

# Day-Brite

## CFI

by Signify

Linear

SCD Wide strip

2ft, 3ft & 4ft



The SCD Wide strip LED from Day-Brite/CFI, is an economical luminaire delivering the right light required for commercial or residential applications.

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

### Ordering guide

Example: SCD450L840-UNV

Series	Length (nominal)	Lumens <sup>1</sup> (nominal)	Color temp. (K)	Voltage
<input type="text" value="SCD"/>			<input type="text" value="840"/> –	<input type="text" value="UNV"/>
SCD Wide strip LED	2 2' length	<b>20L</b> 2000 lumens	<b>840</b> 80 CRI, 4000K	<b>UNV</b> Universal voltage 120-277V(non-dimmable)
	3 3' length	<b>30L</b> 3000 lumens		
	4 4' length	<b>28L</b> 2800 lumens <b>50L</b> 5000 lumens		

1. Nominal delivered lumens at 25°C ambient.

All options are factory installed.

Many luminaire components, such as reflectors, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility.

### Features

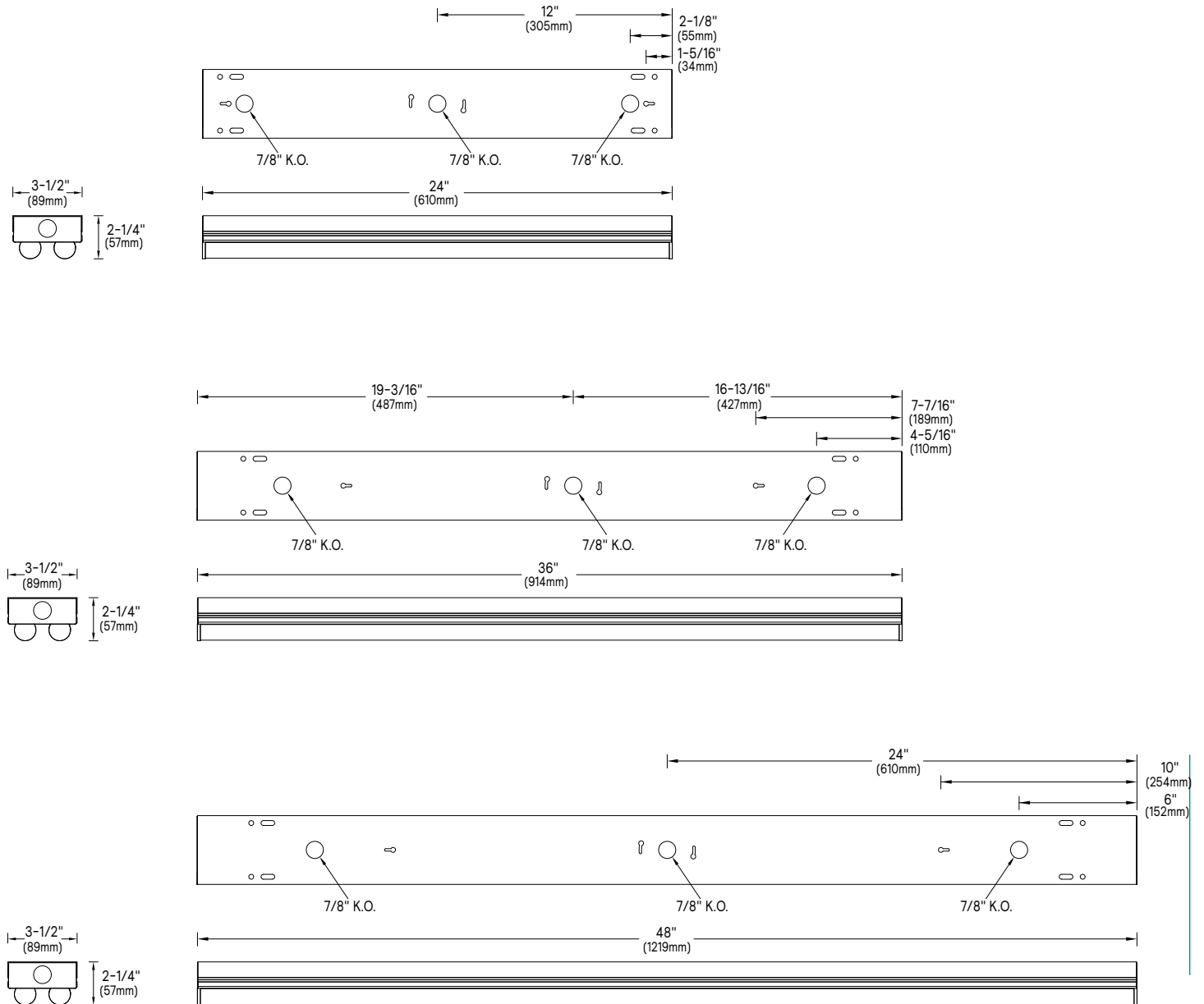
- White painted metal housing for durability.
- Easy hanging installation with holes provided in housing.
- 5 Year Limited Warranty.
- Frosted acrylic lens for even, low glare lighting.
- cULus listed to meet UL 1598 standards for -10C to 35C ambient.
- DLC Listing for most variations. Please check the DLC Qualified Products List to confirm.
- Hardware for surface mounting included.
- Suitable for damp locations.



