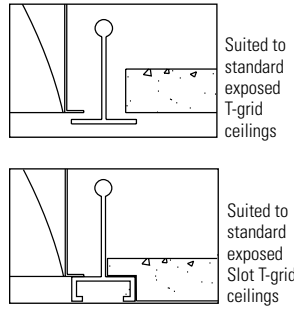


Ceiling compatibility



Ordering information

QVL	2	G	PF						
Quality Visual	Luminaire Width	Ceiling Type	Lamp Shield		Lamp Quantity	Lamp	Voltage	Ballast Type	Options
Recessed direct indirect soft light optical system	2'	G = Standard exposed T-grid ceilings	PF = Micro-perforated		2 = 2 Lamp 4 = 4 Lamp	28 = 28WT5 54 = 54WT5HO 32 = 32WT8	UNV 120 277 347	T5/T5HO PG = Electronic Linear T5/T5HO Program Start (<10% THD) T8 SO = Electronic T8 Instant Start (<20% THD) RO = Electronic T8 Rapid Start (<10% THD) HI = Electronic T8 Instant Start (<10% THD) O3 = 3 Lamp Electronic T8 Instant Start (<20% THD) H3 = 3 Lamp Electronic T8 Instant Start (<10% THD)	F = Internal Fusing (Canada) GLR = Internal Fusing (USA) FK92X4 = Drywall Kit for Plaster Frames EM = T8/T5/T5HO Emergency Lighting System (USA) O = T8 Emergency Lighting System (Canada) E = T5/T5HO Emergency Lighting System (Canada) R = Radio Interface Filter QVS-HD = Alter Hold Down Clips (Std 15/16" only) QVS24DG = 2'x4' Dust and Germ Guard
				Lamp Shield Details					
				SR = Lateral curved side lamp shield SS = Lateral wave side lamp shield					

Features

- Efficiency 58.8%
- Swing down microperforated side lamp shield for easy relamping and maintenance
- Dual-wave shape lateral lamp shields project light upwards to reflector and provide indirect light
- Fully recessed luminaire and lamp compartment
- 95% Reflective Alter soft white paint finish
- One piece body for easy installation
- Easy access to ballast through lamp compartment
- Fits standard T-Grid or drywall ceilings

Material

One piece chassis constructed from die formed 20 gauge cold rolled steel.
Reflectors - 95% reflectance baked white acrylic matte paint finish. Soft white acrylic film on inside of lamp shield conceals lamp image.

Finish

Chassis exterior - phosphate undercoating, baked white acrylic matte high reflectance paint finish.

Electrical

Thermally protected class "P" ballast. If K.O.s are within 3" of ballast use wire suitable for at least 90C. Suitable for damp location.

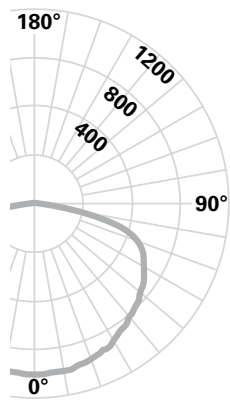
Labels

Listed by CSA, UL.

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

Performance

CANDLEPOWER CURVE 232



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1004	1004	1004	1004	1004
5	1008	1005	1003	998	996
10	985	998	992	994	995
15	970	969	974	985	981
20	934	942	950	963	969
25	899	900	930	940	949
30	839	855	887	916	929
35	784	816	850	878	895
40	727	760	802	851	866
45	658	693	751	815	842
50	590	619	692	782	807
55	503	543	644	738	783
60	426	477	599	704	743
65	355	403	545	656	704
70	274	342	479	595	645
75	209	272	401	490	509
80	134	187	247	229	219
85	57	73	60	49	56
90	0	0	0	0	0

REPORT NO: LSCD062
 CAT. NO: QVL2GPFSR232120S0
 2 32W T8 Lamps at 2950 lumens.
 Efficiency: 58.8%
 Candela at Nadir: 1004cd

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD * EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

