

## Ordering information

QCE	2	G	PF		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	PF = Micro-perforated		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 <b>For Dimming Ballast Suffix, please consult your Lightolier Representative.</b>	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' Alter Concept luminaire using Emergency Lighting System are 5-1/2" deep</b>
<b>Lamp Shield Details</b>									
OS = Open slot (no acrylic) lamp shield OP = One piece (no center slot) lamp shield									

## Features

- Efficiencies up to 66.8%
- 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:

**Job Name:**

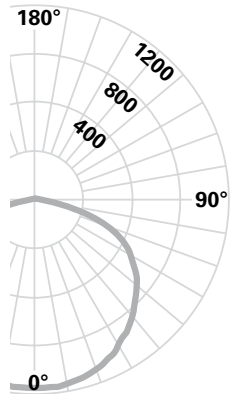
**Cat. No.:**

**Lamp(s):**

**Notes:**

## Performance

### CANDLEPOWER CURVE 2FT



### CANDLEPOWER

ZONE DEG	ALONG			ACROSS		
	22.5	45	67.5	22.5	45	67.5
0	1201	1201	1201	1201	1201	1201
5	1190	1196	1195	1195	1195	1195
10	1170	1186	1182	1184	1188	1188
15	1141	1144	1165	1168	1170	1170
20	1102	1102	1121	1138	1147	1147
25	1036	1048	1078	1097	1110	1110
30	979	993	1024	1053	1064	1064
35	902	924	963	1002	1021	1021
40	817	842	893	947	967	967
45	720	753	815	879	899	899
50	623	659	742	811	845	845
55	522	568	660	746	775	775
60	415	469	580	668	709	709
65	318	379	497	580	611	611
70	244	291	411	469	478	478
75	162	220	285	271	267	267
80	90	118	123	108	111	111
85	33	35	32	31	34	34
90	0	0	0	0	0	0

REPORT NO: LSCB727  
 CAT. NO: QCE2GPFOS2FT  
 2 24W TT5 Compact Fluorescent Lamps at 3150 lumens.  
 Efficiency: 56.0%  
 Candela at Nadir: 1201cd

### 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	.67	.67	.67	.67	.65	.65	.65	.65	.62	.62	.62	
1	.61	.59	.57	.55	.60	.58	.56	.54	.55	.54	.52	
2	.56	.52	.48	.45	.55	.51	.47	.45	.49	.46	.44	
3	.51	.46	.41	.38	.50	.45	.41	.38	.43	.40	.37	
4	.47	.41	.36	.33	.46	.40	.36	.32	.39	.35	.32	
5	.43	.36	.31	.28	.42	.36	.31	.28	.35	.30	.27	
6	.40	.33	.28	.24	.39	.32	.27	.24	.31	.27	.24	
7	.37	.29	.24	.21	.36	.29	.24	.21	.28	.24	.21	
8	.34	.26	.22	.18	.33	.26	.21	.18	.25	.21	.18	
9	.31	.24	.19	.16	.31	.24	.19	.16	.23	.19	.16	
10	.29	.22	.17	.14	.29	.21	.17	.14	.21	.17	.14	

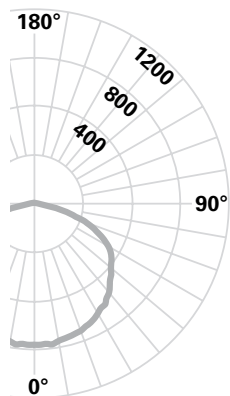
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 68.5

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	936	14.87	26.55
0-40	1536	24.39	43.54
0-60	2750	43.65	77.94
0-90	3528	56.01	100.00
40-90	1992	31.62	56.46
60-90	778	12.36	22.06
90-180	0	.00	.00
0-180	3528	56.01	100.00

## Performance

### CANDLEPOWER CURVE 224



### CANDLEPOWER

ZONE DEG	ALONG			ACROSS		
	22.5	45	67.5	22.5	45	67.5
0	781	781	781	781	781	781
5	777	776	782	778	778	778
10	764	775	771	777	773	773
15	748	751	760	765	763	763
20	723	725	737	748	750	750
25	688	704	709	719	731	731
30	646	659	686	695	705	705
35	604	614	644	667	682	682
40	551	564	601	637	647	647
45	491	507	553	593	597	597
50	426	449	511	545	556	556
55	360	388	448	501	525	525
60	288	330	394	454	475	475
65	221	270	338	382	390	390
70	167	206	272	294	293	293
75	103	148	187	171	159	159
80	61	78	80	69	72	72
85	17	17	19	22	23	23
90	0	0	0	0	0	0

REPORT NO: LSCD075  
 CAT. NO: QCE2GPFOS224  
 2 24W T5HO Fluorescent Lamps at 1760 lumens.  
 Efficiency: 66.8%  
 Candela at Nadir: 781cd

### 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	.80	.80	.80	.80	.78	.78	.78	.78	.74	.74	.74	
1	.73	.70	.68	.65	.71	.69	.66	.64	.66	.64	.62	
2	.67	.62	.57	.54	.65	.60	.56	.53	.58	.55	.52	
3	.61	.54	.49	.45	.60	.53	.49	.45	.51	.47	.44	
4	.56	.48	.43	.38	.55	.47	.42	.38	.46	.41	.37	
5	.51	.43	.37	.32	.50	.42	.36	.32	.40	.35	.32	
6	.47	.38	.32	.28	.46	.37	.32	.28	.36	.31	.27	
7	.43	.34	.28	.24	.42	.33	.28	.24	.32	.27	.24	
8	.40	.30	.25	.21	.39	.30	.24	.21	.29	.24	.21	
9	.37	.27	.22	.18	.36	.27	.22	.18	.26	.21	.18	
10	.34	.25	.19	.16	.33	.24	.19	.16	.24	.19	.16	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 51.1

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	615	17.50	26.18
0-40	1016	28.87	43.21
0-60	1837	52.21	78.13
0-90	2352	66.82	100.00
40-90	1335	37.95	56.79
60-90	514	14.61	21.87
90-180	0	.00	.00
0-180	2352	66.82	100.00

## Job Information Type:

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