

## Ordering information

QVS	2	G	OL	OP					
Quality Visual Static	Luminaire Width	Ceiling Type	Lamp Shield	Lamp Shield Details	Lamp Quantity	Lamp	Voltage	Ballast Type	Options
Recessed direct indirect soft light optical system	2'	G = Standard exposed T-grid ceilings	OL= Curved Soft White Opal Lens	OP= One piece (no center slot) lampshield	1 = 1 Lamp (FT only) 2 = 2 Lamp 3 = 3 Lamp	24 = 24WT5HO 17 = 17WT8 FT = TT5 Bi-Tube	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) O3 = 3 Lamp Electronic T8 Instant Start (<20% THD) H3 = 3 Lamp Electronic T8 Instant Start (<10% THD) <b>TT5</b> SB = 40W Electronic TT5 Instant Start or Rapid Start (<20% THD) BE = 50W Electronic TT5 Rapid Start (<20% THD)	F = Internal Fusing (Canada) GLR = Internal Fusing (USA) FK92X2 = Drywall Kit for plaster frames EM = T8/TT5/T5/T5HO Emergency Lighting System (USA) O = T8/TT5 Emergency Lighting System (Canada) E = T5/T5HO Emergency Lighting System (Canada) QVS-HD = Alter Hold Down Clips (Std 15/16" only) QVS22DG = 2'x2' Dust and Germ Guard
<b>For Dimming Ballast Suffix, please consult your Lightolier Representative.</b>									

## Features

- Efficiency 77.5%
- Seamless welded form: curved top and side reflectors are formed together without any gaps or visual barriers
- Swing down microperforated lamp shield for easy relamping and maintenance
- Soft white opal lens conceals lamp image and provide balance between reflected light 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

## 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.

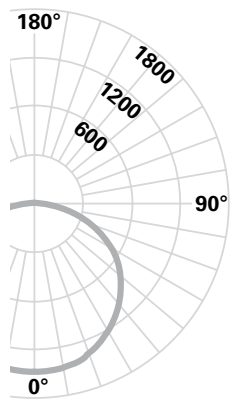
Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

**Lightolier** [www.lightolier.com](http://www.lightolier.com)  
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
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## Performance

### CANDLEPOWER CURVE 2FT



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1611	1611	1611	1611	1611
5	1599	1598	1608	1607	1609
10	1577	1579	1587	1601	1597
15	1554	1551	1565	1573	1582
20	1507	1504	1532	1528	1531
25	1444	1444	1460	1479	1481
30	1362	1370	1392	1417	1415
35	1285	1289	1316	1340	1345
40	1187	1197	1227	1253	1265
45	1087	1091	1123	1158	1180
50	962	972	1010	1065	1078
55	829	852	901	950	972
60	701	730	780	833	858
65	564	586	649	696	721
70	428	461	527	561	567
75	289	320	378	399	418
80	162	188	235	252	259
85	54	69	94	101	102
90	0	0	0	0	0

REPORT NO: LSCB044  
 CAT. NO: QVS2GOLOP2FT120SB  
 2 40W T15 Fluorescent Lamps at 3150 lumens.  
 Efficiency: 77.5%  
 Candela at Nadir: 1611cd

### 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	.92	.92	.92	.92	.90	.90	.90	.90	.86	.86	.86	
1	.85	.81	.78	.75	.83	.79	.76	.74	.76	.74	.71	
2	.77	.71	.66	.62	.76	.70	.65	.61	.67	.63	.60	
3	.71	.63	.57	.52	.69	.61	.56	.51	.59	.54	.50	
4	.65	.56	.50	.44	.63	.55	.49	.44	.53	.48	.44	
5	.60	.50	.43	.38	.58	.49	.43	.38	.47	.42	.38	
6	.55	.45	.38	.33	.53	.44	.37	.33	.42	.37	.32	
7	.50	.40	.33	.29	.49	.39	.33	.28	.38	.32	.28	
8	.47	.36	.30	.25	.46	.36	.29	.25	.35	.29	.25	
9	.43	.33	.26	.22	.42	.32	.26	.22	.31	.26	.22	
10	.40	.30	.24	.19	.39	.29	.24	.19	.29	.23	.19	

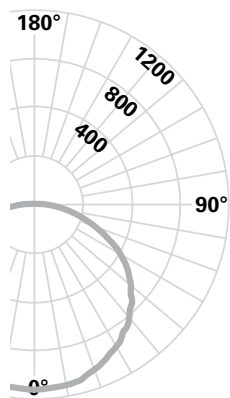
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 65.2

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1268	20.13	25.97
0-40	2089	33.17	42.79
0-60	3761	59.71	77.02
0-90	4883	77.52	100.00
40-90	2794	44.35	57.21
60-90	1122	17.81	22.98
90-180	0	.00	.00
0-180	4883	77.52	100.00

## Performance

### CANDLEPOWER CURVE 317



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1088	1088	1088	1088	1088
5	1078	1088	1083	1084	1084
10	1066	1073	1072	1075	1077
15	1043	1055	1050	1063	1067
20	1009	1018	1022	1034	1034
25	967	972	988	997	1001
30	923	932	941	956	967
35	868	873	897	911	915
40	809	809	835	855	870
45	730	741	767	799	813
50	648	661	698	725	744
55	571	581	615	652	670
60	479	505	543	568	582
65	392	411	450	474	481
70	295	325	357	370	374
75	210	241	262	268	267
80	120	147	166	177	169
85	50	60	70	65	66
90	0	0	0	0	0

REPORT NO: LSCD066  
 CAT. NO: QVS2GOLOP31712003  
 3 F17T8/TL841 17W T8 Fluorescent Lamps at 1400 lumens.  
 Efficiency: 79.4%  
 Candela at Nadir: 1088cd

### 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	.94	.94	.94	.94	.92	.92	.92	.92	.88	.88	.88	
1	.87	.83	.80	.77	.84	.81	.78	.75	.78	.75	.73	
2	.79	.73	.67	.63	.77	.71	.66	.62	.68	.64	.61	
3	.72	.64	.58	.53	.70	.63	.57	.52	.60	.55	.51	
4	.66	.57	.50	.45	.64	.56	.49	.44	.54	.48	.44	
5	.60	.50	.43	.37	.58	.49	.42	.37	.47	.41	.37	
6	.55	.45	.38	.32	.54	.44	.37	.32	.42	.36	.32	
7	.51	.40	.33	.28	.50	.39	.33	.28	.38	.32	.28	
8	.47	.36	.29	.24	.46	.35	.29	.24	.34	.28	.24	
9	.43	.32	.25	.21	.42	.32	.25	.21	.31	.25	.21	
10	.40	.29	.23	.18	.39	.29	.23	.18	.28	.22	.18	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 49.6

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	856	20.39	25.68
0-40	1414	33.67	42.42
0-60	2556	60.87	76.69
0-90	3333	79.37	100.00
40-90	1919	45.71	57.58
60-90	777	18.50	23.31
90-180	0	.00	.00
0-180	3333	79.37	100.00

## Job Information Type:

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