

# STANDARD STRIP HIGH / VERY HIGH OUTPUT **SD STRIP HO/VO**

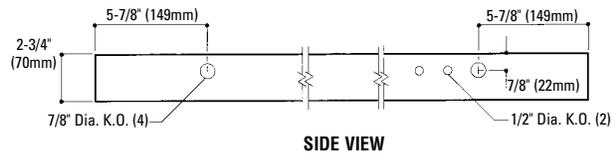
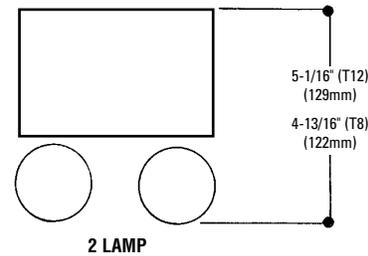
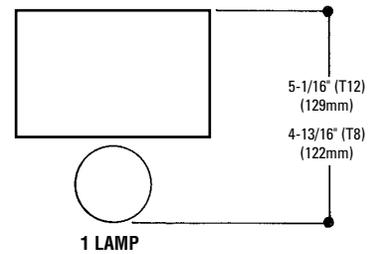
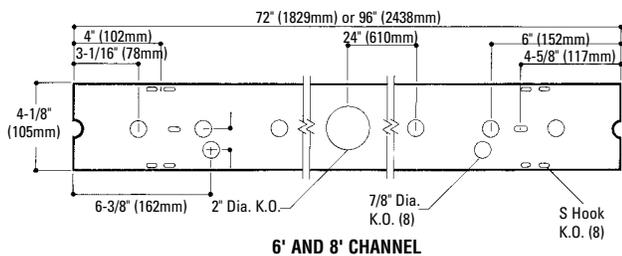
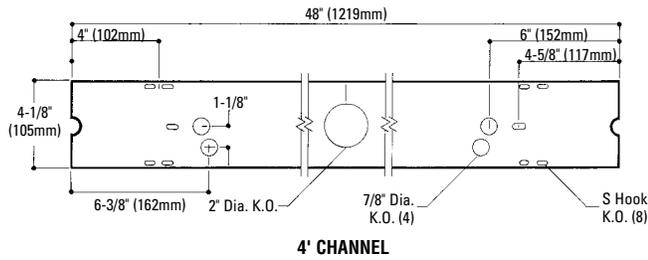
Page 1 of 2 4-1/8" WIDE x 2-3/4" DEEP x 48", 96", 192" LENGTHS, 1 OR 2 LAMP, T8 OR T12, HO OR VHO

## Features

- Fixtures suitable for individual, row, surface, or suspension mounting.
- Efficiency 92.3% (T12).
- Quarter turn latch secures channel cover for easy wireway access.
- Heavy duty channel of code gauge die formed steel.
- Fully enclosed wiring.
- UL Listed snap-on end caps.
- Combination end cap for continuous row mounting.
- Green grounding screw installed in channel.
- Lampholders may be individually replaced or rewired.
- T8 (380mA) and T12 (800mA) standard fixtures include ballasts rated for -20°F starting temperature.



## DIMENSIONS



### Job Information

### Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Volts/Ballast:**

Lightolier a Genlyte Thomas Company [www.lightolier.com](http://www.lightolier.com)  
 Technical Information: (978) 657-7600 • Fax (978) 658-0595  
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
 We reserve the right to change details of design, materials and finish.  
 © 2002 Genlyte Thomas Group LLC (Lightolier Division)  
 A0902 **Section 3A/Folio H100-50**

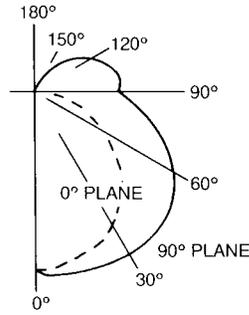
**LIGHTOLIER®**

# STANDARD STRIP HIGH / VERY HIGH OUTPUT **SD STRIP HO/VO**

Page 2 of 2 4-1/8" WIDE x 2-3/4" DEEP x 48", 96", 192" LENGTHS, 1 OR 2 LAMP, T8 OR T12, HO OR VHO

## PHOTOMETRY

REPORT NO: G13956P  
 CATALOG NO:  
 SD8S296HO120LE  
 LAMP TYPE: F96 / HO  
 LUMENS PER LAMP: 8900  
 TOTAL EFFICIENCY: 92.3%  
 CIE TYPE: SEMI-DIRECT  
 SPACING CRITERIA: 1.59  
 SHIELDING ANGLE: 180



LER = FS - 67.3 Watts - 232 BF - 0.95  
 Comparative yearly lighting energy cost per 1000 lumens = \$4.00

**coefficients of utilization — zonal cavity method** (effective floor cavity reflectance 0.20)

RF	20	50	30						
RC	80	80	30						
RW	70	50	30	50	30	10	50	30	10
1	93	88	83	88	84	80	68	66	63
2	84	75	68	79	72	65	58	54	51
3	76	65	57	71	62	54	50	46	41
4	69	57	48	65	54	46	44	39	35
5	63	50	42	59	48	40	39	34	29
6	58	45	36	55	43	35	35	30	25
7	53	40	32	50	39	31	32	26	22
8	49	37	29	47	35	28	29	24	20
9	46	33	26	44	32	25	27	21	17
10	43	31	23	41	29	22	25	19	16

