

Ordering information

QVB	2	S				FT			
Quality Visual	Luminaire Width	Ceiling Type	Lamp Shield		Lamp Quantity	Lamp	Voltage	Ballast Type	Options
Surface direct indirect soft light optical system	2'	S = Surface	PW = White body/microperforated lamp shield PG = Titanium body/microperforated lamp shield		1 = 1 Lamp 2 = 2 Lamp	FT = TT5 Bi-Tube	UNV 120 277 347	TT5 SB = 40W Electronic TT5 Instant Start or Rapid Start (<20% THD) BE = 50W Electronic TT5 Rapid Start (<20% THD) For Dimming Ballast Suffix, please consult your Lightolier Representative.	F = Internal Fusing (Canada) GLR = Internal Fusing (USA) EM = TT5 Emergency Lighting System (USA) O = TT5 Emergency Lighting System (Canada)
Clear Polished Acrylic Drop Down Visual Element									
OS = Open slot (no acrylic) lamp shield OP = One piece (no center slot) lamp shield GC = Clear acrylic GG = Clear acrylic/Green projected color face GB = Clear acrylic/Blue projected color face GR = Clear acrylic/Red projected color face									

Features

- Efficiency 55.2% (White body, microperforated lamp shield)
- 3/4" contoured frame gives the luminaire a very low profile visual perception
- Only 2 5/16" deep (not including lamp shield)
- 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
- Titanium or white paint finish
- One piece body for easy installation
- Easy access to ballast through lamp compartment
- 95% Reflective Alter soft white paint finish
- Optional acrylic drop-down visual element

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.

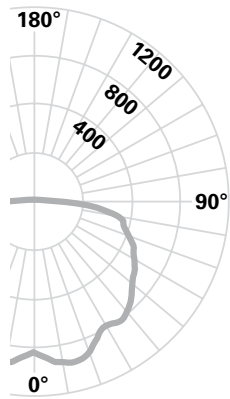
Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Lightolier www.lightolier.com
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Performance

CANDLEPOWER CURVE 2FT



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	934	934	934	934	934
5	923	935	954	967	974
10	913	938	979	993	1008
15	889	946	982	1015	1021
20	855	920	978	995	994
25	812	890	949	938	926
30	765	857	873	876	890
35	713	823	807	867	913
40	643	757	762	865	890
45	580	674	749	820	847
50	509	572	699	767	791
55	423	500	628	718	757
60	361	440	563	664	715
65	279	384	507	620	678
70	217	314	452	567	617
75	159	245	385	509	571
80	97	174	313	444	502
85	47	79	184	261	278
90	0	0	18	27	36

REPORT NO: LSCD061
 CAT. NO: QVB2SPWOS2FT120SB
 2 40W TT5 Compact Fluorescent Lamps at 3150 lumens.
 Efficiency: 55.2%
 Candela at Nadir: 934cd

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	.66	.66	.66	.66	.64	.64	.64	.64	.61	.61	.61	
1	.59	.56	.54	.51	.58	.55	.53	.50	.53	.51	.49	
2	.54	.49	.45	.41	.52	.48	.44	.41	.46	.42	.40	
3	.49	.42	.38	.34	.47	.41	.37	.34	.40	.36	.33	
4	.45	.38	.33	.29	.43	.37	.32	.29	.36	.31	.28	
5	.41	.33	.28	.24	.40	.33	.28	.24	.32	.27	.24	
6	.38	.30	.25	.21	.36	.29	.24	.21	.28	.24	.21	
7	.34	.27	.22	.18	.33	.26	.21	.18	.25	.21	.18	
8	.32	.24	.19	.16	.31	.24	.19	.16	.23	.19	.16	
9	.30	.22	.17	.14	.29	.22	.17	.14	.21	.17	.14	
10	.27	.20	.15	.12	.27	.20	.15	.12	.19	.15	.12	

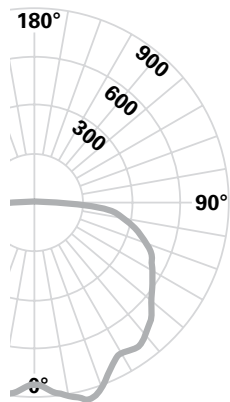
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 64.6

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	786	12.48	22.61
0-40	1302	20.68	37.48
0-60	2414	38.32	69.46
0-90	3475	55.17	100.00
40-90	2173	34.50	62.52
60-90	1061	16.85	30.54
90-180	0	.00	.00
0-180	3475	55.17	100.00

Performance

CANDLEPOWER CURVE 2FT



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	876	876	876	876	876
5	870	876	889	899	911
10	856	876	912	936	940
15	835	873	914	967	979
20	797	865	918	952	944
25	765	838	893	881	865
30	714	809	841	811	831
35	659	757	752	805	849
40	601	707	700	801	824
45	528	626	687	755	787
50	458	534	630	704	730
55	388	443	567	653	686
60	319	393	514	605	651
65	251	334	458	564	620
70	189	276	403	524	566
75	121	209	342	451	498
80	64	155	267	380	432
85	17	67	159	243	285
90	0	0	6	22	23

REPORT NO: LSC9743
 CAT. NO: QVB2SPGOS2FT120SB
 2 40W TT5 Compact Fluorescent Lamps at 3150 lumens.
 Efficiency: 50.5%
 Candela at Nadir: 876cd

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	.60	.60	.60	.60	.59	.59	.59	.59	.56	.56	.56	
1	.54	.52	.49	.47	.53	.51	.48	.46	.48	.46	.45	
2	.49	.45	.41	.38	.48	.44	.40	.38	.42	.39	.37	
3	.45	.39	.35	.31	.43	.38	.34	.31	.37	.33	.30	
4	.41	.35	.30	.27	.40	.34	.30	.26	.33	.29	.26	
5	.38	.31	.26	.23	.36	.30	.26	.23	.29	.25	.22	
6	.35	.28	.23	.20	.34	.27	.23	.19	.26	.22	.19	
7	.32	.25	.20	.17	.31	.24	.20	.17	.23	.19	.17	
8	.29	.22	.18	.15	.29	.22	.18	.15	.21	.17	.15	
9	.27	.20	.16	.13	.27	.20	.16	.13	.19	.16	.13	
10	.25	.18	.14	.11	.25	.18	.14	.11	.18	.14	.11	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 64.5

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	738	11.72	23.21
0-40	1219	19.36	38.32
0-60	2238	35.54	70.34
0-90	3182	50.52	100.00
40-90	1963	31.16	61.68
60-90	943	14.98	29.66
90-180	0	.00	.00
0-180	3182	50.52	100.00

Job Information Type:

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