



Photometric Data

LTL#: 09678

CAT#: S 132 UV ISI E(S) 835

Zonal Lumen Summary

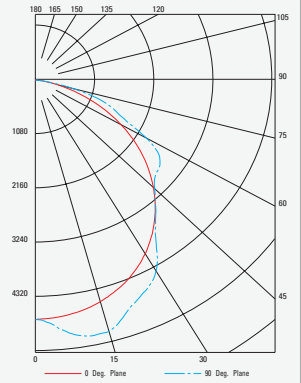
ZONE	LUMENS	%LAMP	%FIXT
0-30	805	28.2	29.8
0-40	1303	45.7	48.3
0-60	2109	74.0	78.1
0-90	2692	94.5	99.7
90-180	8	0.3	0.3
0-180	2700	94.7	100.0

Total Luminaire Efficiency: 94.7%

CIE Type: Direct

Plane: 0-Deg 90-Deg

Spacing Criteria: 1.2 1.3



S SERIES

High efficiency fluorescent Strip

A high efficiency fluorescent strip style fixture that provides an economical solution for exceptional light distribution in general areas.

Applications include: warehouses, manufacturing facilities, open construction retail, store displays, coves, aisle lighting and valances.

The S series is versatile and allows flexibility in design. With standard and custom reflectors available, the S series can be designed to distribute the light where it is needed. Other options, including emergency battery back-up and 14 gauge wire guard, further enhance the usability of this economical fixture series.

Mounting Methods

S fixtures offer flexible mounting methods that most commonly include: standard pendant and surface mounting. There are other mounting options for this fixture series, and they are listed as "hanging options" below.

Hanging Options

- Surface Mount [Mounting holes provided in the housing] (Standard)
- Chain Mount [Chain hangers are supplied with the fixture] (Standard)
- Quick Cable [QC – Quick hang cable system] (Optional)
- Slide Hanger [SH – Slide Hangers] (Optional)

Product Construction

The S fixture housing is brake formed from heavy gauge cold rolled steel. Ends and socket plates snap in place to form a rigid finished product, ends may also be riveted or screwed in place for additional strength. The housing is white with a durable, highly reflective finish.

Optical Reflector

The optional reflector system is precision brake formed of the selected aluminum material. The one piece reflector is removable without the use of tools.

Lampholders

Made of a Polycarbonate material; these locking-style lampholders are utilized to ensure positive lamp retention. Additionally, the material contributes to a longer life product in high temperature applications.

Ballasts

All ballasts are electronic programmed-start (T5HO) or instant-start (T8) as a standard. Optional ballasts are available, consult factory for available systems and system specifications. Available voltages: 120v, 277v, 347v, voltage sensing 120-277v and 347-480v.

Listings

All fixtures are UL and CUL listed.

[illegible][illegible]

*5 Consult factory for manufacturing specific ordering codes/availability.

Lamp Type Selections 17 F17T8 System 24 F24T5HO System 25 F25T8 System 32 F32T8 System 39 F39T5HO System 54 F54T5HO System	Ballast Selections HI High Ballast Factor (HBF) Electronic* LI Low Ballast Factor (LBF) Electronic* SI Standard Ballast Factor (NBF) Electronic* SI+ I.OBF Electronic* PS Programmed Start (NBF) PSL Programmed Start LBF* PSH Programmed Start HBF* PD Programmed Start Dimming SDH Step Dimming HBF (100% to 60% Dimming)* AX Daylight Harvesting Ballast with Remote Mount Photosensor* * T8 Only	Reflector Selections E Enhanced Aluminum W Highly Reflective White Aluminum W95 95% Reflective Diffuse, Bright White Reflector BLANK No Reflector	Options Selections E() Emergency Pack (# Lumens) B60 Bodine 2 Lamp Emergency Ballast (600-700 Lumens) F Inline Fuse OS () Occupancy Sensor (Specify Lamps on Low/Lamps on High) WG Wire Guard WWG White Wire Guard 20G 20 Gauge SDT Step Down Transformer (480V to 277V) U () Uplight (Specify %) GV Galvanized Finish PC Photocell	Lamp Color Selections BLANK Lamps Not Included 830 80+ CRI, 3000K 835 80+ CRI, 3500K 841 80+ CRI, 4100K 850 80+ CRI, 5000K
Voltage Selections 12 120V 27 277V 34 347V UV 120-277V HV 347-480V		Reflector Options (S) Standard (I) Industrial (WW) Wall Wash (AS) Asymmetrical (C) Custom (Accurate Drawings/Description Needed)		Lamp Options Selections HP High Performance, Long Life Lamps* A Amalgam Tip Lamps*** TG Tubeguarded Lamps SS Shattershielded Lamps ES() Energy Saver (Specify Wattage)** XL Long Life*
Hanging Selections V Caddy Chain Hangers QC Quick Hang Cable (Specify Length) QC() Quick Hang Cable (Specify Length) SH Slide Hangers				* T8 Only ** 32w T8 & 54w T5HO Only *** T5HO Only

Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
S 232 UV IHI E(S)	T8	2	74w / 73w	7,130	6,900
S 254 UV IPS E(AS)	T5HO	2	116w / 115w	10,000	9,500
ST 232 UV IHI W(I)	T8	4	148w / 145w	14,632	14,160
S 24T 132 UV I SDH WW	T8	6	221w / 215w	21,948	21,240

Specifications and dimensions subject to change without notice. Contact Philips Optimum for current availability and ordering information.

[illegible]

Project: _____