



LumeC OmniScape LED post top is the latest solution for high-performance lighting in any urban setting. With contemporary, transitional and historical style options, as well as a selection of roofs, cages and fitters, this luminaire is versatile and adaptable to any environment. It features a precision and comfort light engine, which provides exceptional efficacy and glare control, ensuring comfortable and efficient illumination.

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

### Ordering guide

example: S-OSPCCC-C-35WLED-730-G1-2F-UNV-DMG-TLRD7-PH8S-BKTX

Series			LED module	CRI CCT	Gen.	Optical System	Voltage	Driver	Options				Finish
Roof	Cage	Fitter/Comfort							Receptacle	Control	Luminaire	Deco.	
<b>S-OSPC</b> OmniScape LED post top luminaire with Contemporary luminaire Roof <b>S-OSPT</b> OmniScape LED post top luminaire with Transitional Roof <b>S-OSPH</b> OmniScape LED post top luminaire with Historical Roof	<b>C</b> Contemporary <b>T</b> Transitional <b>H</b> Historical	<b>C-C</b> Contemporary w/ high performance comfort optics <b>T-C</b> Transitional with high performance comfort optics <b>H-C</b> Historical with high performance comfort optics	<b>15WLED<sup>1,2</sup></b> 1,500 lumen <b>25WLED<sup>1</sup></b> 3,000 lumen <b>35WLED</b> 4,000 lumen <b>50WLED</b> 5,000 lumen <b>60WLED</b> 7,000 lumen <b>75WLED</b> 8,000 lumen <b>105WLED</b> 11,000 lumen <b>115WLED</b> 12,000 lumen <b>135WLED</b> 14,000 lumen <b>155WLED</b> 16,000 lumen	<b>727<sup>11</sup></b> 70CRI 2700K <b>730</b> 70CRI 3000K <b>740</b> 70CRI 4000K <b>827<sup>11</sup></b> 80CRI 2700K <b>830</b> 80CRI 3000K <b>840</b> 80CRI 4000K	<b>G1</b> Gen1	<b>2</b> Type II (ASYM) <b>3</b> Type III (ASYM) <b>4</b> Type IV (ASYM) <b>5</b> Type (SYMM)	<b>UNV</b> 120-277V <b>HVU</b> 347-480V	<b>D41<sup>3</sup></b> Zhaga-D4i certified <b>DALI</b> Digitally addressable lighting interface <b>DMG</b> 0-10V <b>SRD</b> Sensor ready driver	<b>TLRD7<sup>4</sup></b> 7-Pin receptacle for photoelectric cell  <b>TLRSR<sup>6</sup></b> SR receptacle	<b>Photoelectric Cell (add "S" for S-OSPC)<sup>7</sup></b> <b>PH8 (PH8S)</b> Twist-lock UNV (120-277VAC) <b>PH8/347 (PH8/347S)</b> Twist-lock (347VAC) <b>PH8/480 (PH8/480S)</b> Twist-lock (480VAC) <b>PH9 (PH9S)</b> Shorting Cap <b>PHXL (PHXLS)</b> Extended life UNV (120-277VAC)  <b>OMS</b> Outdoor Multi-Sensor  <b>Microwave Motion Sensor<sup>1,12</sup></b> <b>MW10</b> Dim 10% <b>MW20</b> Dim 20% <b>MW30</b> Dim 30% <b>MW50</b> Dim 50%	<b>BAC<sup>8</sup></b> Meets the requirements of the Buy American Act of 1933 (BAA) <b>FAWS<sup>1,9</sup></b> Field adj. wattage selector <b>HS<sup>13</sup></b> House Side Shield <b>SP2</b> 20kV/10kA Surge Protector <b>TN3</b> Fitter to fit over a 3" (76 mm) O.D. by 4" (102 mm) long tenon <b>TN3.5</b> Fitter to fit over a 3 1/2" (89 mm) O.D. by 4" (102 mm) long tenon	<b>Deco. Finials<sup>10</sup></b> <b>FN1</b> <b>FN2</b> <b>FN3</b> <b>FN4</b> <b>FN5</b> <b>FN6</b> <b>FN7</b> <b>FN8</b> <b>FN9</b> <b>FN10</b> <b>FN11</b>  <b>Deco. Skirt</b> <b>S</b>	<b>Textured Finishes</b> <b>BE2TX</b> Midnight Blue <b>BE6TX</b> Ocean Blue <b>BE8TX</b> Royal Blue <b>BG2TX</b> Sandstone Gold <b>BKTX</b> Black <b>BRTX</b> Bronze <b>GN4TX</b> Blue Green <b>GN6TX</b> Forest Green <b>GN8TX</b> Dark Forest Green <b>GNTX</b> Green <b>GY3TX</b> Medium Grey <b>RD2TX</b> Burgundy <b>RD4TX</b> Scarlet <b>WHTX</b> White  <b>Others</b> <b>GR</b> Gray Sandtex <b>NP</b> Natural Alum <b>TG</b> Hammer-tone Gold <b>TS</b> Hammer-tone Silver