## ORDERING INFORMATION Explanation of Catalog Number. Example: SD8S296HO120PGLR

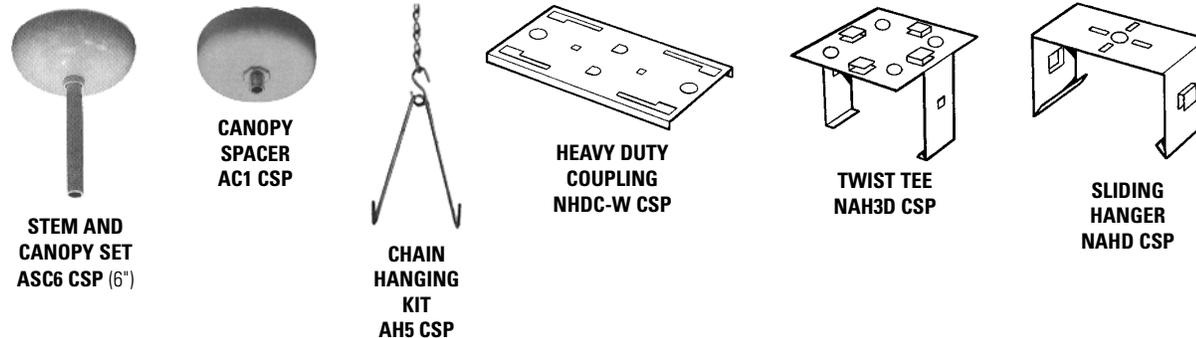
<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;"><b>SD</b></div> <p><b>STANDARD STRIP HO/VO:</b> 4-1/8" Wide Channel</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p><b>FIXTURE LENGTH:</b> 4=48" 8=96" 16=192"*** ***2-96" channels</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p><b>LAMP CONFIGURATION:</b> S=Standard T=4' or 8' Lamps in Tandem (For 8' or 16' units)</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p><b>NUMBER OF LAMPS IN WIDTH:</b> (By Others) 1=1 Lamp 2=2 Lamp</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p><b>LAMP WATTS:*</b> 48HO=60w T12, 800mA (4' Length) 86HO=86w T8, 380mA (8' Length) 96HO=110w 800mA (8' Length) 48VO=110w 1500mA (4' Length) 96VO=215w 1500mA (8' Length)</p> <p><small>*HO and VO units must be suspended a minimum of 1-1/2" from surface.</small></p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p><b>VOLTAGE:</b> 120 or 277</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p><b>BALLAST TYPE:</b> 1-1 &amp; 1-2 Lamp Mag. T12 Standard Electro-Magnetic 1-1 &amp; 1-2 Lamp Elec. T8 HO</p> <p>†20THD Instant Start</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p><b>OPTIONS:</b> Add appropriate suffix to catalog no., ie: (GLR)</p> <p><b>LE</b> <b>P</b> <b>SD†</b></p>
--	--	---	---	--	---	--	--

## OPTIONS & ACCESSORIES

**FUSING:** Internal fast-blow fusing. SUFFIX: **GLR**.  
 Internal slow-blow fusing. SUFFIX: **GMF**.  
**FLUORESCENT EMERGENCY LIGHTING SYSTEM:** Factory-installed emergency power battery pack with charger and inverter. SUFFIX: **EM**.

**STEM AND CANOPY SETS:** Suspends fixture 6", 12", 18" or 24" from surface. (Four per fixture is recommended.) Catalog Number: **ASC6 CSP** (6"), **ASC12 CSP** (12"), **ASC18 CSP** (18"), **ASC24 CSP** (24")  
**CANOPY SPACER:** Suspends fixture 1-1/2" from surface. Order Catalog Number: **AC1 CSP**.  
**GROUNDING CONVENIENCE OUTLET:** 120 volt only. SUFFIX: **CO**.

**4' WIRE GUARD (WHITE):** Specify two for 96" fixtures. Catalog Number: **AWG3W CSP**.  
**CHAIN HANGING KIT:** Includes two 5' heavy duty link chains with sturdy "V" hooks for fixture suspension. Catalog Number: **AH5 CSP**.  
**TWIST TEE:** For exposed T-bar mounting, 1-7/8" deep channel. Catalog Number: **NAH3D CSP**.  
**HEAVY DUTY COUPLER:** Catalog Number: **NHDC-W CSP**.  
**SLIDING HANGER:** Catalog Number: **NAHD CSP**.



## SPECIFICATIONS

**MATERIALS:** Chassis parts are die-formed heavy gauge cold rolled steel, 4-1/8" channel width.  
**BALLAST COVER:** Code gauge steel secured with quarter turn latch.  
**FINISH:** Chassis exterior-phosphate undercoating, baked white polyester enamel.  
**ELECTRICAL:** Thermally protected class "P" ballast C.B.M. approved, non-PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.  
**Important - High Output (HO) and Very High Output (VO) fixtures must be suspended a minimum of 1-1/2" from surface.**  
**LABELS:** I.B.E.W./UL and cUL Listed.

## Job Information Type:

**Lightolier** a Genlyte Thomas Company [www.lightolier.com](http://www.lightolier.com)  
 Technical Information: (978) 657-7600 • Fax (978) 658-0595  
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
 We reserve the right to change details of design, materials and finish.  
 © 2002 Genlyte Thomas Group LLC (Lightolier Division)  
 A0902 **Section 3A/Folio H100-50**

**LIGHTOLIER**