



COEFFICIENTS OF UTILIZATION
ZONAL CAVITY METHOD
2 LAMP

pfc	20					
pcc	70	50	10			
pw	30	10	30	10	30	10
PCR						
1	.67	.64	.62	.60	.55	.54
2	.55	.51	.52	.49	.47	.44
3	.47	.43	.45	.41	.40	.37
4	.41	.36	.39	.35	.35	.32
5	.35	.30	.33	.29	.25	.27
6	.31	.26	.29	.25	.27	.23
7	.27	.23	.26	.22	.24	.20
8	.24	.20	.23	.19	.21	.18
9	.21	.17	.20	.16	.18	.15
10	.19	.15	.18	.15	.16	.14

CANDLEPOWER DISTRIBUTION CURVE
2 LAMP

ANGLE	END	45°	CROSS
5	1200.	1200.	1200.
15	1155.	1170.	1192.
25	1020.	1060.	1120.
35	850.	935.	1020.
45	690.	810.	930.
55	520.	680.	830.
65	345.	540.	715.
75	185.	390.	585.
85	60.	250.	435.
95	30.	190.	345.
105	22.	141.	275.
115	20.	90.	188.
125	16.	45.	105.
135	15.	22.	52.
145	15.	15.	25.
155	12.	10.	12.
165	0.	0.	0.
175	0.	0.	0.

2 TUBE LUMINAIRE (SUITABLE FOR WET LOCATIONS)

THE LUMINAIRE SHALL BE COMMERCIAL TYPE WITH ONE PIECE INJECTION MOULDED HIGH IMPACT THERMOPLASTIC OR FIBERGLASS BODY WITH INTERNAL METAL WIRING COMPARTMENT, TREATED WITH A FIVE-STAGE COATING OF ZINC PHOSPHATE AND FINISHED IN HOT BONDED BAKED ENAMEL. FIXTURE SHALL ALSO HAVE THREADED SEAL FITTINGS AT TOP AND ENDS FOR MOUNTING AND ELECTRICAL FEED.

DIFFUSER SHALL BE HIGH IMPACT ACRYLIC, NOMINAL THICKNESS OF .103 INCH WITH CONTINUOUS COMPRESSIBLE NEOPRENE GASKET TO PROVIDE SEAL BETWEEN DIFFUSER AND FIXTURE BODY.

THE COEFFICIENT OF UTILIZATION SHALL NOT BE LESS THAN .33 BASED ON A CEILING REFLECTANCE OF 50%, A WALL REFLECTANCE OF 30%, A FLOOR REFLECTANCE OF 20% , AND A ROOM CAVITY OF 5. EACH UNIT SHALL BE COMPLETELY WIRED AND EQUIPPED WITH ALL AUXILIARIES. BALLAST SHALL BE HPF, ETL, 430 MA WITH U.L. AND C.B.M. LABELS. DAYBRITE VAPORLUME OR APPROVED EQUAL.

LAMPS
BALLAST

F-30

2-4-FOOT-F40 T12 CW
RAPID START
VOLTAGE AS SHOWN ON DRAWINGS