1. Only available with DMG Driver options.  
 2. Only available with UNV Voltage option.  
 3. TLRSR must be selected this option.  
 4. Use of photoelectric cell or shorting cap is required to ensure proper illumination.  
 5. Not available with HVU voltage option.  
 6. Not available with DALI/DMG Driver options.  
 7. TLRD7 must be selected for this option. If used, photoelectric cell selection must be compatible with selected Voltage option. When selecting S-OSPC roof, IP66 photoelectric cell or shorting cap must be used to preserve IP66 rating of luminaire.

8. Failure to properly select the "BAC" suffix could result in you receiving product that is not BAA compliant product with no recourse for an RMA or refund. This BAC designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies.  
 9. Not available with TLRD7 Receptacle option.  
 10. Finials (FNx) Decorative options are not available with S-OSPC Roof.  
 11. Longer lead time applies. Consult factory.  
 12. Only available with UNV 120-277V. Recommended maximum mounting height 15ft (4.6m).



# S-OSP-C OmniScape

## LED Urban Post Top with ComfortEdge technology

### Predicted Lumen Depreciation Data

Derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-21.

Ambient Temperature	Driver mA	Calculated L70 hours	L70 per TM-21	Lumen Maintenance % @ 60,000 hrs
25°C	800 mA	181,000	>84,000 hrs	95.56%

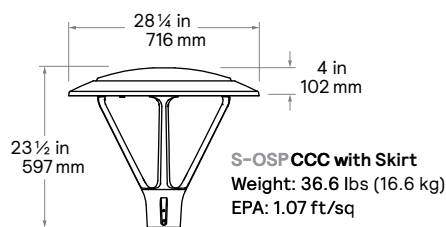
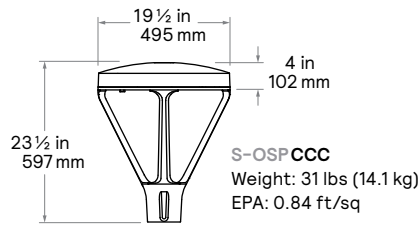


### Field Adjustable Wattage (FAWS) Multiplier Chart

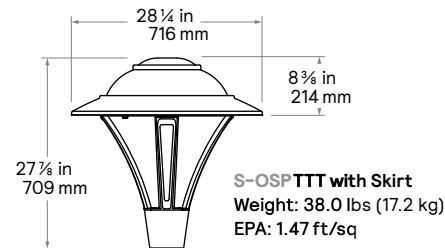
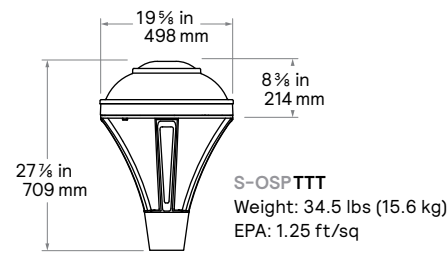
HPCLE 15WLED to 105WLED			HPCLE 115WLED to 155WLED		
FAWS Position	Typical Delivered Lumens Multiplier	Typical System wattage	FAWS Position	Typical Delivered Lumens Multiplier	Typical System wattage
1	0.295	0.316	1	0.160	0.128
2	0.485	0.511	2	0.278	0.272
3	0.565	0.585	3	0.334	0.336
4	0.607	0.641	4	0.423	0.432
5	0.710	0.718	5	0.479	0.492
6	0.764	0.772	6	0.544	0.559
7	0.820	0.828	7	0.604	0.619
8	0.863	0.867	8	0.666	0.683
9	0.907	0.905	9	0.731	0.749
10	1.000	1.000	10	1.000	1.000

