

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
9X9CLW	Specular Clear / White	9X9HEXP	MBKFEU226 MBKFEU226-42 MLHACFL226-42	Electronic	198-254V	2 X 26W TC-DEL / TC-TEL
9X9CLP	Specular Clear / Polished			Electronic	198-254V	2 X 26W TC-DEL / 2 X 26-42W TC-TEL
9X9CCLW	Comfort Clear / White			Not Included	n/a	2 X 26W TC-DEL / 2 X 26-42W TC-TEL
9X9CCPL	Comfort Clear / Polished					GX24q-4 Base
9X9CCDW	Comfort Clear Diff. / White					
9X9CCDP	Comfort Clear Diff. / Polished					
9X9CCGP	Clear Corrugated / Self Flange					
9X9WHW	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: 9X9INSERT

Options & Accessories

9X9INSERT: Reinforcement bracket; Required for grid ceilings, optional for plaster and gypsum ceilings

Certifications and Ratings



Job Information

Type:

Job Name:

Cat. No.:

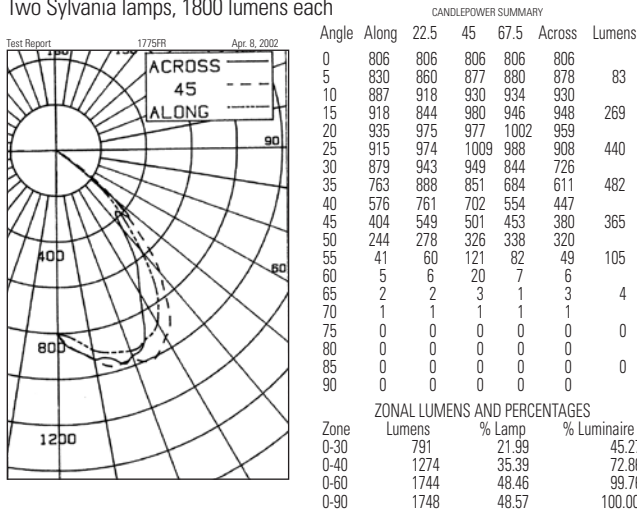
Lamp(s):

Notes:

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26W Quad Tube, Specular Clear Reflector Trim

Two Sylvania lamps, 1800 lumens each



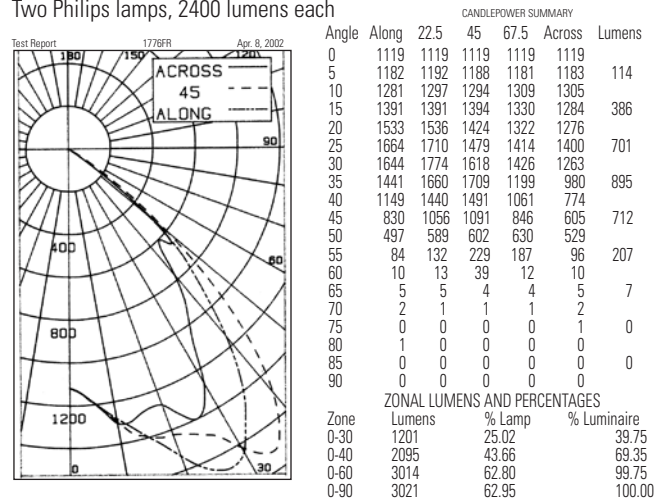
Efficiency = 48.6% Spacing Criterion: Along = 1.4 Across = 1.3

