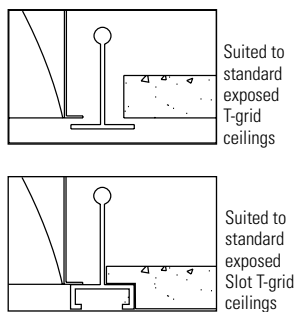


Ceiling compatibility



## Ordering information

QVS	1	G	PF		2				
Quality Visual Static	Luminaire Width	Ceiling Type	Lamp Shield		Lamp Quantity	Lamp	Voltage	Ballast Type	Options
Recessed direct indirect soft light optical system	1'	G = Standard exposed T-grid ceilings	PF = Micro-perforated		2 = 2 Lamp	28 = 28WT5 54 = 54WT5HO 32 = 32WT8	UNV 120 277 347	<b>T5/T5HO</b> PG = Electronic Linear T5/T5HO Program Start (<10% THD) <b>T8</b> SO = Electronic T8 Instant Start (<20% THD) RO = Electronic T8 Rapid Start (<10% THD) HI = Electronic T8 Instant Start (<10% THD) <b>For Dimming Ballast Suffix, please consult your Lightolier Representative.</b>	F = Internal Fusing (Canada) GLR = Internal Fusing (USA) FK91X4 = 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) QVS-HD = Alter Hold Down Clips (Std 15/16" only) QVS14DG = 1'x4' Dust and Germ Guard
				<b>Lamp Shield Details</b>					
				LV = White perforated flat blade louver LG = Grey solid flat blade louver LW = White solid flat blade louver					

## Features

- Efficiency 59.8%
- Flat blade louver with lens overlay and perforated curved side blades
- Alter soft white film on inside of mesh conceals lamp image providing balance between reflected and direct 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
- Choice of white microperforated blade, white solid blade or grey solid blade

## 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.

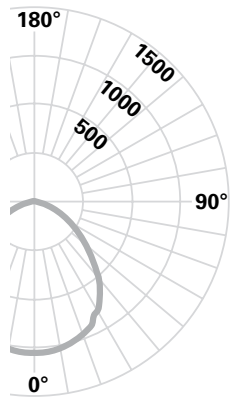
Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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## Performance

### CANDLEPOWER CURVE 232



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1465	1465	1465	1465	1465
5	1454	1457	1455	1458	1464
10	1419	1427	1434	1446	1451
15	1380	1385	1397	1422	1424
20	1314	1327	1346	1376	1386
25	1249	1256	1288	1303	1331
30	1168	1184	1218	1227	1242
35	1078	1102	1120	1110	1125
40	986	1003	1002	979	987
45	875	898	876	827	835
50	769	778	722	664	662
55	655	653	559	513	514
60	551	520	415	378	403
65	461	393	282	281	299
70	357	268	201	193	187
75	256	153	132	124	126
80	155	76	70	71	77
85	46	29	28	30	29
90	0	0	0	0	0

REPORT NO: LSC9590  
 CAT. NO: QVS1GPFLV232120SO  
 2 32W T8 Fluorescent Lamps at 2950 lumens.  
 Efficiency: 59.8%  
 Candela at Nadir: 1465cd

### 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	.71	.71	.71	.71	.70	.70	.70	.70	.66	.66	.66	
1	.66	.64	.62	.60	.65	.62	.60	.59	.60	.58	.57	
2	.61	.57	.53	.50	.60	.56	.52	.50	.53	.51	.49	
3	.56	.51	.46	.43	.55	.50	.46	.43	.48	.45	.42	
4	.52	.45	.41	.37	.51	.45	.41	.37	.43	.39	.37	
5	.48	.41	.36	.32	.46	.40	.35	.32	.39	.35	.32	
6	.44	.37	.32	.28	.43	.36	.31	.28	.35	.31	.28	
7	.41	.33	.28	.25	.40	.33	.28	.24	.32	.27	.24	
8	.38	.30	.25	.22	.37	.29	.25	.21	.28	.24	.21	
9	.35	.27	.22	.19	.34	.26	.22	.19	.26	.21	.19	
10	.32	.24	.20	.17	.31	.24	.20	.17	.23	.19	.16	

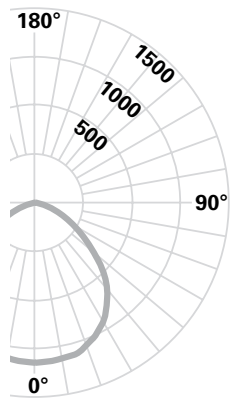
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 59.0

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1125	19.07	31.91
0-40	1815	30.78	51.48
0-60	2994	50.76	84.91
0-90	3527	59.78	100.00
40-90	1711	29.00	48.52
60-90	532	9.02	5.09
90-180	0	0	0
0-180	3527	59.78	100.00

## Performance

### CANDLEPOWER CURVE 228



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1336	1336	1336	1336	1336
5	1329	1325	1326	1340	1331
10	1298	1300	1306	1318	1322
15	1248	1256	1276	1294	1301
20	1195	1198	1228	1248	1259
25	1136	1141	1173	1194	1206
30	1070	1072	1098	1116	1134
35	979	995	1013	1022	1034
40	890	904	914	900	904
45	794	803	798	761	765
50	688	695	664	610	608
55	582	590	518	461	467
60	496	469	374	352	363
65	403	364	255	260	263
70	318	245	178	182	172
75	229	134	117	117	108
80	134	71	67	67	65
85	41	25	29	24	25
90	0	0	0	0	0

REPORT NO: LSC9591  
 CAT. NO: QVS1GPFLV228120PG  
 2 28W T5 Fluorescent Lamps at 2610 lumens.  
 Efficiency: 61.5%  
 Candela at Nadir: 1336cd

### 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	.73	.73	.73	.73	.71	.71	.71	.71	.68	.68	.68	
1	.68	.65	.63	.61	.66	.64	.62	.60	.61	.60	.58	
2	.63	.58	.55	.52	.61	.57	.54	.51	.55	.52	.50	
3	.58	.52	.48	.44	.56	.51	.47	.44	.50	.46	.43	
4	.53	.47	.42	.38	.52	.46	.42	.38	.44	.41	.38	
5	.49	.42	.37	.33	.48	.41	.36	.33	.40	.36	.32	
6	.45	.38	.33	.29	.44	.37	.32	.29	.36	.32	.28	
7	.42	.34	.29	.25	.41	.33	.29	.25	.33	.28	.25	
8	.39	.30	.26	.22	.38	.30	.25	.22	.29	.25	.22	
9	.36	.28	.23	.19	.35	.27	.22	.19	.26	.22	.19	
10	.33	.25	.20	.17	.32	.25	.20	.17	.24	.20	.17	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 64.2

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1022	19.60	31.89
0-40	1651	31.64	51.48
0-60	2725	52.21	84.96
0-90	3207	61.45	100.00
40-90	1556	29.82	48.52
60-90	482	9.24	15.04
90-180	0	.00	.00
0-180	3207	61.45	100.00

## Job Information Type:

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