

Day-Brite

CFI

by Signify

Surface

ClearAppeal LED 2x4

3600, 4200, 5500, or 7000 lumens



Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Day-Brite / CFI ClearAppeal surface LED provides excellent visual comfort. Its modern architectural styling complements any space.

Ordering guide

Example: 2SCA42L840-4-DS-UNV-DIM

Width	Family	Lumens	Color	Length	Center Diffuser	Voltage	Driver	Options
2' 2"	SCA		—	4' 4"	DS	—	—	
2' 2"	SCA ClearAppeal surface	36L 3600 nominal delivered lumens 42L 4200 nominal delivered lumens 55L 5500 nominal delivered lumens 70L 7000 nominal delivered lumens	830 80 CRI, 3000K 835 80 CRI, 3500K 840 80 CRI, 4000K 850 80 CRI, 5000K	4' 4"	DS Diffuse (smooth)	UNV Universal Voltage, 120-277 volt 347 347V	DIM¹ 0-10V dimming SDIM² Step dimming to 40% input power	AG Antimicrobial paint GLR Fusing, fast blow SWZDT³ Integral sensor, daylighting and occupancy, advanced grouping with dwell time DAYOCC³ Integral sensor, daylighting and occupancy, basic grouping DSC Quick driver disconnect

Footnotes

- 1 Integral SWZDT and DAYOCC options dimmable to 5% via wireless wall switch, all other 0-10V wired configurations dimmable to 1%.
- 2 SDIM not available for 70L lumen option.
- 3 Specify only with -DIM driver option.



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Application

- Modern architectural styling to complement any space.
- Smooth brightness across the face of the luminaire prevents glare and provides excellent visual comfort.
- Directs a controlled amount of light to higher angles to eliminate "cave effect" without creating glare.
- Ideal for modern offices, schools and retail environments.
- Excellent luminaire efficacy provides significant energy savings.
- High CRI source provides excellent color rendering.
- LEDs are an excellent source for use with controls since frequent switching does not affect the life of the light source.

Construction/Finish

- Extruded aluminum external construction provides accurate, high quality fit and finish.
- Captive hinged door frame assembly for maintenance accessibility.
- Matte white external finish is standard, custom colors available.

Electrical

- Driver and LED boards are easily accessible from below. LED boards are individually replaceable if required.
- 0-10V dimming is standard.
- Five year limited luminaire warranty includes LED boards and driver. Visit www.philips.com/warranties for complete warranty information.
- High efficiency LEDs have a minimum 70,000 hour rated life (L70). Predicted L70 lifetime based on LED manufacturer's LM-80 data and in-situ laboratory testing.
- cETLus listed to UL standards, suitable for damp locations.
- ClearAppeal luminaires are Designlights Consortium® qualified. Please see the DLC QPL list for exact catalog numbers (<http://www.designlights.org/QPL>).

Enclosure

- Captive one-piece enclosure hinges down as an assembly for easy access to internals if needed.
- Guide-post spring loaded latches allow easy opening and closing of the enclosure.
- Single piece thermo formed acrylic lens with smooth center diffuser (DS).

General Notes

- All options factory installed.
- All accessories are field installed.
- Many luminaire components, such as reflectors, refractors, 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.

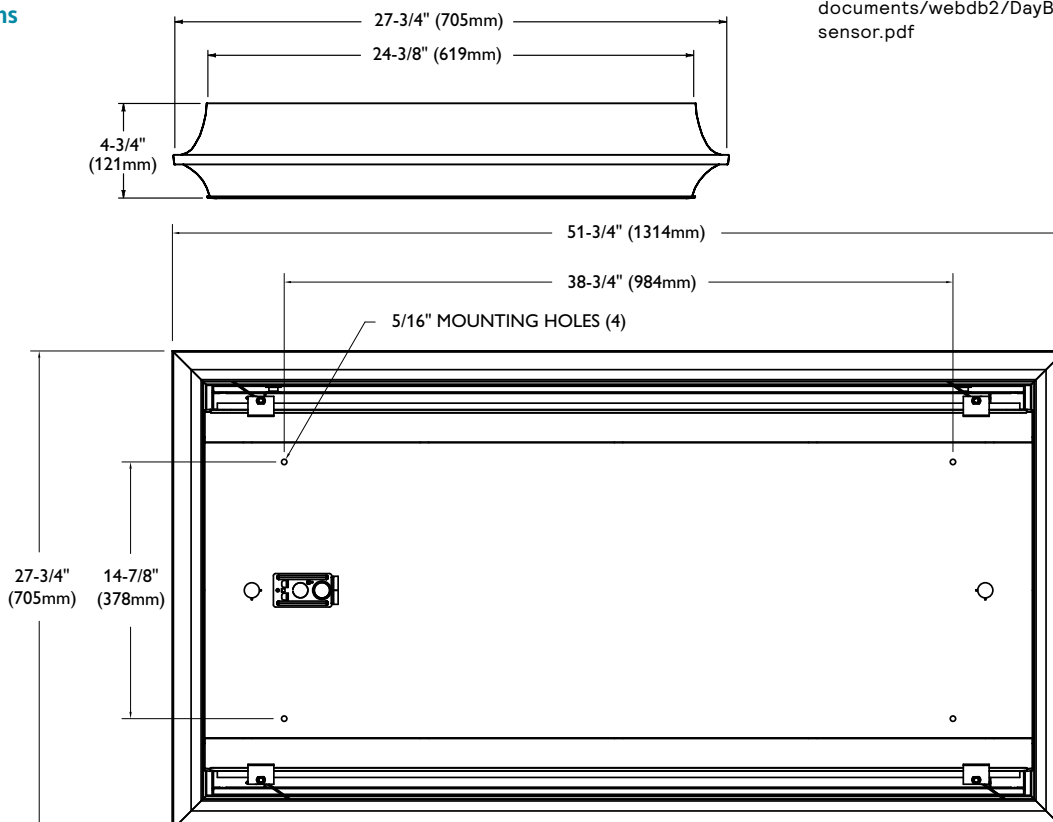
DAYOCC & SpaceWise DT (SWZDT)