Room Cavity Ratio	Wall Reflectance											
	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
0	.70	.70	.70	.70	.68	.68	.68	.68	.65	.65	.65	
1	.64	.61	.58	.56	.62	.60	.57	.55	.57	.55	.53	
2	.58	.53	.48	.45	.56	.51	.48	.44	.49	.46	.43	
3	.52	.46	.41	.37	.51	.45	.40	.37	.43	.39	.36	
4	.48	.40	.35	.31	.46	.40	.35	.31	.38	.34	.30	
5	.43	.36	.30	.26	.42	.35	.29	.26	.33	.29	.25	
6	.40	.32	.26	.22	.39	.31	.26	.22	.30	.25	.22	
7	.37	.28	.23	.19	.36	.28	.23	.19	.27	.22	.19	
8	.34	.25	.20	.16	.33	.25	.20	.16	.24	.19	.16	
9	.31	.23	.18	.14	.30	.22	.17	.14	.22	.17	.14	
10	.29	.21	.16	.12	.28	.20	.16	.12	.20	.15	.12	

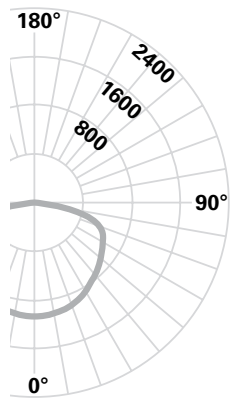
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 60.4

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	797	13.51	22.98
0-40	1325	22.47	38.21
0-60	2480	42.05	71.51
0-90	3469	58.80	100.00
40-90	2143	36.33	61.79
60-90	988	16.76	28.49
90-180	0	.00	.00
0-180	3469	58.80	100.00

Performance

CANDLEPOWER CURVE 432



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1875	1875	1875	1875	1875
5	1869	1884	1872	1870	1864
10	1842	1855	1852	1853	1848
15	1801	1819	1824	1824	1834
20	1732	1754	1771	1785	1797
25	1657	1681	1707	1741	1750
30	1562	1597	1642	1668	1692
35	1464	1498	1558	1591	1614
40	1333	1385	1453	1518	1556
45	1208	1259	1342	1441	1498
50	1066	1131	1228	1368	1431
55	913	987	1133	1300	1371
60	775	844	1035	1229	1315
65	638	700	939	1153	1248
70	504	582	838	1061	1148
75	377	469	729	882	912
80	245	334	494	635	688
85	104	126	99	279	312
90	0	0	0	0	0

REPORT NO: LSCD064
 CAT. NO: QVL2GPFSR43212004
 4 32W T8 Fluorescent Lamps at 2950 lumens.
 Efficiency: 53.1%
 Candela at Nadir: 1875cd

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD * EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

Room Cavity Ratio	Wall Reflectance											
	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
0	.63	.63	.63	.63	.62	.62	.62	.62	.59	.59	.59	
1	.58	.55	.53	.51	.56	.54	.52	.50	.51	.50	.48	
2	.52	.48	.44	.41	.51	.47	.43	.40	.45	.42	.39	
3	.47	.42	.37	.34	.46	.41	.37	.33	.39	.36	.33	
4	.43	.37	.32	.28	.42	.36	.32	.28	.35	.31	.28	
5	.39	.32	.27	.24	.38	.32	.27	.23	.30	.26	.23	
6	.36	.29	.24	.20	.35	.28	.23	.20	.27	.23	.20	
7	.33	.26	.21	.18	.32	.25	.21	.17	.24	.20	.17	
8	.31	.23	.18	.15	.30	.23	.18	.15	.22	.18	.15	
9	.28	.21	.16	.13	.27	.20	.16	.13	.20	.16	.13	
10	.26	.19	.14	.11	.26	.18	.14	.11	.18	.14	.11	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 109.0

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1479	12.54	23.60
0-40	2446	20.73	39.02
0-60	4507	38.20	71.90
0-90	6269	53.13	100.00
40-90	3822	32.40	60.98
60-90	1761	14.93	28.10
90-180	0	.00	.00
0-180	6269	53.13	100.00

Job Information Type:

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