

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
4X4CLW	Specular Clear / White	4X4HEXP	MBKFEU26	Electronic	198-254V	TC-DEL / TC-TEL 26W
4X4CLP	Specular Clear / Polished					
4X4CCLW	Comfort Clear / White					
4X4CCLP	Comfort Clear / Polished					
4X4CCDW	Comfort Clear Diff. / White					
4X4CCDP	Comfort Clear Diff. / Polished					
4X4CCGP	Clear Corrugated / Self Flange					
4X4WHW	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: 4X4INSERT

Options & Accessories

4X4INSERT: Reinforcement bracket; Required for grid ceilings, optional for plaster and gypsum ceilings

Certifications and Ratings

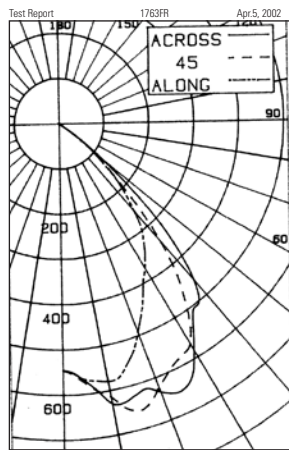


Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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26W Triple Tube, Specular Clear Reflector Trim

One Philips lamp, 1800 lumens

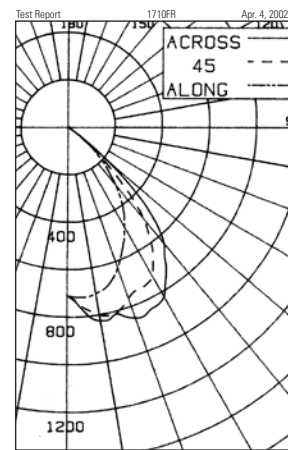


CANDLEPOWER SUMMARY						
Angle	Along	22.5	45	67.5	Across	Lumens
0	546	546	546	546	546	
5	569	576	577	573	572	55
10	580	592	616	644	631	
15	552	575	659	651	623	173
20	492	540	623	663	635	
25	428	486	588	676	647	263
30	373	428	567	642	584	
35	320	370	472	515	508	277
40	254	299	342	407	456	
45	179	198	189	272	302	176
50	95	107	98	116	123	
55	14	23	32	29	20	36
60	2	2	4	2	2	
65	1	0	0	1	1	1
70	0	0	0	0	0	
75	0	0	0	0	0	0
80	0	0	0	0	0	
85	0	0	0	0	0	0
90	0	0	0	0	0	

ZONAL LUMENS AND PERCENTAGES			
Zone	Lumens	% Lamp	% Luminaire
0-30	491	27.29	50.06
0-40	768	42.69	78.31
0-60	980	54.47	99.91
0-90	981	54.52	100.00

32W Triple Tube, Specular Clear Reflector Trim

One Philips lamp, 2400 lumens



CANDLEPOWER SUMMARY						
Angle	Along	22.5	45	67.5	Across	Lumens
0	712	712	712	712	712	
5	721	735	761	772	773	72
10	710	745	803	840	828	
15	685	727	808	835	812	220
20	629	678	765	849	855	
25	557	611	745	853	844	336
30	485	560	724	834	823	
35	408	493	629	718	732	374
40	313	392	500	574	636	
45	220	258	297	404	472	252
50	123	136	141	199	224	
55	18	31	47	53	38	55
60	2	3	7	5	4	
65	1	2	1	2	2	2
70	1	1	1	1	1	
75	0	0	0	0	0	0
80	0	0	0	0	0	
85	0	0	0	0	0	0
90	0	0	0	0	0	

ZONAL LUMENS AND PERCENTAGES			
Zone	Lumens	% Lamp	% Luminaire
0-30	628	26.18	47.89
0-40	1002	41.77	76.42
0-60	1309	54.56	99.82
0-90	1311	54.66	100.00

EFFICIENCY = 54.5% Spacing Criterion: Along = 1.1 Across = 1.4

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

20% Floor Cavity Reflectance

EFFICIENCY = 54.7% Spacing Criterion: Along = 1.1 Across = 1.5

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

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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