

Quality lighting without compromise

SofTrace, a state of the art lighting solution

PHILIPS
Day-Brite

PHILIPS
CFI

Quality lighting without

Fresh streamlined profile

MARKETABLE

- Clean crisp detailing and textural highlights contribute to the **architectural design**.
- Glowing center panel and swept back contouring sides create a fluid appearance with **soft illumination across the face of the luminaire**.
- Profile creates visual interest and **presence without intruding below the ceiling plane**.
- All of the enclosure options create the illusion of a center panel, but as a direct only luminaire, there is no dropped basket to collect dust or debris.

Versatility with continuity of design

VERSATILE

- 1x4, 2x2, and 2x4 models are available in both static and air handling configurations.
- **Multiple aesthetic treatments** are offered for maximum application flexibility.
- 1x1 models are available with **CFL or LED** sources.
- 6" wide models compatible with the Armstrong Techzone™ ceiling system are available with T5 or T5HO sources.

Enclosure Center Section Options



Diffuse Ribbed Acrylic



Diffuse Smooth Acrylic

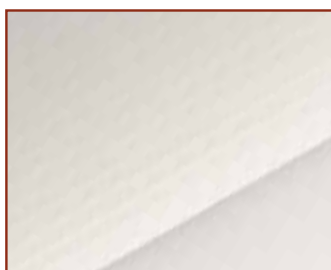


Perforated Metal
w/White Overlay



Radial Louver
w/White Overlay

Ribbed Side Panel Option



1x1



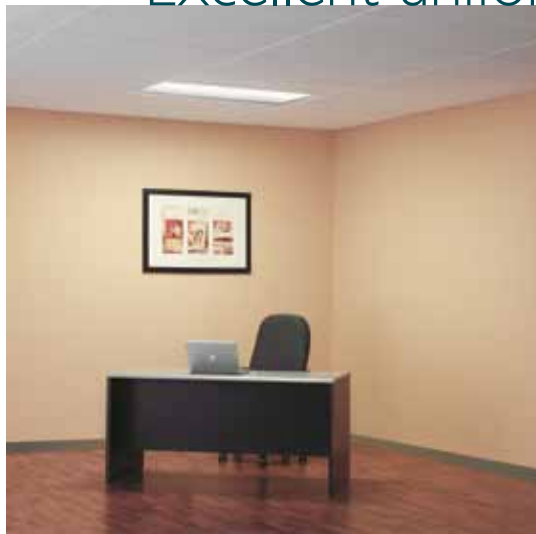
6"

compromise

Excellent uniformity and visual comfort



3-Lamp Parabolic



2-Lamp SofTrace

FUNCTIONAL

- First luminaire of its kind to offer a concealed lamp center panel with **efficiency in excess of 95%**.
- Remarkable efficiency values across all lamp types - T8, T5, T5HO or CF.
- Leading edge performance with total **luminaire efficacy as high as 87 lumens per Watt**.
- Uniform distribution of light on the workplane creates **natural, visually comfortable lighting**.
- Supplemental **controlled lighting in the upper vertical spaces** creates a soft comfortable working environment, alleviating harsh shadows associated with "cave effect".

Outstanding energy efficiency

SUSTAINABLE

- Efficient luminaires and electric systems provide **major energy reductions** over the life cycle of the system.
- Very high luminaire efficacy creates **energy savings in excess of 30%** compared to standard parabolics.
- Recommended lighting levels can be achieved utilizing **energy densities as low as 0.5 W/sq. ft. (diffuse) or 0.6 W/sq. ft. (perf.)**.
- A wide variety of ballast factor options and stepped or continuous dimming are available to take advantage of even more energy savings.
- Sustainable design cuts operating and maintenance costs while boosting employee productivity and job satisfaction.



Reasonable costs and huge savings

ATTAINABLE

- High performance architectural products are no longer limited to large budget applications.
- Reasonable initial costs allow more projects to realize the huge life cycle benefits and their associated savings.
- **Made in the USA** for quick availability and special requirement flexibility.
- New York City and Chicago Plenum models available.



Quick and easy installation

MAINTAINABLE

- One piece enclosure is secured by spring loaded latches to provide quick, simple access from below.
- Hinged enclosure hangs captive to keep hands free for relamping.
- Lamps and ballast are **easily accessible from the room side with no tools required.**
- Flush center section **prevents the debris accumulation** allowed by suspended panels.
- Models **available for all standard ceiling configurations**, including factory installed flange for hard ceilings.

