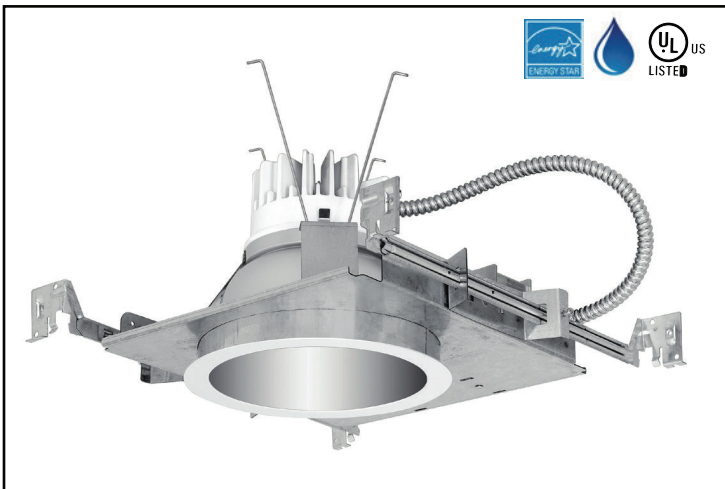
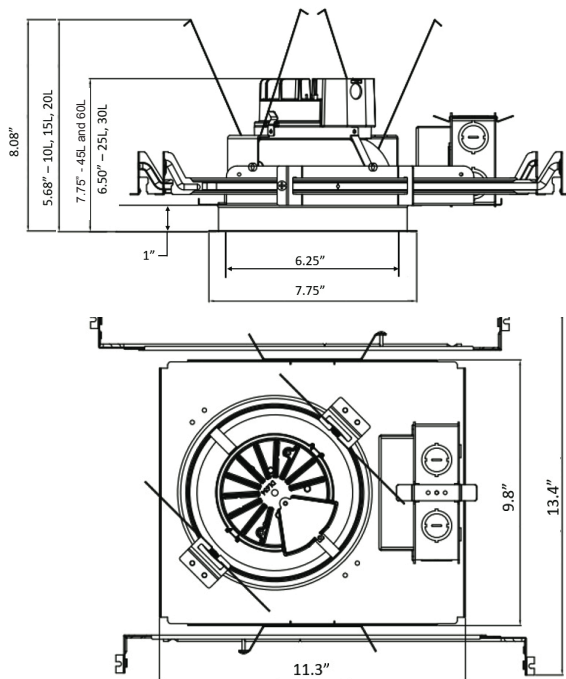


### PRODUCT IMAGES



### Standard Dimensions:



### SPECIFICATIONS

#### Applications:

- New Construction Recessed Downlight suitable for Commercial and Architectural Applications.
- Suitable for ambient temperatures up to 35C (95F) with free airflow around fixture.

#### Key Dimensions

- Aperture – 6.25"
- Ceiling Cutout – 7.1"
- Overlap Flange – 7.75"

#### Construction:

- Galvanized Steel New Construction Housing
- Telescoping Bar Hangers Included (up to 24" grid)
- Light Engine and Driver Can Extend below the ceiling for ease of accessibility

#### Optical System:

- Self Flanged Aluminum Reflector with Semi-Diffuse Anodized Finish
- 45 degree visual cutoff to source
- 80+ CRI / 3 SDCM Color Consistency – see separate product page for 90+ CRI options
- 70% Lumen Maintenance at 50,000+ Hours
- 100 to 120 Lumens Per Watt
- Field Configurable Kelvin Temperature to 30K, 35K or 40K up to 3000 lumens
- Lensed Wall Wash Option Available, may be orientated in 90 degree increments to housing
- Antimicrobial paint option eliminates 99.9% of E. Coli and Staphylococcus within 24 hours

#### 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:

- Wet Location under covered ceilings with Downlight Option
- Damp Location under covered ceiling with Wall Wash Option
- Energy Star Listed

#### Battery Back Up

- EMR option supplied with a pre-wired 7watt LED battery that is UL Listed for Field Installation. Remote Test Switch included.
- EMI option supplied with a pre-wired 6watt LED self-diagnostic battery that is UL Listed for Field Installation. Test Switch ships with and is integral to the reflector. Not suitable for use with Wall Wash or NCT options.

