

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 ¹ (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	20L 2000 lumens	840 80 CRI, 4000K	UNV Universal voltage 120-277V(non-dimmable)
	3 3' length	30L 3000 lumens		
	4 4' length	28L 2800 lumens 50L 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.

Light to go

Compatible configurations

Luminaire

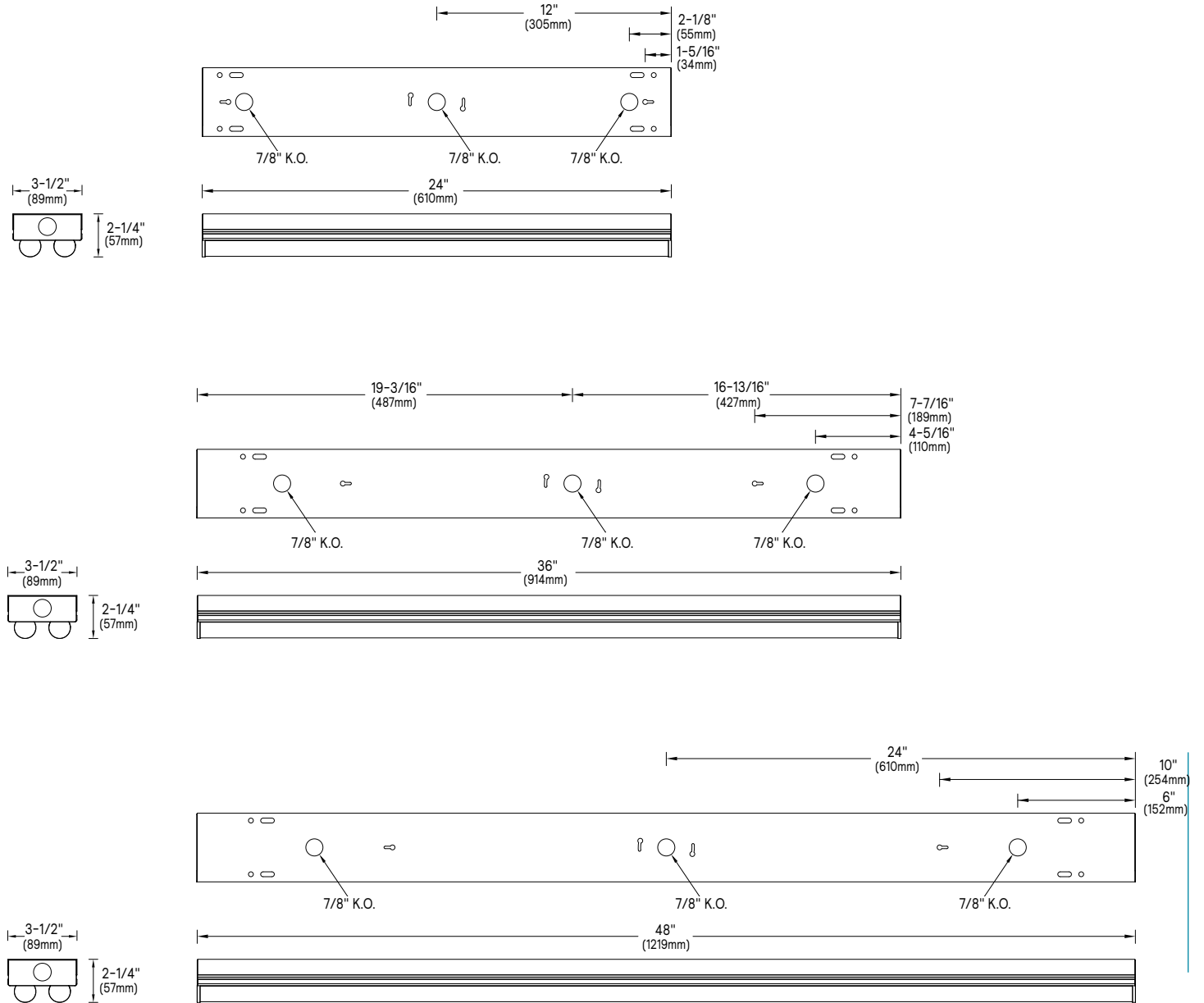
SCD220L840UNV
SCD330L840UNV
SCD428L840UNV
SCD450L840UNV



SCD Wide strip LED

2ft, 3ft & 4ft

Dimensions



SCD Wide strip LED

2ft, 3ft & 4ft

Photometry

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

Catalog No. SCD220L840-UNV Test No. 4788764693_1 S/MH 1.2 Lamp Type LED Lumens 2116 LPW 105 Input Watts 20 Comparative yearly lighting energy cost per 1000 lumens – \$2.29 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.	Candlepower					Light Distribution			Average Luminance																																																																																																																																										
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3' Wide strip LED, 3,000 nominal delivered lumens

Catalog No. SCD330L840-UNV Test No. 4788764693_5 S/MH 1.3 Lamp Type LED Lumens 3188 LPW 109 Input Watts 29 Comparative yearly lighting energy cost per 1000 lumens – \$2.20 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.	Candlepower					Light Distribution			Average Luminance																																																																																																																																										
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Photometry continues on next page.