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

20% Floor Cavity Reflectance

32W Quad Tube, Specular Clear Reflector Trim

Two Philips lamps, 2400 lumens each



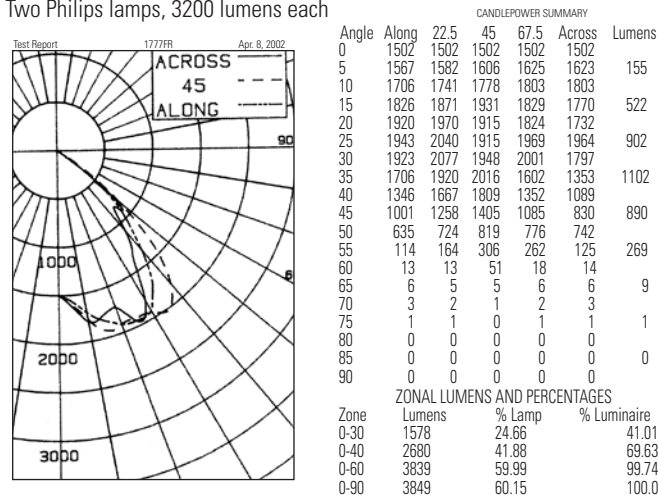
Efficiency = 63.0% Spacing Criterion: Along = 1.6 Across = 1.4

CU	% Effective Ceiling Cavity Reflectance															
	80		70		50		30		10		0					
1	.69	.67	.66	.68	.66	.65	.65	.64	.63	.63	.62	.61	.61	.60	.59	.58
2	.64	.61	.59	.63	.60	.58	.61	.59	.57	.59	.57	.56	.57	.56	.54	.53
3	.59	.55	.52	.58	.55	.52	.56	.53	.51	.55	.52	.50	.53	.51	.50	.49
4	.54	.50	.47	.53	.50	.47	.52	.49	.46	.51	.48	.46	.49	.47	.45	.44
5	.50	.45	.42	.49	.45	.42	.48	.44	.42	.47	.44	.41	.46	.43	.41	.40
6	.45	.41	.38	.45	.41	.38	.44	.40	.38	.43	.40	.37	.42	.39	.37	.36
7	.41	.37	.34	.41	.37	.33	.40	.36	.33	.39	.36	.33	.38	.35	.33	.32
8	.37	.33	.30	.37	.33	.30	.36	.32	.30	.36	.32	.29	.35	.32	.29	.28
9	.34	.29	.26	.34	.29	.26	.33	.29	.26	.32	.29	.26	.32	.28	.26	.25
10	.31	.26	.23	.30	.26	.23	.30	.26	.23	.29	.26	.23	.29	.25	.23	.22

20% Floor Cavity Reflectance

42W Quad Tube, Specular Clear Reflector Trim

Two Philips lamps, 3200 lumens each



Efficiency = 60.1% Spacing Criterion: Along = 1.5 Across = 1.4

CU	% Effective Ceiling Cavity Reflectance															
	80		70		50		30		10		0					
1	.66	.64	.63	.65	.63	.62	.62	.61	.60	.60	.59	.58	.58	.57	.57	.56
2	.61	.59	.56	.60	.58	.56	.58	.56	.54	.56	.55	.53	.55	.53	.52	.51
3	.56	.53	.50	.55	.52	.50	.54	.51	.49	.52	.50	.48	.51	.49	.48	.47
4	.52	.48	.45	.51	.48	.45	.50	.47	.45	.49	.46	.44	.47	.45	.43	.42
5	.48	.44	.41	.47	.43	.41	.46	.43	.40	.45	.42	.40	.44	.41	.39	.38
6	.44	.40	.37	.43	.39	.36	.42	.39	.36	.41	.38	.36	.40	.38	.36	.35
7	.40	.35	.33	.39	.35	.32	.38	.35	.32	.38	.34	.32	.37	.34	.32	.31
8	.36	.32	.29	.36	.32	.29	.35	.31	.29	.34	.31	.29	.34	.31	.28	.27
9	.33	.29	.26	.32	.28	.26	.32	.28	.26	.31	.28	.25	.31	.28	.25	.24
10	.30	.26	.23	.29	.26	.23	.29	.25	.23	.28	.25	.23	.28	.25	.22	.22

20% Floor Cavity Reflectance

Based on specular clear (CL) finish. To estimate other finishes, multiply candelas and CU values by 0.95 for CCL, by 0.90 for CCD.

Job Information Type:

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