

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
SCD			840 –	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

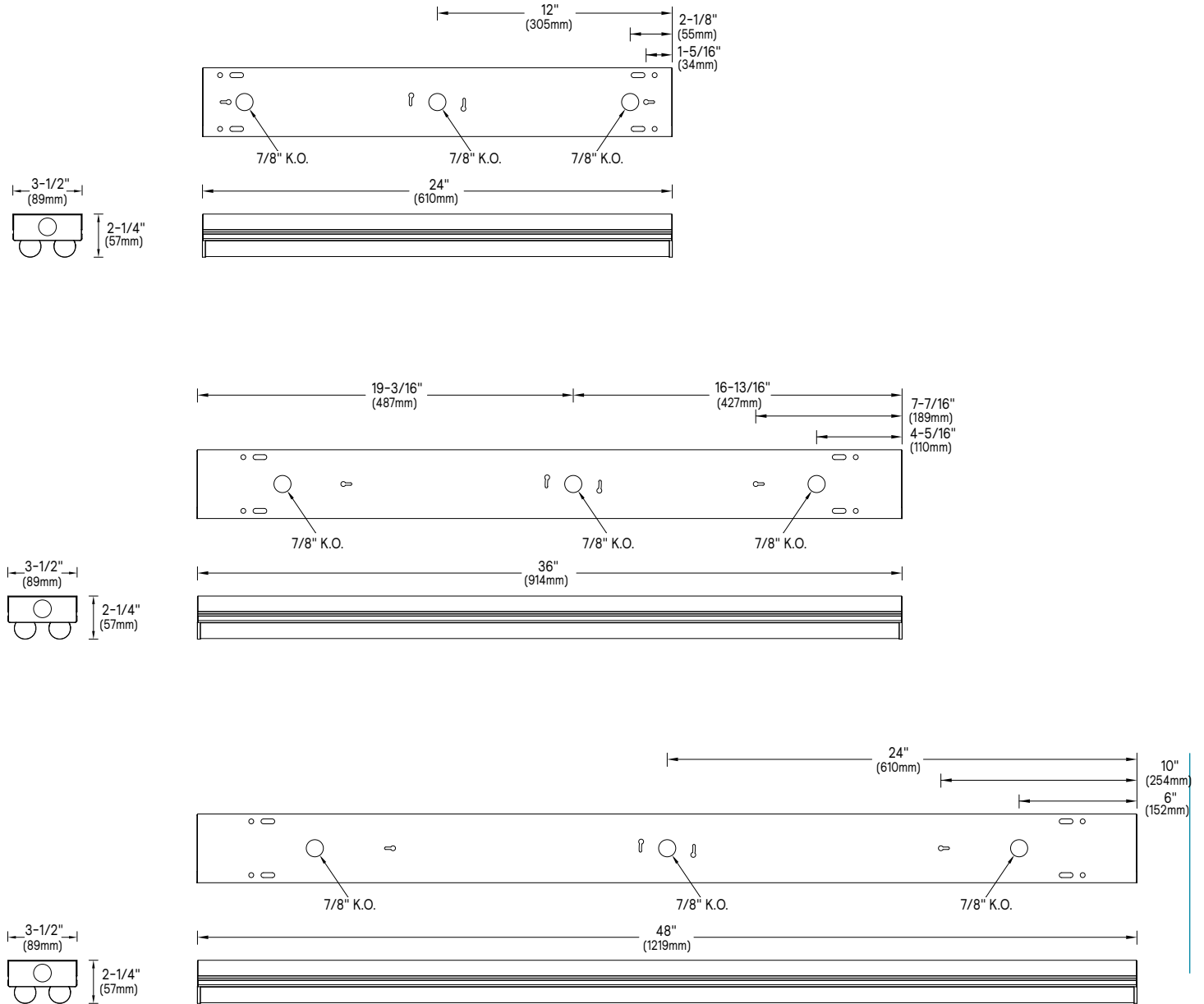
every job matters



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					
	Angle	End	45	Cross	Back-45	Degrees	Lumens	% Luminaire	Angle	End	45°	Cross		
	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	Coefficients of Utilization								
	65	178	273	307	268	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)								
	75	84	178	204	174	pcc	80			70			50	
	85	8	88	118	83	pw	70	50	30	70	50	30	50	30
	95	0	57	91	53	RCR								
	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

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					
	Angle	End	45	Cross	Back-45	Degrees	Lumens	% Luminaire	Angle	End	45°	Cross		
	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	Coefficients of Utilization								
	65	299	452	531	430	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)								
	75	165	338	389	306	pcc	80			70			50	
	85	49	207	255	177	pw	70	50	30	70	50	30	50	30
	95	9	117	171	115	RCR								
	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

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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.