# SCD Wide strip LED

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## Dimensions



# SCD Wide strip LED

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## Photometry

### 2' Wide strip LED, 2,000 nominal delivered lumens

<b>Catalog No.</b> SCD220L840-UNV <b>Test No.</b> 4788764693_1 <b>S/MH</b> 1.2 <b>Lamp Type</b> LED <b>Lumens</b> 2116 <b>LPW</b> 105 <b>Input Watts</b> 20  Comparative yearly lighting energy cost per 1000 lumens – <b>\$2.29</b> based on 3000 hrs. and \$.08 pwr KWH.  The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.  Photometric values based on test performed in compliance with LM-79.	<b>Candlepower</b>					<b>Light Distribution</b>			<b>Average Luminance</b>					
	<b>Angle</b>	<b>End</b>	<b>45</b>	<b>Cross</b>	<b>Back-45</b>	<b>Degrees</b>	<b>Lumens</b>	<b>% Luminaire</b>	<b>Angle</b>	<b>End</b>	<b>45°</b>	<b>Cross</b>		
	0	596	596	596	596	0-30	467	22.1	45	10693	10110	10519		
	5	596	595	590	594	0-40	771	36.5	55	9687	9562	10163		
	15	569	572	572	571	0-60	1418	67.0	65	8320	8991	9253		
	25	517	531	542	529	0-90	2004	94.7	75	6103	7568	7711		
	35	448	477	503	475	90-180	112	5.3	85	1304	5529	6273		
	45	366	417	457	412	0-180	2116	100.0						
	55	273	348	395	342	<b>Coefficients of Utilization</b>								
	65	178	273	307	268	<b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b>								
	75	84	178	204	174	<b>pcc</b>	<b>80</b>			<b>70</b>			<b>50</b>	
	85	8	88	118	83	<b>pw</b>	70	50	30	70	50	30	50	30
	95	0	57	91	53	<b>RCR</b>								
	105	0	34	64	29	0	118	118	118	114	114	114	108	108
	115	2	16	25	16	1	105	100	95	102	97	92	92	88
	125	0	2	28	1	2	95	86	78	92	83	76	79	73
	135	0	0	2	0	3	86	75	66	83	73	64	69	62
	145	0	0	0	0	4	79	66	56	76	64	55	61	53
	155	0	0	0	0	5	72	58	49	69	57	48	54	46
	165	0	0	0	0	6	66	52	43	64	51	42	49	41
175	0	0	0	0	7	61	47	38	59	46	38	44	37	
					8	57	43	34	55	42	34	40	33	
					9	53	39	31	52	39	31	37	30	
					10	50	36	28	48	36	28	34	27	

### 3' Wide strip LED, 3,000 nominal delivered lumens

<b>Catalog No.</b> SCD330L840-UNV <b>Test No.</b> 4788764693_5 <b>S/MH</b> 1.3 <b>Lamp Type</b> LED <b>Lumens</b> 3188 <b>LPW</b> 109 <b>Input Watts</b> 29  Comparative yearly lighting energy cost per 1000 lumens – <b>\$2.20</b> based on 3000 hrs. and \$.08 pwr KWH.  The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.  Photometric values based on test performed in compliance with LM-79.	<b>Candlepower</b>					<b>Light Distribution</b>			<b>Average Luminance</b>					
	<b>Angle</b>	<b>End</b>	<b>45</b>	<b>Cross</b>	<b>Back-45</b>	<b>Degrees</b>	<b>Lumens</b>	<b>% Luminaire</b>	<b>Angle</b>	<b>End</b>	<b>45°</b>	<b>Cross</b>		
	0	861	861	861	861	0-30	672	22.1	45	11068	10476	10901		
	5	860	856	863	862	0-40	1113	34.9	55	10444	10245	10902		
	15	828	841	849	827	0-60	2056	64.5	65	9586	10049	10690		
	25	762	792	814	775	0-90	2939	92.2	75	8293	9776	9829		
	35	671	727	770	705	90-180	249	7.8	85	6166	8957	9018		
	45	560	643	710	622	0-180	3188	100.0						
	55	434	553	635	528	<b>Coefficients of Utilization</b>								
	65	299	452	531	430	<b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b>								
	75	165	338	389	306	<b>pcc</b>	<b>80</b>			<b>70</b>			<b>50</b>	
	85	49	207	255	177	<b>pw</b>	70	50	30	70	50	30	50	30
	95	9	117	171	115	<b>RCR</b>								
	105	8	83	135	79	0	117	117	117	114	114	114	107	107
	115	8	36	87	41	1	105	99	94	101	96	91	90	87
	125	7	15	43	20	2	94	85	77	91	83	76	78	72
	135	7	6	21	6	3	85	74	65	82	72	64	68	61
	145	7	5	5	5	4	78	65	56	75	63	54	60	52
	155	6	5	3	5	5	71	58	48	69	56	47	53	45
	165	6	5	4	6	6	66	52	42	63	50	42	48	40
175	6	6	4	6	7	61	47	38	59	46	37	43	36	
					8	57	43	34	55	42	33	40	32	
					9	53	39	31	51	38	30	36	29	
					10	49	36	28	48	35	27	34	27	

Photometry continues on next page.