Note: Typical value accuracy +/- 5%

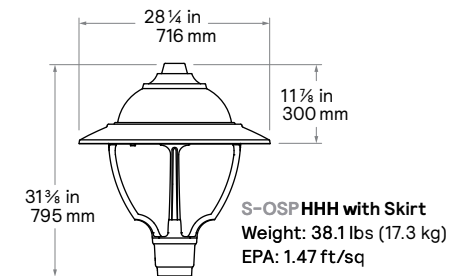
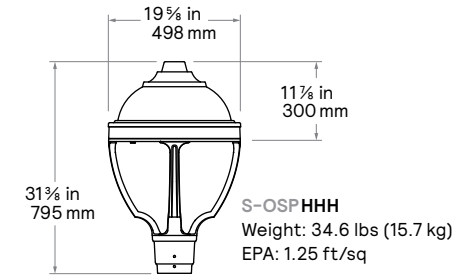
### Contemporary dimensions



### Transitional dimensions



### Historical dimensions



# S-OSP-C OmniScape

## LED Urban Post Top with ComfortEdge technology

### Standard Performance Lumen Values – 70CRI

Ordering Code	System Current (mA)	Avg. System Watts (W)	Type 2			Type 3			Type 4			Type 5		
			Lumen Output	BUG Rating	Effic. (LPW)	Lumen Output	BUG Rating	Effic. (LPW)	Lumen Output	BUG Rating	Effic. (LPW)	Lumen Output	BUG Rating	Effic. (LPW)
<b>2700K / 70CRI</b>														
15WLED-727-G1	335	14.4	1677	B1-U0-G1	116.4	1502	B1-U0-G1	104.2	1716	B1-U0-G1	119.1	1407	B1-U0-G1	98.4
25WLED-727-G1	565	24.4	2831	B1-U0-G1	116.2	2535	B1-U0-G1	104.1	2897	B1-U0-G1	118.9	2391	B2-U0-G1	99.3
35WLED-727-G1	775	34.4	3913	B2-U0-G2	113.7	3503	B2-U0-G2	101.8	4004	B2-U0-G2	116.4	3307	B2-U0-G2	96.1
50WLED-727-G1	1100	48.5	5373	B2-U0-G2	110.8	4811	B2-U0-G2	99.2	5498	B2-U0-G2	113.4	4644	B3-U0-G2	96.7
60WLED-727-G1	1370	59.4	6613	B2-U0-G2	111.3	5921	B3-U0-G3	99.6	6767	B2-U0-G2	113.8	5813	B3-U0-G2	97.9
75WLED-727-G1	1715	74.5	8109	B3-U0-G3	108.8	7261	B3-U0-G3	97.5	8298	B3-U0-G3	111.4	7041	B3-U0-G3	94.5
105WLED-727-G1	2350	104.0	10681	B3-U0-G3	102.7	9564	B3-U0-G3	92.0	10930	B3-U0-G3	105.1	9659	B4-U0-G3	94.7
115WLED-727-G1	1260	114.5	11353	B3-U0-G3	99.2	10166	B3-U0-G3	88.8	11617	B3-U0-G3	101.5	10144	B4-U0-G3	88.6
135WLED-727-G1	1485	134.2	12940	B3-U0-G3	96.5	11587	B3-U0-G3	86.4	13241	B3-U0-G3	98.7	11800	B4-U0-G3	87.4
155WLED-727-G1	1695	154.4	14311	B3-U0-G3	92.7	12814	B3-U0-G3	83.0	14644	B3-U0-G3	94.8	13069	B4-U0-G3	84.9
<b>3000K / 70CRI</b>														
15WLED-730-G1	335	14.4	1801	B1-U0-G1	125.0	1613	B1-U0-G1	111.9	1843	B1-U0-G1	127.9	1512	B1-U0-G1	105.7
25WLED-730-G1	565	24.4	3041	B1-U0-G2	124.8	2723	B1-U0-G1	111.8	3112	B1-U0-G1	127.7	2569	B2-U0-G1	106.6
