

Ordering information

QVS	1								
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 T = Slot T-grid	PF = Micro-perforated SD = Solid	Clear Polished Acrylic Drop Down Visual Element	1 = 1 Lamp* 2 = 2 Lamp	28 = 28WT5 54 = 54WT5HO 32 = 32WT8* FT = TT5 Bi-Tube	UNV 120 277 347	T5/T5HO PG = Electronic Linear T5/T5HO Program Start (<10% THD) T8 S0 = Electronic T8 Instant Start (<20% THD) RO = Electronic T8 Rapid Start (<10% THD) HI = Electronic T8 Instant Start (<10% THD) TT5 SB = 40W Electronic TT5 Instant Start or Rapid Start (<20% THD) BE = 50W Electronic TT5 Rapid Start (<20% THD) BF = 55W Electronic TT5 Rapid Start (<10% THD)	F = Internal Fusing (Canada) GLR = Internal Fusing (USA) FK91X4 = 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) QVS14DG = 1'x4' Dust and Germ Guard
			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		*Not available with T8	*Not available with slot T-Grid configuration.		For Dimming Ballast Suffix, please consult your Lightolier Representative.	

Features

- Efficiency 49.8%
- 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
- Solid lamp shield lined with specular interior reflector
- One piece body for easy installation
- Easy access to ballast through lamp compartment
- Fits standard T-Grid, Slot-T Grid or drywall ceilings
- 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
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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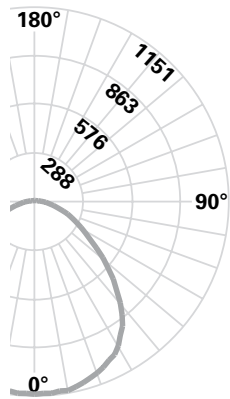
www.lightolier.com

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Performance

CANDLEPOWER CURVE 232



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1145	1145	1145	1145	1145
5	1138	1143	1140	1136	1144
10	1125	1124	1130	1140	1141
15	1099	1105	1115	1111	1114
20	1066	1083	1079	1084	1084
25	1030	1030	1047	1045	1040
30	980	980	995	988	990
35	914	923	933	911	905
40	855	860	865	808	790
45	789	791	767	686	656
50	698	700	647	560	526
55	623	612	518	426	398
60	533	502	386	314	318
65	443	379	254	244	241
70	349	252	181	181	180
75	257	130	124	115	115
80	137	73	65	57	65
85	32	27	31	26	23
90	0	0	0	0	0

REPORT NO: LSC7111
 CAT. NO: QVS1GPFOS232120SO
 2 32W T8 Fluorescent Lamps at 3000 lumens.
 Efficiency: 49.8%
 Candela at Nadir: 1145cd

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	.59	.59	.59	.59	.58	.58	.58	.58	.55	.55	.55	
1	.55	.53	.51	.49	.54	.52	.50	.49	.50	.48	.47	
2	.51	.47	.44	.41	.49	.46	.43	.41	.44	.42	.40	
3	.47	.42	.38	.35	.45	.41	.38	.35	.40	.37	.35	
4	.43	.37	.33	.30	.42	.37	.33	.30	.36	.32	.30	
5	.39	.33	.29	.26	.38	.33	.29	.26	.32	.28	.26	
6	.36	.30	.26	.23	.35	.29	.25	.23	.29	.25	.22	
7	.33	.27	.23	.20	.33	.27	.23	.20	.26	.22	.20	
8	.31	.24	.20	.17	.30	.24	.20	.17	.23	.20	.17	
9	.28	.22	.18	.15	.28	.21	.18	.15	.21	.17	.15	
10	.26	.20	.16	.13	.26	.19	.16	.13	.19	.15	.13	

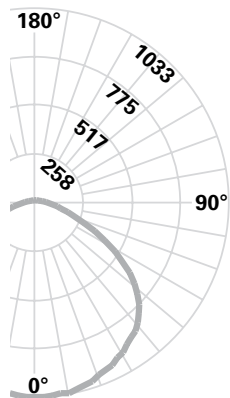
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 54.5

DISTRIBUTION

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	902	15.04	30.21
0-40	1475	24.60	49.40
0-60	2503	41.73	83.82
0-90	2987	49.78	100.00
40-90	1511	25.19	50.60
60-90	483	8.06	16.18
90-180	0	0	0
0-180	2987	49.78	100

Performance

CANDLEPOWER CURVE 228



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1027	1027	1027	1027	1027
5	1022	1024	1033	1028	1024
10	1008	1013	1017	1014	1023
15	991	987	994	991	1001
20	958	964	961	971	971
25	917	916	927	936	951
30	870	875	890	908	917
35	815	818	837	865	873
40	756	756	787	819	833
45	696	694	723	757	770
50	628	624	663	675	677
55	551	544	579	567	552
60	471	460	469	429	420
65	396	374	349	292	279
70	318	279	215	177	181
75	223	175	108	113	118
80	120	72	54	56	55
85	35	17	16	15	16
90	0	0	0	0	0

REPORT NO: LSC6554
 CAT. NO: QVS1GPFOS228120PG
 2 28W T5 Fluorescent Lamps at 2900 lumens.
 Efficiency: 50.0%
 Candela at Nadir: 1027cd

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	.58	.58	.58	.58	.56	.56	.56	
1	.55	.53	.51	.49	.54	.52	.50	.49	.50	.48	.47	
2	.51	.47	.44	.41	.49	.46	.43	.41	.44	.42	.40	
3	.46	.42	.38	.35	.45	.41	.37	.35	.39	.36	.34	
4	.43	.37	.33	.30	.42	.36	.33	.30	.35	.32	.29	
5	.39	.33	.28	.25	.38	.32	.28	.25	.31	.28	.25	
6	.36	.29	.25	.22	.35	.29	.25	.22	.28	.24	.22	
7	.33	.26	.22	.19	.32	.26	.22	.19	.25	.21	.19	
8	.30	.24	.19	.16	.30	.23	.19	.16	.22	.19	.16	
9	.28	.21	.17	.14	.27	.21	.17	.14	.20	.17	.14	
10	.26	.19	.15	.12	.25	.19	.15	.12	.18	.15	.12	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 65.8

DISTRIBUTION

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	806	13.91	27.80
0-40	1333	22.99	45.94
0-60	2390	41.21	82.35
0-90	2902	50.04	100.00
40-90	1569	27.05	54.06
60-90	512	8.83	17.65
90-180	0	0	0
0-180	2902	50.04	100

Job Information	Type:
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