#### 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: 6R15L35KAN

Aperture	Output	Kelvin	Reflector	Function	Dimming	Emergency
6R - 6" Round	05L - 500 lumens	30K	AN - Semi-Diffuse Anodized Cone and Flange	Blank - Downlight	Blank - 10%, 0-10V	Blank - No Battery
	10L - 1000 lumens	35K	WF - Anodized Cone and White Flange	WW- Lens Wall Wash	DM1- 1%, 0-10V	EMR - Battery Back Up with Remote Test Switch
	15L - 1500 lumens	40K	WH - White Cone & Trim	NCT - Non-Conductive Trim		EMI - Battery Back Up with Integral Test Switch
	20L - 2000 lumens		BF - Anodized Cone & Black Flange			GTD - Generator Transfer Device, 0-10v compatible
	25L - 2500 lumens		BL - Black Cone and Black Flange			
	30L - 3000 lumens		AMB - Nano Antimicrobial White Paint			
	45L - 4500 lumens					
	60L - 6000 lumens					

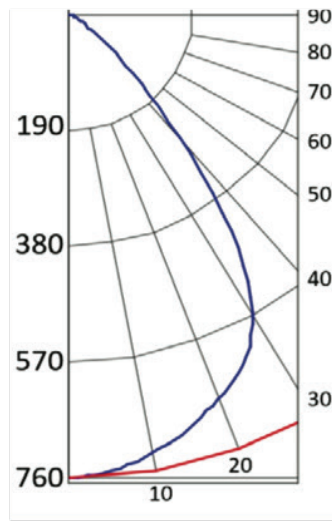
Housing and Reflector Ship Separately

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

## PHOTOMETRICS - 10L

Fixture: **6R10L35KWF**  
LED: 3500Kelvin, 80+ CRI

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



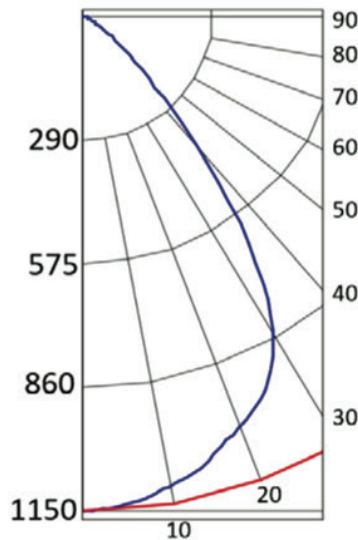
Degrees	Candela	Zonal Lumens		
		Zone	Total	% Luminaire
0	758			
10	730	71	71	7.3%
20	670	198	269	27.6%
30	563	290	559	57.3%
40	264	264	823	84.4%
50	73	113	936	96.0%
60	12	30	966	99.1%
70	4	7	973	99.8%
80	1	2	975	100.0%
90	0	0	975	100.0%

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: **6R15L35KWF**  
LED: 3500Kelvin, 80+ CRI

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



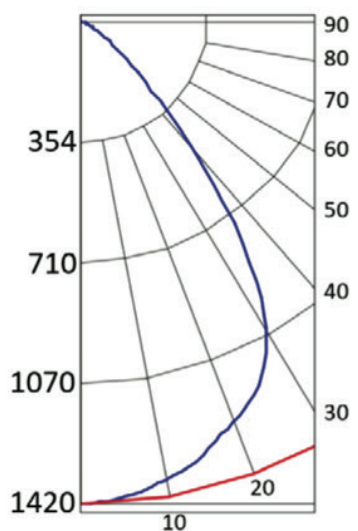
Degrees	Candela	Zonal Lumens		
		Zone	Total	% Luminaire
0	1148			
10	1108	108	108	7.4%
20	1017	301	409	28.0%
30	845	437	846	57.8%
40	389	392	1238	84.6%
50	107	166	1404	96.0%
60	19	44	1448	99.0%
70	6	11	1459	99.7%
80	9	4	1463	100.0%
90	0	0	1463	100.0%

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: **6R20L35KWF**  
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

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

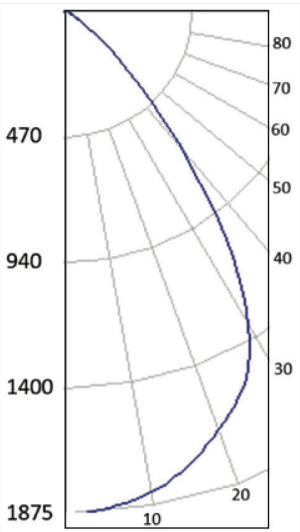
© 2019 Helios Lighting • All Rights Reserved • For more information visit our website: [www.heliosltg.com](http://www.heliosltg.com)