35WLED-730-G1	775	34.4	4203	B2-U0-G2	122.2	3763	B2-U0-G2	109.4	4301	B2-U0-G2	125.0	3553	B2-U0-G2	103.3
50WLED-730-G1	1100	48.5	5771	B2-U0-G2	119.0	5168	B2-U0-G2	106.6	5906	B2-U0-G2	121.8	4989	B3-U0-G2	103.9
60WLED-730-G1	1370	59.4	7104	B3-U0-G3	119.5	6361	B3-U0-G3	107.0	7269	B2-U0-G3	122.3	6245	B3-U0-G2	105.1
75WLED-730-G1	1715	74.5	8711	B3-U0-G3	116.9	7800	B3-U0-G3	104.7	8914	B3-U0-G3	119.6	7564	B3-U0-G3	101.5
105WLED-730-G1	2350	104.0	11474	B3-U0-G3	110.3	10274	B3-U0-G3	98.8	11741	B3-U0-G3	112.9	10376	B4-U0-G3	101.7
115WLED-730-G1	1260	114.5	12196	B3-U0-G3	106.5	10920	B3-U0-G3	95.4	12479	B3-U0-G3	109.0	10897	B4-U0-G3	95.2
135WLED-730-G1	1485	134.2	13901	B3-U0-G3	103.6	12447	B3-U0-G3	92.8	14224	B3-U0-G3	106.0	12676	B4-U0-G3	93.9
155WLED-730-G1	1695	154.4	15373	B3-U0-G4	99.6	13765	B3-U0-G3	89.2	15731	B3-U0-G4	101.9	14039	B4-U0-G3	91.2
<b>4000K / 70CRI</b>														
15WLED-740-G1	335	14.4	1862	B1-U0-G1	129.2	1667	B1-U0-G1	115.7	1905	B1-U0-G1	132.2	1563	B1-U0-G1	109.3
25WLED-740-G1	565	24.4	3143	B1-U0-G2	129.0	2814	B1-U0-G1	115.5	3216	B1-U0-G2	132.0	2655	B2-U0-G1	110.2
35WLED-740-G1	775	34.4	4344	B2-U0-G2	126.3	3889	B2-U0-G2	113.1	4445	B2-U0-G2	129.2	3671	B2-U0-G2	106.7
50WLED-740-G1	1100	48.5	5965	B2-U0-G2	123.0	5341	B2-U0-G2	110.1	6103	B2-U0-G2	125.8	5156	B3-U0-G2	107.4
60WLED-740-G1	1370	59.4	7342	B3-U0-G3	123.5	6574	B3-U0-G3	110.6	7512	B3-U0-G3	126.4	6454	B3-U0-G2	108.6
75WLED-740-G1	1715	74.5	9003	B3-U0-G3	120.8	8061	B3-U0-G3	108.2	9212	B3-U0-G3	123.7	7817	B3-U0-G3	104.9
105WLED-740-G1	2350	104.0	11858	B3-U0-G3	114.0	10618	B3-U0-G3	102.1	12134	B3-U0-G3	116.7	10723	B4-U0-G3	105.1
115WLED-740-G1	1260	114.5	12604	B3-U0-G3	110.1	11286	B3-U0-G3	98.6	12897	B3-U0-G3	112.6	11262	B4-U0-G3	98.4
135WLED-740-G1	1485	134.2	14366	B3-U0-G3	107.1	12864	B3-U0-G3	95.9	14700	B3-U0-G3	109.6	13100	B4-U0-G3	97.0
155WLED-740-G1	1695	154.4	15888	B3-U0-G4	102.9	14226	B3-U0-G3	92.1	16258	B3-U0-G4	105.3	14508	B4-U0-G3	94.2

