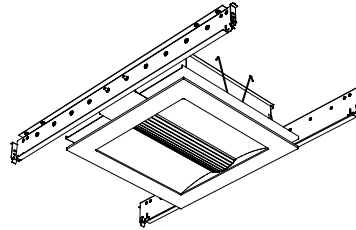


PHILIPS
Day-Brite
CFI

Recessed

SofTrace 1x1

Quad or triple tube CFL



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

The Philips Day-Brite / Philips CFI SofTrace recessed brings new meaning to the concept of combining style with performance. Equipped with a fresh streamlined design and innovative technology, SofTrace provides a huge step forward for the lighting industry. The sleek profile design belies the true “horsepower under the hood”. This architectural product now delivers leading edge performance for the most environmentally conscious user.

Ordering guide

Example: 1STB126/32/42PL-D-UNV-1/1-EB

Width	Family	Mounting Type	No. of Lamps (not included)	Lamp/Type/Wattage	Center Diffusers	Voltage	Ballast Conf.	Ballast Type	Options
1	ST	B	1	26/32/42PL	—	—	1/1	—	
1 1'	ST Softrace	B Bar Hangers	1	26/32/42PL 26W/32W/42W Quad or Triple (if ordered without lamp)	D Diffuse PMW Round perf w/ white overlay	UNV Universal Voltage 120-277V 347 347V	1/1 One 1 lamp ballast	EB Electronic ballast, std. ballast factor EBD7 Advance Mark 7 dimming ballast, 0-10V (low voltage) control EBDX Advance Mark 10 dimming ballast, phase control EBD Electronic dimming ballast, customer specified	CC Custom Color Fusing, fast blow GLR Lamp included, 26W quad, 80+ CRI, 3500K LPT835/26QPL LPT835/26PLT Lamp included, 26W triple tube, 80+ CRI, 3500K LPT835/32PLT Lamp included, 32W triple tube, 80+ CRI, 3500K LPT835/42PLT Lamp included, 42W triple tube, 80+ CRI, 3500K LPT835/32PLT/27W Lamp included, energy saving 27W replacement for 32W, 80+ CRI, 3500K LPT835/42PLT/33W Lamp included, energy saving 33W replacement for 42W, 80+ CRI, 3500K B94/E B94 Emergency ballast

Accessories (order separately)

- BH3 - 27" Flat Bar Hangers (pair) - wood joist



1ST SofTrace recessed 1x1

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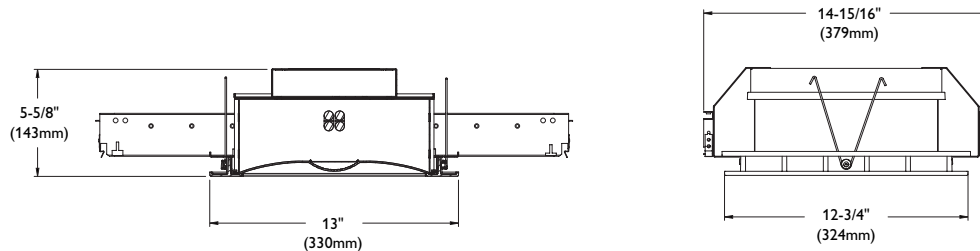
Application

- Compact size benefits small scale applications including corridors, lobbies, reception areas, public areas, conference rooms and small private offices.
- Subtle enclosure curves provide architectural styling to complement any space.
- Smooth brightness across the entire face of the luminaire prevents glare and provides excellent visual comfort.
- Directs a controlled amount of light to higher angles to eliminate "cave effect" and minimize scalloping without creating glare.
- Aesthetic design matches other SofTrace products to allow cohesive product packages to be assembled within the same product family.
- Multiple ballast/lamp systems and enclosure options are available, providing flexibility to tailor the luminaire to specific applications.
- Factory installed "C" channel bar hangers offer vertical and horizontal adjustment.
- For wood joist construction, 27" flat bar hangers (ordered separately) install perpendicular to C-channels.

Construction/Finish

- Single lamp cross-section maximizes efficiency.
- Lamp and ballast are accessible from below the ceiling plane.
- Rear access plate provides easy access to the wiring compartment.
- Enclosure frame is die-cast aluminum for premium fit and finish.
- Standard enclosure frame finish is matte white, custom colors available.

Dimensions



Recommended ceiling cut out 11-7/8" square.