Revision: 08/17/23

PHOTOMETRICS - 25L

Fixture: **6R25L35KAN**  
LED: 3500Kelvin, 80+ CRI

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



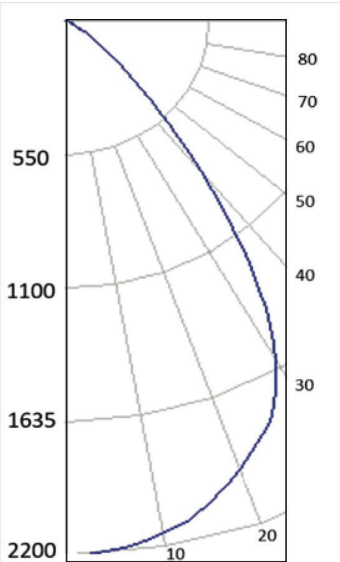
Degrees	Candela	Zonal Lumens		
		Zone	Total	% Luminaire
0	1874			
10	1823	177	177	7.2%
20	1662	494	671	27.3%
30	1357	707	1378	56.1%
40	667	637	2015	82.1%
50	201	301	2316	94.3%
60	49	93	2409	98.1%
70	18	31	2440	99.4%
80	6	12	2452	99.9%
90	0	3	2455	100.0%

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: **6R30L35KAN**  
LED: 3500Kelvin, 80+ CRI

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



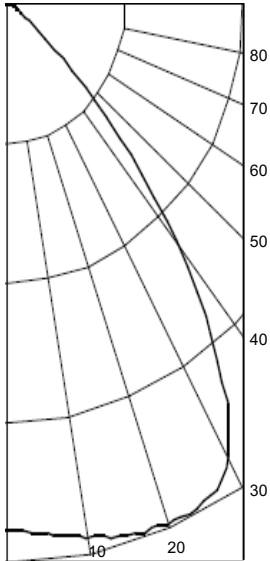
Degrees	Candela	Zonal Lumens		
		Zone	Total	% Luminaire
0	2178			
10	2125	206	206	7.1%
20	1945	577	783	27.0%
30	1602	830	1613	55.7%
40	802	758	2371	81.8%
50	242	362	2733	94.3%
60	57	111	2844	98.2%
70	21	35	2879	99.4%
80	7	14	2893	99.9%
90	0	4	2897	100.0%

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

PHOTOMETRICS - 45L

Fixture: **6R45L35KAN**  
LED: 3500Kelvin, 80+ CRI

Delivered Lumens: 4653  
System Wattage: 39.0  
System LPW: 119.3  
Spacing Criteria: 1.3



Degrees	Candela	Zonal Lumens		
		Zone	Total	% Luminaire
0	2823			
10	2912	271	271	5.8%
20	2974	811	1081	23.2%
30	2802	1286	2368	50.9%
40	1670	1321	3689	79.3%
50	457	729	4417	94.9%
60	79	167	4585	98.5%
70	25	47	4632	99.5%
80	7	16	4647	99.9%
90	1	4	4651	100.0%

Test System:EYERFINEGO-RS000\_Y2 SYSTEM Y2.0.403  
Test Date: 2024-07-10

Tested in accordance to IESNA LM-79-2008

Housing and Reflector Ship Separately

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

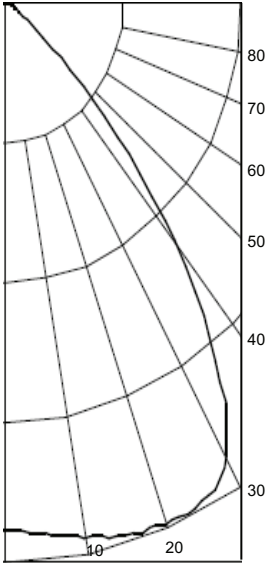
© 2019 Helios Lighting • All Rights Reserved • For more information visit our website: [www.helioslts.com](http://www.helioslts.com)

Revision: 08/17/23

PHOTOMETRICS - 60L

Fixture: **6R60L35KAN**  
LED:: 3500Kelvin, 80+ CRI

Delivered Lumens: 5968  
System Wattage: 52.0  
System LPW: 115.3  
Spacing Criteria: 1.3



		Zonal Lumens		
Degrees	Candela	Zone	Total	% Luminaire
0	3629			
10	3730	347	347	5.8%
20	3804	1040	1387	23.2%
30	3597	1650	3037	50.9%
40	2131	1690	5665	79.3%
50	586	934	5880	94.9%
60	100	214	5880	98.5%
70	32	60	5940	99.5%
80	9	20	5961	99.9%
90	1	5	5966	100.0%