# SCD Wide strip LED

2ft, 3ft & 4ft

## Photometry (cont'd)

### 4' Wide strip LED, 2,800 nominal delivered lumens

<b>Catalog No.</b> SCD428L840-UNV <b>Test No.</b> 4788764693_1 <b>S/MH</b> 1.2 <b>Lamp Type</b> LED <b>Lumens</b> 2915 <b>LPW</b> 119 <b>Input Watts</b> 24  Comparative yearly lighting energy cost per 1000 lumens – <b>\$2.00</b> based on 3000 hrs. and \$.08 pwr KWH.  The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.  Photometric values based on test performed in compliance with LM-79.	<b>Candlepower</b>					<b>Light Distribution</b>			<b>Average Luminance</b>																																																																																																																																						
	<b>Angle</b> <b>End</b> <b>45</b> <b>Cross</b> <b>Back-45</b> <b>0</b> 767   767   767   767 <b>5</b> 764   767   764   768 <b>15</b> 732   744   750   742 <b>25</b> 671   700   723   700 <b>35</b> 586   642   683   637 <b>45</b> 484   572   629   563 <b>55</b> 367   489   565   478 <b>65</b> 244   403   474   392 <b>75</b> 120   290   347   288 <b>85</b> 25   168   224   166 <b>95</b> 3   107   155   95 <b>105</b> 2   78   115   64 <b>115</b> 2   40   70   25 <b>125</b> 2   21   42   11 <b>135</b> 3   4   19   2 <b>145</b> 3   3   2   2 <b>155</b> 3   3   1   3 <b>165</b> 3   3   2   3 <b>175</b> 4   4   3   4	<b>Degrees</b> <b>Lumens</b> <b>% Luminaire</b> <b>0-30</b> 604   20.7 <b>0-40</b> 1002   34.4 <b>0-60</b> 1862   63.9 <b>0-90</b> 2685   92.1 <b>90-180</b> 230   7.9 <b>0-180</b> 2915   100.0	<b>Angle</b> <b>End</b> <b>45°</b> <b>Cross</b> <b>45</b> 7212   7018   7249 <b>55</b> 6692   6830   7273 <b>65</b> 5946   6764   7157 <b>75</b> 4644   6351   6571 <b>85</b> 2501   5544   5937																																																																																																																																												
<b>Coefficients of Utilization</b> <b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b>																																																																																																																																															
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### 4' Wide strip LED, 5,000 nominal delivered lumens

<b>Catalog No.</b> SCD450L840-UNV <b>Test No.</b> 4788764693_3 <b>S/MH</b> 1.2 <b>Lamp Type</b> LED <b>Lumens</b> 5498 <b>LPW</b> 107 <b>Input Watts</b> 51  Comparative yearly lighting energy cost per 1000 lumens – <b>\$2.12</b> based on 3000 hrs. and \$.08 pwr KWH.  The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.  Photometric values based on test performed in compliance with LM-79.	<b>Candlepower</b>					<b>Light Distribution</b>			<b>Average Luminance</b>																																																																																																																																						
	<b>Angle</b> <b>End</b> <b>45</b> <b>Cross</b> <b>Back-45</b> <b>0</b> 1470   1470   1470   1470 <b>5</b> 1461   1456   1458   1471 <b>15</b> 1386   1393   1414   1426 <b>25</b> 1261   1297   1341   1334 <b>35</b> 1093   1161   1249   1210 <b>45</b> 891   1015   1138   1064 <b>55</b> 667   850   1000   898 <b>65</b> 430   677   809   726 <b>75</b> 203   462   571   523 <b>85</b> 30   244   353   290 <b>95</b> 5   173   269   174 <b>105</b> 4   121   197   118 <b>115</b> 4   56   136   43 <b>125</b> 4   23   62   17 <b>135</b> 4   4   24   4 <b>145</b> 5   4   2   5 <b>155</b> 6   5   3   5 <b>165</b> 6   6   4   6 <b>175</b> 7   7   5   7	<b>Degrees</b> <b>Lumens</b> <b>% Luminaire</b> <b>0-30</b> 1154   22.0 <b>0-40</b> 1911   34.8 <b>0-60</b> 3533   64.3 <b>0-90</b> 5075   92.3 <b>90-180</b> 423   7.7 <b>0-180</b> 5498   100.0	<b>Angle</b> <b>End</b> <b>45°</b> <b>Cross</b> <b>45</b> 13288   12447   13111 <b>55</b> 12156   11859   12862 <b>65</b> 10484   11363   12203 <b>75</b> 7829   10120   10803 <b>85</b> 2983   8020   9343																																																																																																																																												
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