

CEILING CUTOUT: 5 3/16" (131.8 MM) x 9 11/16" (246.1 MM) W/O INSERT  
 5 1/4" (133.4 MM) x 9 3/4" (247.7 MM) W/ INSERT

CUTOUT TOLERANCE: + 1/8" (3.2 MM) - 0

**Note: Complete unit consists of Reflector Trim, Frame and Gear Harness.**

Trim Kits		Frame and Gear Harness				
Reflector Trims	Finish / Flange	Frame	Gear Harness	Ballast	Input Voltage	Lamping
4X9CLW	Specular Clear / White	4X9HEXP	MBKFEU26 MBKFEU26-42 MLHACFL26-42	Electronic Electronic Not Included	198-254V 198-254V n/a	TC-DEL / TC-TEL 26W TC-DEL 26W / TC-TEL 26-42W TC-DEL 26W / TC-TEL 26-42W GX24q-4 Base
4X9CLP	Specular Clear / Polished					
4X9CCLW	Comfort Clear / White					
4X9CCLP	Comfort Clear / Polished					
4X9CCDW	Comfort Clear Diff. / White					
4X9CCDP	Comfort Clear Diff. / Polished					
4X9CCGP	Clear Corrugated / Self Flange					
4X9WHW	White / White					

### Features

- Reflector Trim:** Pre-finished aluminum with low iridescence clear finish. 55° visual and reflected cutoff. Overlap flange accommodates different ceiling types. Precision mitered flange corners.
- Upper Reflector:** High efficiency, 97%, Specular Clear.
- Housing:** 22 ga. galvanized formed steel. Centerline notches and holes for consistent alignment of multiple fixtures. Accommodates ceilings up to 38mm (1 1/2") thick.
- Gear Harness Assembly:** Integral lamp holder and wire assembly; Removable from below via two finger nuts to access ballast/gear equipment. Available with and without ballast (see catalog numbers above). SOLD SEPARATELY.
- Torsionite Springs:** Precision-tooled steel springs secure reflector trim to housing for quick tool-less installation. Positive tension holds flange tight against ceiling.
- Finger Spring Assembly:** Spring loaded notched track style mechanism allows rapid installation on each side of the luminaire with one finger for most applications.
- Insert:** Reinforcement bracket assembly; Prevents damage to ceiling or ceiling tile from forces due to spring load/foot stop interaction. Designed to accommodate 16mm (5/8") or 19mm (3/4") thick ceilings. Insert is REQUIRED for grid ceiling systems and optional for plaster or gypsum ceilings. Catalog Number: 4X9INSERT

### Options & Accessories

**4X9INSERT:** Reinforcement bracket; Required for grid ceilings, optional for plaster and gypsum ceilings

### Certifications and Ratings

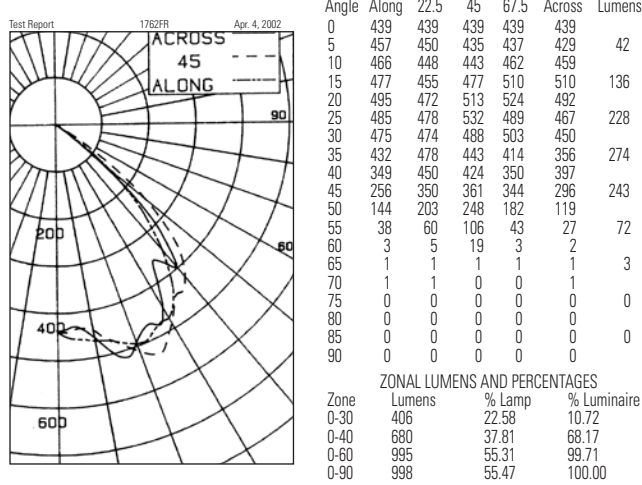


Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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.  
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### 26W Quad Tube, Specular Clear Reflector Trim

