108	7.4%
20	1017	301	409	28.0%
30	845	437	846	57.8%
40	389	392	1238	84.6%
50	107	166	1404	96.0%
60	19	44	1448	99.0%
70	6	11	1459	99.7%
80	9	4	1463	100.0%
90	0	0	1463	100.0%

Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.403  
Test Date: 2019-01-16  
Tested in accordance to IESNA LM-79-2008

## PHOTOMETRICS - 20L

Fixture: **C6R20L35KWHT SURF**  
LED: 3500Kelvin, 80+ CRI

Delivered Lumens: 1903  
System Wattage: 17.2  
System LPW: 111  
Spacing Criteria: 1.1



Degrees	Candela	Zonal Lumens		
		Zone	Total	% Luminaire
0	1417			
10	1398	109	109	5.7%
20	1290	316	425	22.4%
30	1090	653	1078	56.7%
40	560	465	1543	81.2%
50	140	246	1789	94.1%
60	24	92	1881	98.9%
70	8	13	1894	99.6%
80	3	5	1899	99.9%
90	0	2	1901	100.0%

Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.403  
Test Date: 2019-01-16  
Tested in accordance to IESNA LM-79-2008

Housing and Reflector Ship Separately

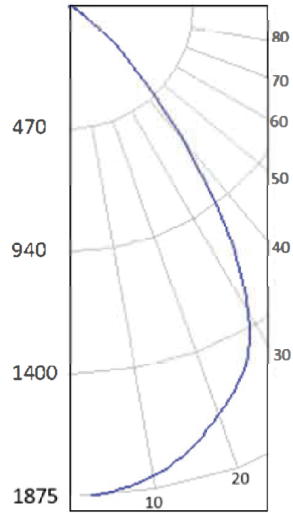
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Revision: 02/01/24

## PHOTOMETRICS - 25L

Fixture: **C6R25L35KWHT SURF**  
 LED: 3500Kelvin, 80+ CRI

Delivered Lumens: 2455  
 System Wattage: 25.5  
 System LPW: 96  
 Spacing Criteria: 1.1



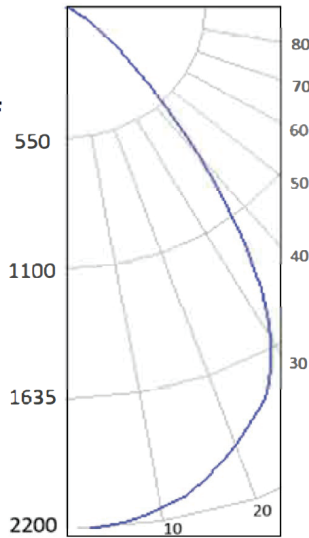
Degrees	Candela	Zonal Lumens		
		Zone	Total	% Luminaire
0	1874			
10	1823	177	177	7.2%
20	1662	494	671	27.3%
30	1357	707	1378	56.1%
40	667	637	2015	82.1%
50	201	301	2316	94.3%
60	49	93	2409	98.1%
70	18	31	2440	99.4%
80	6	12	2452	99.9%
90	0	3	2455	100.0%

Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.403  
 Test Date: 2019-06-17  
 Tested in accordance to IESNA LM-79-2008

## PHOTOMETRICS - 30L

Fixture: **C6R30L35KWHT SURF**  
 LED: 3500Kelvin, 80+ CRI

Delivered Lumens: 2897  
 System Wattage: 31.1  
 System LPW: 93.1  
 Spacing Criteria: 1.1



Degrees	Candela	Zonal Lumens		
		Zone	Total	% Luminaire
0	2178			
10	2125	206	206	7.1%
20	1945	577	783	27.0%
30	1602	830	1613	55.7%
40	802	758	2371	81.8%
50	242	362	2733	94.3%
60	57	111	2844	98.2%
70	21	35	2879	99.4%
80	7	14	2893	99.9%
90	0	4	2897	100.0%

Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.403  
 Test Date: 2019-06-17  
 Tested in accordance to IESNA LM-79-2008

Housing and Reflector Ship Separately

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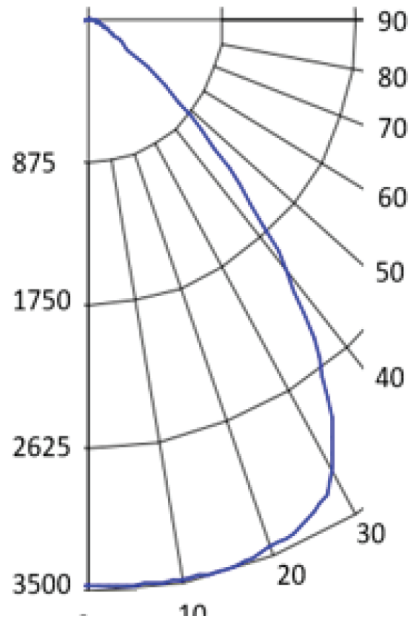
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Revision: 02/01/24

## PHOTOMETRICS - 50L

Fixture: **C6R50L35KWHT SURF**  
 LED: 3500Kelvin, 80+ CRI

Delivered Lumens: 5660 System  
 Wattage: 47.2  
 System LPW: 120  
 Spacing Criteria: 1.25



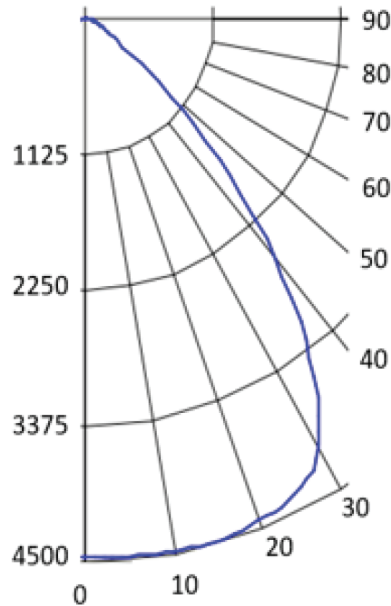
Degrees	Candela	Zonal Lumens		
		Zone	Total	% Luminaire
0	3443			
10	3441	328	328	5.8%
20	3367	964	1292	22.8%
30	3057	1499	2791	49.3%
40	1880	1556	4347	76.8%
50	559	920	5267	93.1%
60	140	257	5524	97.6%
70	52	93	5617	99.2%
80	16	36	5653	99.9%
90	1	7	5660	100.0%

Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.403  
 Test Date: 2023-11-06  
 Tested in accordance to IESNA LM-79-2008

## PHOTOMETRICS - 70L

Fixture: **C6R70L35KWHT SURF**  
 LED: 3500Kelvin, 80+ CRI

Delivered Lumens: 7331  
 System Wattage: 64  
 System LPW: 114  
 Spacing Criteria: 1.2



Degrees	Candela	Zonal Lumens		
		Zone	Total	Luminaire
0	4455			
10	4443	425	425	5.8%
20	2346	1246	1671	22.8%
30	3990	1940	3611	49.3%
40	2455	2015	5626	76.7%
50	855	1193	6819	93.0%
60	213	334	7153	97.6%
70	82	122	7275	99.2%
80	25	47	7322	99.9%
90	1	9	7331	100.0%

Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.403  
 Test Date: 2023-11-06  
 Tested in accordance to IESNA LM-79-2008

Housing and Reflector Ship Separately

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