### Standard Performance Lumen Values – 80CRI

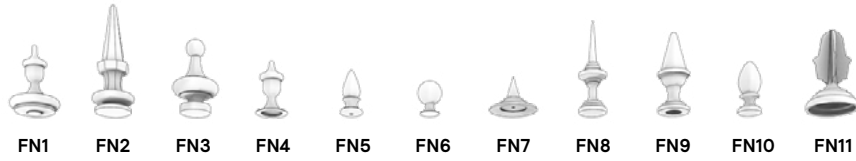
Ordering Code	System Current (mA)	Avg. System Watts (W)	Type 2			Type 3			Type 4			Type 5		
			Lumen Output	BUG Rating	Effic. (LPW)	Lumen Output	BUG Rating	Effic. (LPW)	Lumen Output	BUG Rating	Effic. (LPW)	Lumen Output	BUG Rating	Effic. (LPW)
<b>2700K / 80CRI</b>														
15WLED-827-G1	335	14.4	1592	B1-U0-G1	110.5	1425	B1-U0-G1	98.9	1629	B1-U0-G1	113.0	1336	B1-U0-G1	93.4
25WLED-827-G1	565	24.4	2687	B1-U0-G1	110.3	2406	B1-U0-G1	98.8	2750	B1-U0-G1	112.9	2270	B2-U0-G1	94.2
35WLED-827-G1	775	34.4	3714	B2-U0-G2	108.0	3325	B2-U0-G2	96.7	3800	B2-U0-G2	110.5	3139	B2-U0-G2	91.2
50WLED-827-G1	1100	48.5	5100	B2-U0-G2	105.1	4566	B2-U0-G2	94.1	5218	B2-U0-G2	107.6	4408	B3-U0-G2	91.8
60WLED-827-G1	1370	59.4	6277	B2-U0-G2	105.6	5620	B2-U0-G2	94.6	6423	B2-U0-G2	108.1	5518	B3-U0-G2	92.9
75WLED-827-G1	1715	74.5	7697	B3-U0-G3	103.3	6892	B3-U0-G3	92.5	7876	B3-U0-G3	105.7	6683	B3-U0-G2	89.7
105WLED-827-G1	2350	104.0	10138	B3-U0-G3	97.5	9078	B3-U0-G3	87.3	10374	B3-U0-G3	99.8	9168	B3-U0-G3	89.9
115WLED-827-G1	1260	114.5	10776	B3-U0-G3	94.1	9649	B3-U0-G3	84.3	11026	B3-U0-G3	96.3	9628	B4-U0-G3	84.1
135WLED-827-G1	1485	134.2	12282	B3-U0-G3	91.6	10998	B3-U0-G3	82.0	12568	B3-U0-G3	93.7	11200	B4-U0-G3	83.0
155WLED-827-G1	1695	154.4	13584	B3-U0-G3	88.0	12163	B3-U0-G3	78.8	13900	B3-U0-G3	90.0	12404	B4-U0-G3	80.5
<b>3000K / 80CRI</b>														
15WLED-830-G1	335	14.4	1648	B1-U0-G1	114.4	1476	B1-U0-G1	102.4	1687	B1-U0-G1	117.1	1384	B1-U0-G1	96.8
25WLED-830-G1	565	24.4	2783	B1-U0-G1	114.2	2492	B1-U0-G1	102.3	2848	B1-U0-G1	116.9	2351	B2-U0-G1	97.6
35WLED-830-G1	775	34.4	3846	B2-U0-G2	111.8	3444	B2-U0-G2	100.1	3936	B2-U0-G2	114.4	3251	B2-U0-G2	94.5
50WLED-830-G1	1100	48.5	5282	B2-U0-G2	108.9	4729	B2-U0-G2	97.5	5405	B2-U0-G2	111.4	4565	B3-U0-G2	95.1
60WLED-830-G1	1370	59.4	6501	B2-U0-G2	109.4	5821	B2-U0-G2	97.9	6652	B2-U0-G2	111.9	5715	B3-U0-G2	96.2
75WLED-830-G1	1715	74.5	7972	B3-U0-G3	107.0	7138	B3-U0-G3	95.8	8157	B3-U0-G3	109.5	6922	B3-U0-G2	92.9
105WLED-830-G1	2350	104.0	10500	B3-U0-G3	101.0	9402	B3-U0-G3	90.4	10745	B3-U0-G3	103.3	9495	B4-U0-G3	93.1
115WLED-830-G1	1260	114.5	11161	B3-U0-G3	97.5	9993	B3-U0-G3	87.3	11420	B3-U0-G3	99.7	9972	B4-U0-G3	87.1
135WLED-830-G1	1485	134.2	12721	B3-U0-G3	94.8	11391	B3-U0-G3	84.9	13017	B3-U0-G3	97.0	11600	B4-U0-G3	85.9
155WLED-830-G1	1695	154.4	14069	B3-U0-G3	91.1	12597	B3-U0-G3	81.6	14396	B3-U0-G3	93.2	12847	B4-U0-G3	83.4
<b>4000K / 80CRI</b>														
15WLED-840-G1	335	14.4	1762	B1-U0-G1	122.3	1578	B1-U0-G1	109.5	1803	B1-U0-G1	125.1	1479	B1-U0-G1	103.4
25WLED-840-G1	565	24.4	2975	B1-U0-G2	122.1	2664	B1-U0-G1	109.4	3044	B1-U0-G1	125.0	2513	B2-U0-G1	104.3
35WLED-840-G1	775	34.4	4112	B2-U0-G2	119.5	3682	B2-U0-G2	107.0	4207	B2-U0-G2	122.3	3475	B2-U0-G2	101.0
50WLED-840-G1	1100	48.5	5646	B2-U0-G2	116.4	5055	B2-U0-G2	104.2	5777	B2-U0-G2	119.1	4880	B3-U0-G2	101.7
60WLED-840-G1	1370	59.4	6949	B3-U0-G3	116.9	6222	B3-U0-G3	104.7	7111	B2-U0-G3	119.6	6109	B3-U0-G2	102.8
75WLED-840-G1	1715	74.5	8522	B3-U0-G3	114.4	7630	B3-U0-G3	102.4	8720	B3-U0-G3	117.0	7399	B3-U0-G3	99.3
105WLED-840-G1	2350	104.0	11225	B3-U0-G3	107.9	10051	B3-U0-G3	96.6	11486	B3-U0-G3	110.4	10150	B4-U0-G3	99.5
115WLED-840-G1	1260	114.5	11930	B3-U0-G3	104.2	10683	B3-U0-G3	93.3	12208	B3-U0-G3	106.6	10660	B4-U0-G3	93.1
135WLED-840-G1	1485	134.2	13598	B3-U0-G3	101.4	12176	B3-U0-G3	90.8	13915	B3-U0-G3	103.7	12400	B4-U0-G3	91.9
155WLED-840-G1	1695	154.4	15039	B3-U0-G4	97.4	13466	B3-U0-G3	87.2	15389	B3-U0-G3	99.7	13733	B4-U0-G3	89.2