SCD Wide strip LED

2ft, 3ft & 4ft

Photometry (cont'd)

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

Catalog No.	SCD428L840-UNV	Candlepower					Light Distribution			Average Luminance			
		Angle	End	45	Cross	Back-45	Degrees	Lumens	% Luminaire	Angle	End	45'	Cross
Test No.	4788764693_1	0	767	767	767	767	0-30	604	20.7	45	7212	7018	7249
S/MH	1.2	5	764	767	764	768	0-40	1002	34.4	55	6692	6830	7273
Lamp Type	LED	15	732	744	750	742	0-60	1862	63.9	65	5946	6764	7157
Lumens	2915	25	671	700	723	700	0-90	2685	92.1	75	4644	6351	6571
LPW	119	35	586	642	683	637	90-180	230	7.9	85	2501	5544	5937
Input Watts	24	45	484	572	629	563	0-180	2915	100.0				
		55	367	489	565	478							
		65	244	403	474	392							
		75	120	290	347	288							
		85	25	168	224	166							
		95	3	107	155	95							
		105	2	78	115	64							
		115	2	40	70	25							
		125	2	21	42	11							
		135	3	4	19	2							
		145	3	3	2	2							
		155	3	3	1	3							
		165	3	3	2	3							
		175	4	4	3	4							

Coefficients of Utilization									
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
pcc	80			70			50		
pw	70	50	30	70	50	30	50	30	
RCR									
0	117	117	117	114	114	114	107	107	
1	105	99	94	101	96	91	90	86	
2	94	85	77	91	82	75	77	71	
3	85	74	65	82	71	63	67	60	
4	78	65	55	75	63	54	59	52	
5	71	58	48	68	56	47	53	45	
6	66	52	42	63	50	41	48	40	
7	61	47	37	58	45	37	43	35	
8	56	42	34	54	41	33	39	32	
9	53	39	30	51	38	30	36	29	
10	49	36	28	48	35	27	33	26	

Comparative yearly lighting energy cost per 1000 lumens – **\$2.00** 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.

4' Wide strip LED, 5,000 nominal delivered lumens

Catalog No.	SCD450L840-UNV	Candlepower					Light Distribution			Average Luminance			
		Angle	End	45	Cross	Back-45	Degrees	Lumens	% Luminaire	Angle	End	45'	Cross
Test No.	4788764693_3	0	1470	1470	1470	1470	0-30	1154	22.0	45	13288	12447	13111
S/MH	1.2	5	1461	1456	1458	1471	0-40	1911	34.8	55	12156	11859	12862
Lamp Type	LED	15	1386	1393	1414	1426	0-60	3533	64.3	65	10484	11363	12203
Lumens	5498	25	1261	1297	1341	1334	0-90	5075	92.3	75	7829	10120	10803
LPW	107	35	1093	1161	1249	1210	90-180	423	7.7	85	2983	8020	9343
Input Watts	51	45	891	1015	1138	1064	0-180	5498	100.0				
		55	667	850	1000	898							
		65	430	677	809	726							
		75	203	462	571	523							
		85	30	244	353	290							
		95	5	173	269	174							
		105	4	121	197	118							
		115	4	56	136	43							
		125	4	23	62	17							
		135	4	4	24	4							
		145	5	4	2	5							
		155	6	5	3	5							
		165	6	6	4	6							
		175	7	7	5	7							

Coefficients of Utilization									
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
pcc	80			70			50		
pw	70	50	30	70	50	30	50	30	
RCR									
0	117	117	117	114	114	114	107	107	
1	105	99	94	101	96	91	90	86	
2	94	85	77	91	82	75	77	71	
3	85	74	65	82	72	63	67	61	
4	78	65	56	75	63	54	60	52	
5	71	58	48	69	56	47	53	45	
6	66	52	42	63	50	42	48	40	
7	61	47	38	59	46	37	43	36	
8	57	43	34	54	41	33	39	32	
9	53	39	30	51	38	30	36	29	
10	49	36	28	48	35	27	33	26	

Comparative yearly lighting energy cost per 1000 lumens – **\$2.12** 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.