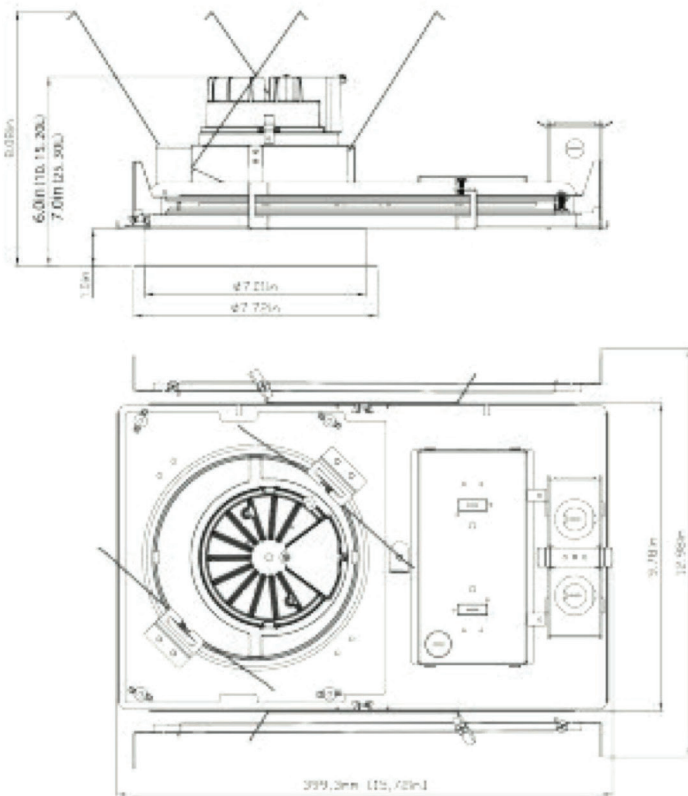
Test System:EYERFINEGO-RS000\_Y2 SYSTEM Y2.0.403  
Test Date: 2024-07-10

Tested in accordance to IESNA LM-79-2008

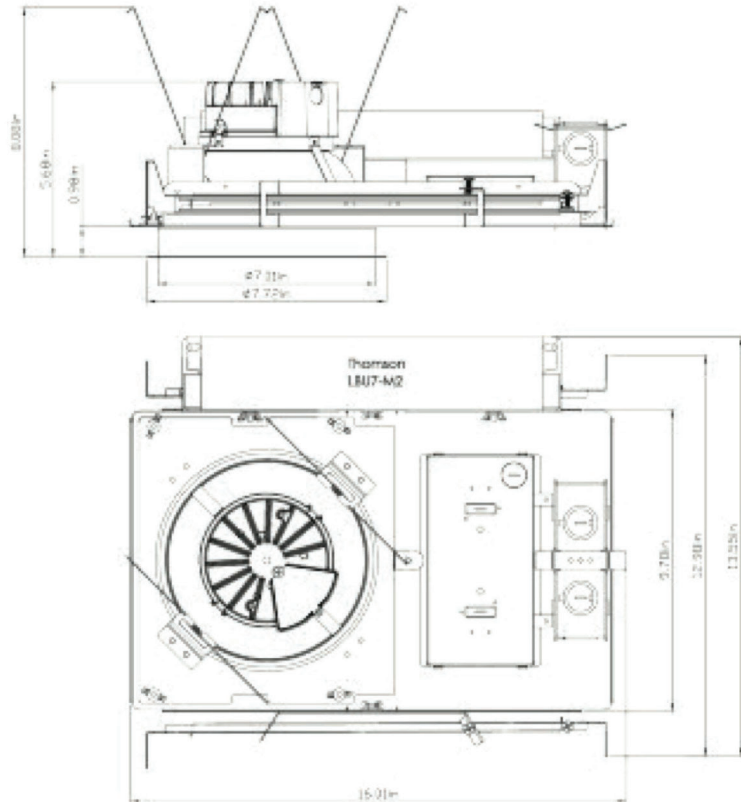
Housing and Reflector Ship Separately

Housing and Reflector Ship Separately

## Alt Gen 1 Dimensions



## EMR and EMI Dimensions



## Housing and Reflector Ship Separately

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

© 2019 Helios Lighting • All Rights Reserved • For more information visit our website: [www.helioslts.com](http://www.helioslts.com)

Revision: 08/17/23