Actual performance may vary due to installation variables including optics, mounting/ceiling height, dirt depreciation, light loss factor, etc.; highly recommended to confirm performance with a layout - contact Applications at [signify.com/outdoorluminaires](mailto:signify.com/outdoorluminaires). Consult DLC QPL to confirm your specific fixture selection is DLC approved. Note: Some data may be scaled based on tests of similar but not identical luminaires.

# S-OSP-C OmniScape

LED Urban Post Top with ComfortEdge technology

## Finials



## Roofs



## Cages



## Fitters



# S-OSP-C OmniScape

LED Urban Post Top with ComfortEdge technology

## Contemporary configurations with Skirts



S-OSPCCC



S-OSPCCC with Skirt



S-OSPTCC with Skirt



S-OSPHCC with Skirt

## Transitional configurations with Skirts



S-OSPCTT



S-OSPCTT with Skirt



S-OSPTTT with Skirt



S-OSPHTT with Skirt

## Historical configurations with Skirts



S-OSPCHH



S-OSPCHH with Skirt



S-OSPTHH with Skirt



S-OSPHHH with Skirt

# S-OSP-C OmniScape

## LED Urban Post Top with ComfortEdge technology

### Specifications

#### Housing

In a round shape, this housing is made of injection die cast A360.1 aluminium alloy 0.1 (2.5mm) minimum thickness, composed of a hood and heat sink mechanically assembled. C/w latch giving a tool free access. Housing is rated IP66.