- Commissioning via compatible Android phone and Philips Field App
- Dimming via compatible wireless wall switch only (see below)
- Register for the commissioning app at <http://registration.componentcloud.philips.com/appregistration/>
- Integral sensing options (DAYOCC, SWZG2, SWZDT) may not be combined
- For more information including recommended switches, refer to the following –

DAYOCC – www.lightingproducts.philips.com/documents/webdb2/DayBrite/pdf/DAYOCC_sensor.pdf

SWZDT – www.lightingproducts.philips.com/documents/webdb2/DayBrite/pdf/SWZDT_sensor.pdf

Dimensions



2SCA ClearAppeal surface LED 2x4

3600, 4200, 5500, or 7000 lumens

Photometry

2x4 ClearAppeal surface LED, 3600 nominal delivered lumens

LER – 118

Catalog No.	2SCA36L840-4-DS-UNV	Candela distribution					Light Distribution			Average Luminance			
		Vertical Angle	0°	45°	90°	-45°	Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
Test No.	35365	0	1263	1263	1263	1263	0-30	981	27.0	45	1709	1821	1883
S/MH	1.3	5	1249	1258	1266	1258	0-40	1599	44.1	55	1596	1751	1841
Lamp Type	LED	15	1198	1219	1231	1219	0-60	2808	77.4	65	1446	1690	1828
Lumens	3626	25	1095	1126	1146	1126	0-90	3627	100.0	75	1200	1716	1912
Input Watts	30.7	35	950	994	1015	994				85	754	1350	1247
		45	778	829	857	829							
		55	590	647	680	647							
		65	394	460	498	460							
		75	200	286	319	286							
		85	42	76	70	76							

Comparative yearly lighting energy cost per 1000 lumens – **\$2.03** 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.

2x4 ClearAppeal surface LED, 4200 nominal delivered lumens

LER – 117

Catalog No.	2SCA42L840-4-DS-UNV	Candela distribution					Light Distribution			Average Luminance			
		Vertical Angle	0°	45°	90°	-45°	Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
Test No.	36364	0	1487	1487	1487	1487	0-30	1154	27.0	45	2013	2143	2215
S/MH	1.3	5	1471	1481	1490	1481	0-40	1882	44.1	55	1880	2059	2168
Lamp Type	LED	15	1410	1434	1449	1434	0-60	3306	77.4	65	1705	1987	2157
Lumens	4270	25	1288	1325	1348	1325	0-90	4272	100.0	75	1419	2017	2256
Input Watts	36.4	35	1119	1169	1194	1169				85	900	1637	1464
		45	917	976	1009	976							
		55	694	761	801	761							
		65	464	541	587	541							
		75	237	336	376	336							
		85	51	92	82	92							

Comparative yearly lighting energy cost per 1000 lumens – **\$2.05** 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.

2SCA ClearAppeal surface LED 2x4

3600, 4200, 5500, or 7000 lumens

2x4 ClearAppeal surface LED, 5500 nominal delivered lumens

LER – 116

Catalog No.	2SCA55L840-4-DS-UNV	Candela distribution					Light Distribution			Average Luminance			
		Vertical Angle	0°	Horizontal Angle 45°	90°	-45°	Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
Test No.	35363	0	1934	1934	1934	1934	0-30	1502	27.0	45	2619	2787	2884
S/MH	1.3	5	1914	1927	1938	1927	0-40	2449	44.1	55	2449	2677	2824
Lamp Type	LED	15	1834	1865	1885	1865	0-60	4302	77.4	65	2219	2587	2812
Lumens	5556	25	1677	1724	1753	1724	0-90	5558	100.0	75	1842	2625	2937
Input Watts	47.6	35	1456	1521	1554	1521				85	1167	2111	1931
		45	1193	1269	1314	1269							
		55	905	989	1043	989							
		65	604	704	766	704							
		75	307	438	490	438							
		85	66	119	108	119							

Comparative yearly lighting energy cost per 1000 lumens – **\$2.05** 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.

2x4 ClearAppeal surface LED, 7000 nominal delivered lumens

LER – 114

Catalog No.	2SCA70L840-4-DS-UNV	Candela distribution					Light Distribution			Average Luminance			
		Vertical Angle	0°	Horizontal Angle 45°	90°	-45°	Degrees	Lumens	% Luminaire	Angle	End	45°	Cross
Test No.	35362	0	2441	2441	2441	2441	0-30	1895	27.0	45	3301	3521	3637
S/MH	1.3	5	2415	2431	2446	2431	0-40	3090	44.1	55	3084	3382	3561
Lamp Type	LED	15	2315	2355	2379	2355	0-60	5428	77.4	65	2800	3267	3551
Lumens	7011	25	2118	2177	2214	2177	0-90	7014	100.0	75	2321	3310	3720
Input Watts	61.3	35	1836	1922	1961	1922				85	1463	2630	2400
		45	1503	1603	1657	1603							
		55	1139	1249	1316	1249							
		65	762	889	967	889							
		75	387	552	620	552							
		85	82	148	135	148							

Comparative yearly lighting energy cost per 1000 lumens – **\$2.11** 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.

