

## Ordering information

QCE	2	G	GL	OS	2				
Quality Visual	Luminaire Width	Ceiling Type	Lamp Shield		Lamp Quantity	Lamp	Voltage	Ballast Type	Options
Recessed direct indirect soft light optical system	2'	G = Fits standard 15/16" T-grid or Slot T-grid ceilings	GL = Glass		2 = 2 Lamp	24 = 24WT5HO FT = TT5 Bi-Tube	UNV 347	<b>T5/T5HO</b> PG = Electronic Linear T5/T5HO Program Start (<10% THD) <b>TT5</b> PR = 40W Electronic TT5 Programmed Rapid Start (<10% THD) BE = 50W Electronic TT5 Rapid Start (<20% THD) BF = 55W Electronic TT5 Rapid Start (<10% THD) DA = Electronic TT5, T5, T5HO, Program Start (<10% THD) Dali Digital Addressable Dimming	F = Internal Fusing (Canada) GLR = Internal Fusing (USA) FK92X2 = Drywall Kit for plaster frames EM* = TT5/T5/T5HO Emergency Lighting System (USA) O* = TT5 Emergency Lighting System (Canada) E* = T5/T5HO Emergency Lighting System (Canada) QVS-HD = Alter Hold Down Clips (Std 15/16" only) QVS22DG = 2' x 2' Dust and Germ Guard  <b>*All 2' x 2' luminaire using Emergency Lighting System are 5-1/2" deep</b>
<b>Lamp Shield Details</b>									
OS = Open slot (no acrylic) lamp shield									

## Features

- Efficiencies up to 65.9%
- Seamless welded form: curved top and side reflectors are formed together without any gaps or visual barriers
- Shallow design, only 3-5/8" deep for easy installation in shallow plenum
- Painted after fabrication (PAF) luminaire
- New Solid-Edge swing-down microperforated lamp shield for easy relamping and maintenance
- 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
- Can be row mounted
- Fits standard 15/16" T-Grid, Slot 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.

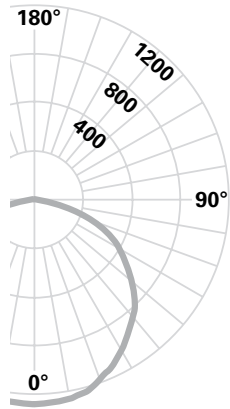
## Labels

Listed by cCSAus.

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

## Performance

### CANDLEPOWER CURVE 2FT



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1295	1295	1295	1295	1295
5	1287	1295	1295	1294	1291
10	1261	1270	1272	1272	1280
15	1234	1234	1249	1257	1261
20	1184	1189	1207	1204	1213
25	1128	1137	1145	1159	1173
30	1058	1072	1082	1096	1107
35	979	993	1012	1029	1043
40	893	915	943	965	982
45	807	823	854	896	911
50	698	723	780	807	817
55	600	622	681	702	725
60	499	530	584	617	638
65	395	434	484	521	539
70	298	339	388	413	415
75	196	236	268	251	230
80	117	125	129	128	126
85	29	40	41	46	41
90	0	0	0	0	0

REPORT NO: LSCB623  
 CAT. NO: QCE2GGLOS2FT  
 2 24W T5 Compact Fluorescent Lamps at 3150 lumens.  
 Efficiency: 58.2%  
 Candela at Nadir: 1295cd

### 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	.69	.69	.69	.69	.68	.68	.68	.68	.65	.65	.65	
1	.64	.61	.59	.57	.62	.60	.58	.56	.57	.56	.54	
2	.58	.54	.51	.47	.57	.53	.50	.47	.51	.48	.46	
3	.53	.48	.43	.40	.52	.47	.43	.39	.45	.42	.39	
4	.49	.43	.38	.34	.48	.42	.38	.34	.41	.37	.34	
5	.45	.38	.33	.29	.44	.38	.33	.29	.36	.32	.29	
6	.42	.34	.29	.26	.41	.34	.29	.25	.33	.28	.25	
7	.38	.31	.26	.22	.37	.30	.25	.22	.29	.25	.22	
8	.36	.28	.23	.20	.35	.27	.23	.19	.27	.22	.19	
9	.33	.25	.20	.17	.32	.25	.20	.17	.24	.20	.17	
10	.31	.23	.18	.15	.30	.23	.18	.15	.22	.18	.15	

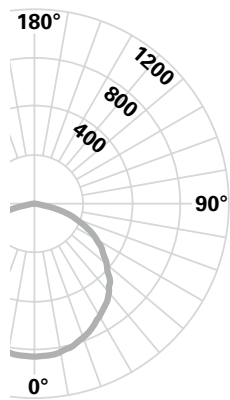
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 68.9

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1001	15.90	27.31
0-40	1634	25.94	44.54
0-60	2890	45.88	78.78
0-90	3669	58.24	100.00
40-90	2035	32.30	55.46
60-90	778	12.36	21.22
90-180	0	.00	.00

## Performance

### CANDLEPOWER CURVE 224



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	830	830	830	830	830
5	821	822	828	823	829
10	810	809	809	818	819
15	793	790	792	798	803
20	763	759	764	774	773
25	723	730	733	740	745
30	675	679	693	700	709
35	630	634	643	663	673
40	569	584	594	627	635
45	514	517	555	579	586
50	449	454	491	508	515
55	381	395	433	448	454
60	317	333	362	385	392
65	256	275	298	319	321
70	191	209	237	242	241
75	122	143	155	144	131
80	66	75	76	73	74
85	22	19	23	26	21
90	0	0	0	0	0

REPORT NO: LSCD074  
 CAT. NO: QCE2GGLOS224  
 2 24W T5HO Fluorescent Lamps at 1760 lumens.  
 Efficiency: 65.9%  
 Candela at Nadir: 830cd

### 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	.78	.78	.78	.78	.77	.77	.77	.77	.73	.73	.73	
1	.72	.69	.67	.65	.71	.68	.66	.63	.65	.63	.61	
2	.66	.61	.57	.53	.65	.60	.56	.53	.57	.54	.52	
3	.61	.54	.49	.45	.59	.53	.48	.45	.51	.47	.44	
4	.56	.48	.43	.38	.54	.47	.42	.38	.46	.41	.38	
5	.51	.43	.37	.32	.49	.42	.36	.32	.40	.36	.32	
6	.47	.38	.32	.28	.45	.37	.32	.28	.36	.31	.28	
7	.43	.34	.29	.25	.42	.34	.28	.24	.33	.28	.24	
8	.40	.31	.25	.21	.39	.30	.25	.21	.29	.24	.21	
9	.36	.28	.22	.18	.36	.27	.22	.18	.26	.22	.18	
10	.34	.25	.20	.16	.33	.25	.20	.16	.24	.19	.16	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 52.5

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	639	18.18	27.60
0-40	1044	29.68	45.06
0-60	1844	52.41	79.58
0-90	2318	65.86	100.00
40-90	1273	36.18	54.94
60-90	473	13.45	20.42
90-180	0	.00	.00
0-180	2318	65.86	100.00

<b>Job Information</b>	<b>Type:</b>
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