#### Roof

With Transitional and Historical Roof Series: In a round shape, hood is made of spun 1100 aluminium alloy 0.080 (2mm), mechanically assembled to the housing with four (4) 10 24 UNC screws.

#### Cage

In a round shape with 4 arms, each arm is a one-piece permanent mold A356 Aluminum alloy 0.188 (4.8mm) minimum thickness, mechanically assembled to the housing and fitter.

#### Fitter

Made of permanent mold A356 Aluminum alloy 0.188 (4.8mm) minimum thickness. Comes with an easy self adjusting system with two (2) set screws 3/8 16 UNC for ease of maintenance and installation. Fits on a 4" (102mm) outside diameter by 4" (102mm) long tenon.

#### Light Engine

ComfortEdge Technology provides low-glare, uniform illumination. Composed of LEDs strategically positioned on the edge of the optical plate. Light engine luminous opening size optimized to best achieve a balance between lumen output and optical performance with the need to provide visual comfort. Light engine frame ensures contact with housing to provide heat conduction and sealing against the elements. Light engine is RoHS compliant. Maximum ambient operating temperature up to 40°C(104°F).

#### Optical System

The advanced LED comfort optical system provides Types 2, 3, 4 and 5. Composed of high-performance UV stabilized optical grade lens with molded micro-optics to achieve desired distribution optimized to get an exceptional lighting uniformity. System is rated IP66. Performance tested per LM 79 and TM 15 (IESNA) certifying its photometric performance. Street side indicated. Luminaire designed with 0% uplight and U0 per IESNA TM 15 and complies with Dark Sky requirements (3000K or lower only).

#### Heat Sink

Made of cast aluminum optimising the LEDs efficiency and life. Product does not use any cooling device with moving parts (only passive cooling device).

#### Driver

High power factor of 90% minimum electronic driver, operating range 50/60 Hz. Auto adjusting universal voltage input rated for both application line-to-line or line-to-neutral, THD of 20% max. Driver comes with dimming compatible 0-10 volts.

**UNV:** 120 to 277VAC

**HVU:** 347 to 480VAC

The current supplying the LEDs will be reduced by driver if the driver experiences internal overheating as a protection to the LEDs and the electrical components. Output is protected from short circuits, voltage overload and current overload. Automatic recovery after correction.

#### Surge Protection

Surge protector tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line Ground, Line Neutral and Neutral Ground, and in accordance with U.S. DOE (Department of Energy) MSSLC (Municipal Solid State Street Lighting Consortium) model specification for LED roadway luminaires electrical immunity requirements for High Test Level 10kV/10kA.

#### Driver options

**D4i:** D4i certified driver, Zhaga-D4i certified fixture. Ship with DALI bus power turned on and luminaire information loaded in Memory banks 1 as per ANSI C137.4 (2021). Consult factory for any other driver programming requirement.

**DMG:** Dimmable driver 0-10V

**DALI:** D4i certified driver. Ship with DALI bus power turned on and luminaire information loaded in Memory banks 1 as per ANSI C137.4 (2021). Consult factory for any other driver programming requirement.

**SRD:** Sensor Ready Driver including SR communication (used for dimming and other functionalities), 24V auxiliary supply and a logical signal input (LSI) connected to the top NEMA twist lock receptacle and bottom TLRSR receptacle, if this option included/chosen. This configuration is compatible with Interact City controllers. Ship with DALI bus power turned on and luminaire information loaded in Memory banks 1 as per ANSI C137.4 (2021). Consult factory for any other driver programming requirement.

#### Receptacles options

**TLRD7:** Receptacle with 7 pins enabling dimming and with two extra connections for future use (these connections are capped off at the factory requires connections to be made in the field), can be used with a twist lock control device or photoelectric cell or a shorting cap. Use of photocell or shorting cap is required to ensure proper illumination.