One Sylvania lamp, 1800 lumens

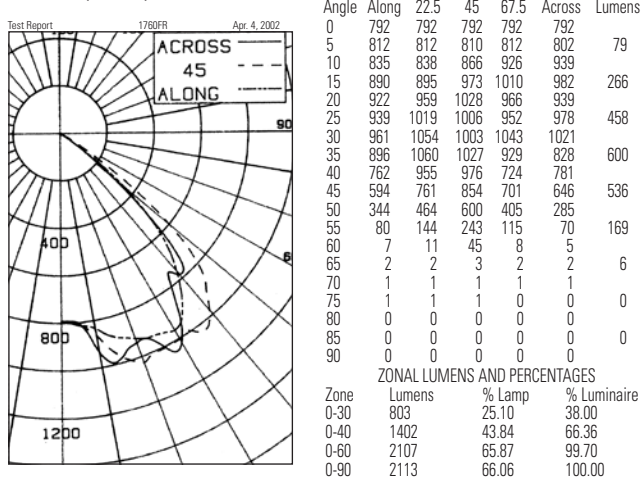


EFFICIENCY = 55.5% Spacing Criterion: Along = 1.5 Across = 1.3

CU	% Effective Ceiling Cavity Reflectance															
	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.61	.60	.58	.60	.59	.57	.58	.56	.56	.55	.55	.54	.54	.53	.52	.51
2	.56	.54	.52	.55	.53	.51	.54	.52	.50	.52	.51	.49	.50	.49	.48	.47
3	.52	.49	.46	.51	.48	.46	.50	.47	.45	.48	.46	.45	.47	.45	.44	.43
4	.48	.44	.42	.47	.44	.41	.46	.43	.41	.45	.42	.41	.44	.42	.40	.39
5	.44	.40	.38	.43	.40	.37	.42	.39	.37	.41	.39	.37	.40	.38	.36	.35
6	.40	.36	.34	.40	.36	.34	.39	.36	.33	.38	.35	.33	.37	.35	.33	.32
7	.37	.33	.30	.36	.32	.30	.35	.32	.30	.35	.32	.29	.34	.31	.29	.28
8	.33	.29	.27	.33	.29	.27	.32	.29	.26	.32	.29	.26	.31	.28	.26	.25
9	.30	.26	.24	.30	.26	.24	.29	.26	.23	.29	.26	.23	.28	.25	.23	.22
10	.27	.24	.21	.27	.24	.21	.27	.23	.21	.26	.23	.21	.26	.23	.21	.20

### 42W Triple Tube, Specular Clear Reflector Trim

One Philips lamp, 3200 lumens

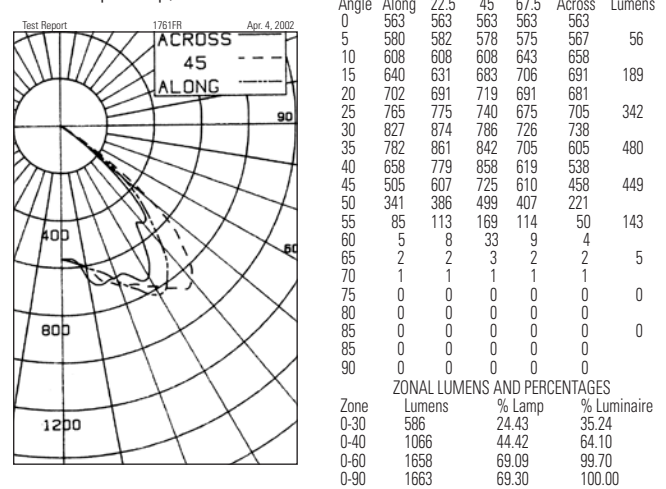


EFFICIENCY = 66.1% Spacing Criterion: Along = 1.6 Across = 1.5

CU	% Effective Ceiling Cavity Reflectance															
	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.72	.71	.69	.71	.69	.68	.68	.67	.66	.66	.65	.64	.64	.63	.62	.61
2	.67	.64	.61	.66	.63	.61	.63	.61	.59	.62	.60	.58	.60	.58	.57	.56
3	.61	.58	.55	.60	.57	.54	.59	.56	.53	.57	.55	.52	.55	.53	.52	.51
4	.56	.52	.49	.56	.52	.49	.54	.51	.48	.53	.50	.48	.51	.49	.47	.46
5	.52	.47	.44	.51	.47	.44	.50	.46	.43	.48	.45	.43	.47	.45	.42	.41
6	.47	.42	.39	.46	.42	.39	.45	.42	.39	.44	.41	.38	.43	.40	.38	.37
7	.43	.38	.35	.42	.38	.34	.41	.37	.34	.40	.37	.34	.39	.36	.34	.33
8	.39	.34	.30	.38	.34	.30	.37	.33	.30	.37	.33	.30	.36	.32	.30	.29
9	.35	.30	.27	.35	.30	.27	.34	.30	.27	.33	.29	.26	.32	.29	.26	.25
10	.32	.27	.24	.31	.27	.24	.31	.26	.23	.30	.26	.23	.29	.26	.23	.22