Product Availability

Size	Ceiling Availability	Number of Lamps	Lamp Type	Center Diffuser Availability	Side Diffuser Availability	Height in. (mm)
1'x1'	B	1 LED	26QPL, 26PLT, 32PLT, 42PLT 3500K/80CRI, 4300K/70CRI	D, PMW	std.	5-5/8" (143)
6"x4'	G, T	1	28, 54HO	D	std.	4-13/16" (123) grid 5" (127) screwslot
1'x4'	G, F, Z*	1 2	28, 32, 54HO 28	D, PMW	std.	4-3/8" (111)
2'x2'	G, F, Z*	2**	14, 17, 24HO, CF40, CF50, CF55	D, DS, PMW, WO	std., RIB	4-3/8" (111)
2'x4'	G, F, Z*	2**	28, 32, 54HO	D, DS, PMW, WO	std., RIB	4-3/8" (111)

*Screw slot ceiling configuration available in air handling models.

**Consult factory for 1 or 3-lamp requirements.

SOFTTRACE STATIC (see spec. sheets online for ordering info. on the other SoftTrace units)

SAMPLE CATALOG NUMBER: 2STG232-D-UNV-1/2-EBL-LPT835HL

WIDTH	CEILING TYPE	LAMP TYPE/ WATTAGE	BALLAST	VOLTAGE	OPTIONS
1 - 1' 2 - 2'	G - Grid F - Flange Z - Z Spline/ Modular	14 - 14wT5 (22") 17 - 17wT8 (24") 24HO - 24wT5HO (22") 28 - 28wT5 (46") 32 - 32wT8 (48") 54HO - 54wT5HO (46") CF40 - 40wT5 (24") CF50 - 50wT5 (24") CF55 - 55wT5 (24")	1/1 - One 1-lamp ballast 1/2 - One 2-lamp ballast	120 277 347 UNV - Universal Voltage, 120-277 volt	CM - Canadian Market CC - Custom Color F1 - 3/8" flex, 3 wire 18 gauge F2 - 3/8" flex, 4 wire 18 gauge E1 - DEB-1 emerg. ballast, T8 lamps, 350-450 lumens E7 - DEB-7 emerg. ballast, T8 lamps, 600-700 lumens E5 - DEB-5 emerg. ballast, T8 lamps 1100-1400 lumens E7LP - DEB-7LP emerg. ballast T5/T5HO, 430-700 lumens E6LP - DEB-6LP emerg. ballast, T5/T5HO lamps, 750-1325 lumens GLR# - Fusing, fast blow (# = number of ballasts) LPT730 - Installed T8 lamps, 70+ CRI, 3000K LPT735 - Installed T8 lamps, 70+ CRI, 3500K LPT741 - Installed T8 lamps, 70+ CRI, 4100K LPT830HL - Installed T8 hi lumen lamps, 80+ CRI, 3000K LPT835HL - Installed T8 hi lumen lamps, 80+ CRI, 3500K LPT841HL - Installed T8 hi lumen lamps, 80+ CRI, 4100K LPT830 - Installed T8/T5/T5HO lamps, 80+ CRI, 3000K LPT835 - Installed T8/T5/T5HO lamps, 80+ CRI, 3500K LPT841 - Installed T8/T5/T5HO lamps, 80+ CRI, 4100K PAF - Housing painted after fabrication RIB - Ribbed side diffusers
FAMILY	NO. OF LAMPS	DIFFUSERS	BALLAST TYPE		
ST - SoftTrace STCP - Chicago Plenum Model NYCST - New York City Model	(not included) 1 2	D - Diffuse (Ribbed) DS - Diffuse (Smooth) PMW - Round Perf. w/ white overlay WO - Radial louver w/white overlay	EB95 - T5 Electronic ballast, .95 ballast factor EB115 - T5 Electronic ballast, 1.15 ballast factor EBSD95 - T5 Electronic step dimming ballast, .95 ballast factor EBSD115 - T5 Electronic step dimming ballast, 1.15 ballast factor EBSD80 - 54wT5HO Electronic step dimming ballast, .80 ballast factor EBD - T5/T5HO/T8/CF electronic dimming ballast EB - T5/T5HO/T8/CF electronic ballast, std. ballast factor EBL - T8 Electronic ballast, low ballast factor EBH - T8 Electronic ballast, hi ballast factor EB10I - T8 Electronic ballast, <10% THD, instant start EB10R - T8 Electronic ballast, <10% THD, program rapid start EBSD - T8 Electronic step dimming ballast EBHE - T8 Electronic ballast, high efficiency, std. ballast factor		



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