Outside dimensions of enclosure flange 12-3/4" x 13".

Electrical

- cETLus listed under UL 1598 standard.
- Emergency ballast can be incorporated.
- Multiple quad and triple tube compact fluorescent sources are offered to facilitate optimizing the lumen output to the application requirements.
- Horizontal lampholder accepts lamps with G24q-3, GX24q-3 and GX24q-4 bases.
- Standard electronic ballast has a minimum starting temperature rating of 0°F (-18°C).

Enclosure

- Center section is flush with outer panels, eliminating the dirt and debris collection typical of suspended "baskets."
- Enclosure is securely retained via self-adjusting spring mechanism.
- Choice of center sections includes diffuse ribbed acrylic or round perforated steel with overlay.

Energy Data

Model	Input Power
26QPL	28W
26PLT	28W
32PLT	36W
42PLT	48W

1ST SofTrace recessed 1x1

Quad or triple tube CFL

1x1 SofTrace CFL 1 Lamp CFT32W		Efficiency – 81.3%				LER – 54				TER – 45					
Catalog No.	1STB126/32/42PL-D-1/1-EB	Candlepower				Light Distribution									
Test No.	28448	Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire						
S/MH	1.2	0	717	717	717	0-30	550	22.9	28.2						
Source	CFT32W	5	714	713	713	0-40	893	37.2	45.8						
Lumens	2400	10	702	702	702	0-60	1550	64.6	79.4						
Input Watts	36	15	681	683	685	0-90	1951	81.3	100.0						
Comparative yearly lighting energy cost per 1000 lumens – \$4.44 based on 3000 hrs. and \$.08 pwr KWH.		20	654	658	661	Coefficients of Utilization									
The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.		25	620	626	633	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
Photometric values based on test performed in compliance with LM-79.		30	582	592	597	pcc	80			70			50		
		35	539	548	557	pw	70	50	30	70	50	30	50	30	
		40	490	504	511	RCR									
		45	441	452	461	0	96	96	96	94	94	94	90	90	
		50	387	400	409	1	88	84	81	85	82	80	79	77	
		55	334	346	358	2	80	73	68	78	71	67	68	65	
		60	279	289	302	3	72	65	57	70	64	56	60	56	
		65	220	235	247	4	67	56	50	65	56	50	54	48	
		70	164	179	190	5	61	51	44	59	50	44	48	42	
		75	112	125	135	6	56	46	39	56	46	39	44	38	
		80	60	75	80	7	53	41	34	52	40	34	40	34	
		85	22	29	36	8	48	38	30	47	38	30	36	30	
						9	46	34	28	45	34	28	34	28	
						10	42	33	26	41	32	26	30	26	

1x1 SofTrace CFL 1 Lamp CFT42W		Efficiency – 81.0%				LER – 55				TER – 46					
Catalog No.	1STB126/32/42PL-D-1/1-EB	Candlepower				Light Distribution									
Test No.	28449	Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire						
S/MH	1.2	0	955	955	955	0-30	731	22.8	28.2						
Source	CFT42W	5	948	950	951	0-40	1186	37.1	45.8						
Lumens	3200	10	932	935	938	0-60	2058	64.3	79.4						
Input Watts	46	15	905	911	915	0-90	2591	81.0	100.0						
Comparative yearly lighting energy cost per 1000 lumens – \$4.36 based on 3000 hrs. and \$.08 pwr KWH.		20	868	877	883	Coefficients of Utilization									
The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.		25	822	834	843	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
Photometric values based on test performed in compliance with LM-79.		30	772	783	794	pcc	80			70			50		
		35	712	727	741	pw	70	50	30	70	50	30	50	30	
		40	650	667	682	RCR									
		45	586	601	615	0	95	95	95	93	93	93	90	90	
		50	515	527	549	1	88	83	81	85	81	79	79	76	
		55	443	457	473	2	80	72	68	78	71	67	68	65	
		60	368	387	402	3	72	65	57	70	63	56	60	56	
		65	294	312	329	4	67	56	50	65	56	50	54	47	
		70	218	237	256	5	61	51	44	59	50	42	48	42	
		75	148	169	179	6	56	46	39	55	45	39	44	38	
		80	80	99	109	7	53	41	34	51	40	34	40	34	
		85	31	41	46	8	48	38	30	47	38	30	36	30	
						9	46	34	28	45	34	28	34	28	
						10	42	32	26	41	32	26	30	26	



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

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