**TLRSR:** SR Sensor connector with 4 pins, installed on fixture. Shipped with protective cover.

#### Control options

**FAWS:** Field Adjustable Wattage Selector, pre-set to the highest position, can be easily switched in the field to the required position. This reduces total luminaire wattage consumption and reduces the light level – see the FAWS multiplier chart for more details.

**MWxx:** High frequency (5.8GHz +/- 75MHz microwave ISM wave band with <0.5 mW transmitting power) motion sensor is mounted integral to the luminaire. Factory pre-programmed standard settings including a dimming level of 10%, 20%, 30% or 40%, hold time of 3 minutes with no stand-by period. This means that in operations, the sensor will keep the luminaire at 10%, 20%, 30% or 40%, of total lumen output and when motion is detected, the luminaire returns to 100% output. It will remain on full power for 3 minutes default prior to dimming back to low when no motion is observed. Recommended maximum mounting height 15ft (4.6m). Other dimming levels, holding times, and stand-by periods are possible, contact factory for details.

**OMS:** Outdoor Multi Sensor

**PH8S:** IP66, Twist-lock UNV (120-277VAC)

**PH8/347S:** IP66, Twist-lock (347VAC)

**PH8/480S:** IP66, Twist-lock (480VAC)

**PH9S:** IP66, Shorting Cap

**PHXLS:** IP66, Extended life UNV (120-277VAC)

#### Luminaire options

**FAWS:** Field Adjustable Wattage Selector, pre-set to the highest position, can be easily switched in the field to the required position. This reduces total luminaire wattage consumption and reduces the light level – see the FAWS multiplier chart for more.

**SP2:** Fail-On 20kV/10kA surge protection device that provides extra protection beyond standard 10kV/10kA level.

**TN3:** Fitter to fit over a 3" (76 mm) O.D.

by 4" (102 mm) tenon.

**TN3.5:** Fitter to fit over a 3-1/2" (89 mm) O.D.

by 4" (102 mm) tenon.

#### Decorative options

**FNx:** Selection of decorative cast 356 aluminum finials, mechanically assembled.

**S:** Decorative skirt. Spun 1100 Aluminum alloy 0.080 (2mm), mechanically assembled to the housing with four (4) 10-24 UNC screws.

#### Finish

The Thermosetting powder coating provided meets the color requirements of the AAMA 2604 specification as measured per ASTM D2244. The Thermosetting product is applied at a dry film of 2.5 to 4.0 mils (64-102 microns) on textured finishes, resulting in a durable long-lasting finish.

#### LED manufacturing standard

The electronic components sensitive to electrostatic discharge (ESD) such as light emitting diodes (LEDs) are assembled in compliance with IEC61340 5 1 and ANSI/ESD S20.20 standards to eliminate ESD events that could decrease useful life of the product.

#### Quality Control

Manufactured to ISO 9001 2015 and ISO 14001 2015 International Quality Standards Certification.

#### Vibration Resistance

Meets the ANSI C136.31, American National Standard for Roadway Luminaire Vibration specifications for Bridge/overpass applications, for all configurations except if contemporary cage is selected (S-OSPxCx). Tested for 3G over 100 000 cycles by an independent lab).

#### Service Tag

Each individual luminaire is uniquely identifiable, thanks to the Service tag application. With a simple scan of a QR code, placed inside the luminaire, you gain instant access to the luminaire configuration, making installation and maintenance operations faster and easier, no matter what stage of the luminaire's lifetime. Just download the APP and register your product right away.

For more details visit: [signify.com/servicetag](http://signify.com/servicetag)

# S-OSP-C OmniScape

## LED Urban Post Top with ComfortEdge technology

### Specifications (continued)

#### Certifications and Compliance

cULus Listed for Canada and USA.

DesignLights Consortium qualified (DLC). Consult DLC Qualified Product Lists to confirm specific configuration is approved.

CCTs 3000K and warmer are IDA Dark Sky Approved.

#### Limited Warranty

5-year limited warranty. See [signify.com/warranties](https://www.signify.com/warranties) for details and restrictions.