### 32W Triple Tube, Specular Clear Reflector Trim

One Philips lamp, 2400 lumens

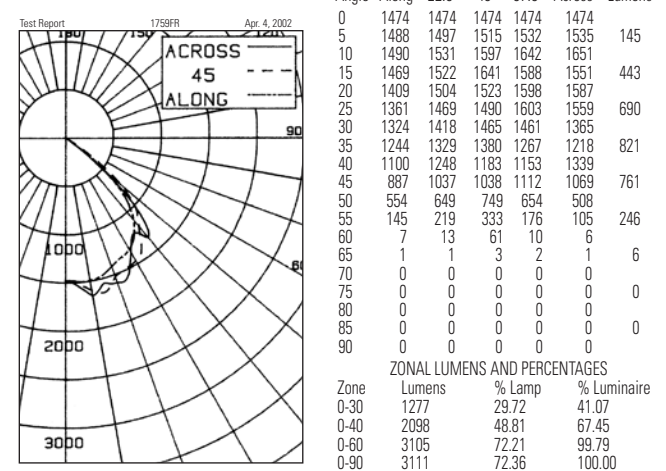


EFFICIENCY = 69.3% Spacing Criterion: Along = 1.7 Across = 1.5

CU	% Effective Ceiling Cavity Reflectance															
	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.76	.74	.72	.75	.73	.71	.72	.70	.69	.69	.68	.67	.67	.66	.65	.64
2	.70	.67	.64	.69	.66	.63	.66	.64	.62	.64	.62	.61	.62	.61	.59	.58
3	.64	.60	.57	.63	.59	.56	.61	.58	.55	.59	.57	.54	.58	.56	.54	.52
4	.59	.54	.51	.58	.54	.50	.56	.53	.55	.55	.52	.49	.53	.51	.49	.47
5	.53	.49	.45	.53	.48	.45	.51	.47	.44	.50	.47	.44	.49	.46	.44	.42
6	.49	.44	.40	.48	.43	.40	.47	.43	.40	.46	.42	.39	.45	.41	.39	.38
7	.44	.39	.35	.43	.38	.35	.42	.38	.35	.41	.37	.34	.40	.37	.34	.33
8	.39	.34	.31	.39	.34	.31	.38	.34	.31	.37	.33	.30	.37	.33	.30	.29
9	.36	.30	.27	.35	.30	.27	.34	.30	.27	.34	.29	.26	.33	.29	.26	.25
10	.32	.27	.23	.31	.27	.23	.31	.26	.23	.30	.26	.23	.30	.26	.23	.22

### 57W Triple Tube, Specular Clear Reflector Trim

One Sylvania lamp, 4300 lumens



EFFICIENCY = 72.4% Spacing Criterion: Along = 1.3 Across = 1.3

CU	% Effective Ceiling Cavity Reflectance															
	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.79	.78	.76	.78	.76	.75	.75	.74	.72	.72	.71	.70	.70	.69	.68	.67
2	.73	.70	.68	.72	.69	.67	.70	.67	.65	.68	.66	.64	.66	.64	.63	.61
3	.67	.64	.60	.66	.63	.60	.65	.61	.59	.63	.60	.58	.61	.59	.57	.56
4	.62	.58	.54	.61	.57	.54	.60	.56	.53	.58	.55	.53	.57	.54	.52	.51
5	.57	.52	.49	.56	.52	.49	.55	.51	.48	.54	.50	.48	.53	.50	.47	.46
6	.52	.47	.44	.52	.47	.44	.51	.47	.43	.50	.46	.43	.49	.45	.43	.42
7	.48	.43	.39	.47	.42	.39	.46	.42	.39	.45	.41	.38	.44	.41	.38	.37
8	.43	.38	.35	.43	.38	.35	.42	.38	.35	.42	.38	.35	.41	.37	.34	.33
9	.40	.34	.31	.39	.34	.31	.38	.34	.31	.38	.33	.31	.37	.33	.30	.29
10	.36	.31	.27	.36	.31	.27	.35	.30	.27	.34	.30	.27	.34	.30	.27	.26