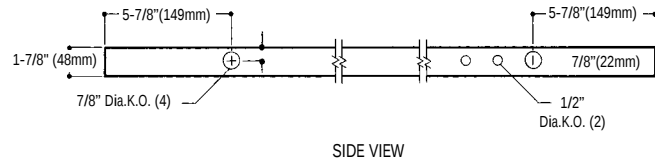
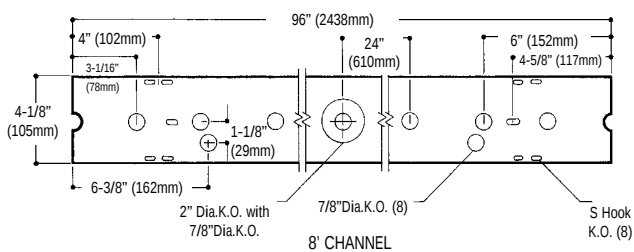
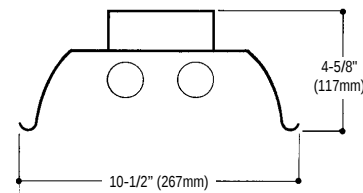
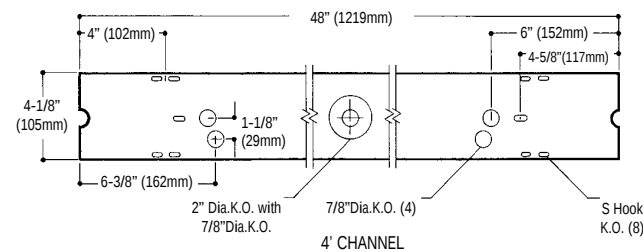


Features

- Reflectors are embossed for rigidity.
- Reflector sides are turned up for rigidity and safe handling.
- Solid top reflector, standard.
- 10% aperture reflector, optional.
- Reflectors easily installed with quarter turn fasteners. No tools required.
- 4-1/8" wide heavy duty channel of code gauge die-formed steel.
- Combination end cap/coupler requires no tools for installation.
- Suitable for individual or row mounting.
- Fully enclosed wiring.
- Multiple knockouts for convenient installation.
- Optional hangers, wire guards and aligners.
- Optional heavy duty coupling.



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte Thomas Company

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.

Copyright 2002 Lightolier

Section 7/Folio Q70-40

LIGHTOLIER®



Photometry

Report No: G42321

Catalog No:

KW4S232120SO

Lamp Type: 2F32T8

Lumens Per Lamp: 2900

Total Efficiency: 86.6%

CIE Type: Direct

Spacing Criteria: 1.5

Shielding Angle: 180

Model No. KW4S232120SO

LER = FI - 76.5 IW - 58 BF - 0.88

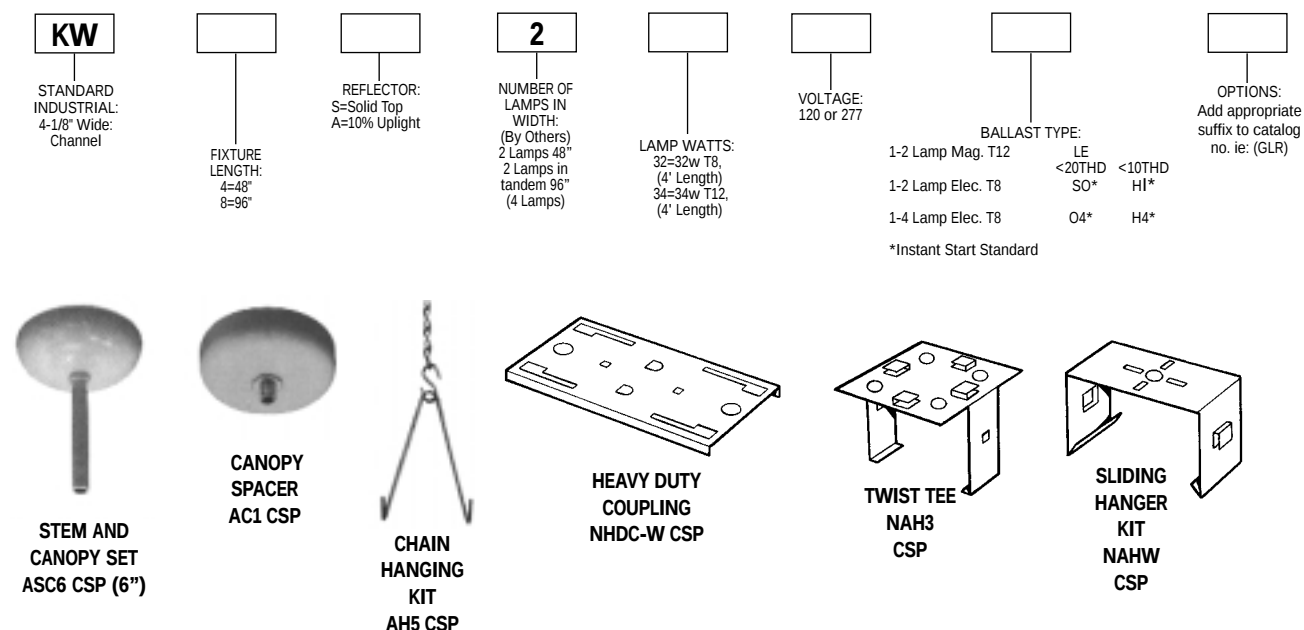
Comparative yearly lighting energy cost per 1000 lumens = \$3.14

coefficients of utilization- zonal cavity method

	RF	20			50			30		
		80			80			30		
		RW			50			50		
		70	50	30	50	30	10	50	30	10
room cavity method	1	93	88	84	81	78	76	78	75	73
	2	83	76	69	70	65	61	67	63	59
	3	75	65	58	61	55	50	58	53	48
	4	68	57	49	53	47	42	51	45	41
	5	63	51	42	47	41	35	45	39	35
	6	58	45	37	42	36	31	41	35	30
	7	53	41	33	38	32	27	37	31	26
	8	49	37	29	35	28	24	34	28	23
	9	46	34	27	32	26	21	31	25	21
	10	43	31	24	30	23	19	29	23	19

Ordering Information

Explanation of Catalog Number. Example: KW4S232120SOGRL



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 fixtures 6", 12", 18" or 24" from surface. Catalog Number: **ASC6 CSP** (6"), **ASC12 CSP** (12"), **ASC18 CSP** (18"), **ASC24 CSP** (24").

Canopy Spacer: Suspends fixture 1-1/2" from surface. Catalog Number: **AC1 CSP**.

4' Wire Guard (White): Specify two for 96" fixtures.

Catalog Number: **AWG4W CSP**.

Reflector Row Aligners: Two aligners are included with all 96" fixtures. For continuous row installations, specify two additional bulk-packed aligners per reflector joint. Catalog Number: **KNA**.

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: **NAH3 CSP**.

Heavy Duty Coupler: Catalog Number: **NHDC-W CSP**.

Specifications

Materials: Chassis parts are die-formed heavy gauge cold rolled steel, 4-1/8" channel width.

Specifications (continued)

Reflector: Heavy duty die-formed with deep lateral embossments and return edges for additional stability and uniformity and two quick release quarter turn fasteners for attachment to housing.

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°.

Labels: I.B.E.W./UL and C-UL.

Job Information

Type:

Lightolier a Genlyte Thomas Company

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.

Copyright 2002 Lightolier

Section 7/Folio Q70-40