

20" x 48" luminaire using **FPQVS2060** filler plates shown. **FPQVS2060** ordered and shipped separately.

**Ordering information**

QVA	5	G	PF	OP	2				
Quality Visual Air Supply or Return	Luminaire Width	Ceiling Type	Lamp Shield		Lamp Quantity	Lamp	Voltage	Ballast Type	Options
Recessed direct indirect soft light optical system	5 = 20"	G = Standard exposed T-grid ceilings	PF = Micro-perforated		2 = 2 Lamp	28 = 28WT5 54 = 54WT5HO	UNV 120 277 347	<b>T5/T5HO</b> PG = Electronic Linear T5/T5HO Program Start (<10% THD) <b>For Dimming Ballast Suffix, please consult your Lightolier Representative.</b>	F = Internal Fusing (Canada) GLR = Internal Fusing (USA) FK920X4 = Drywall Kit for plaster frames EM = T5/T5HO Emergency Lighting System (USA) E = T5/T5HO Emergency Lighting System (Canada) QVS-HD = Alter Hold Down Clips (Std 15/16" only)
<b>Lamp Shield Details</b>									
OP = One piece (no center slot) lamp shield									

**Features**

- 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
- 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.  
**UL fire test drop out. Meets large scale fall out test CSA22,2 No 250.0-00 VC15989.2.3.2.2**

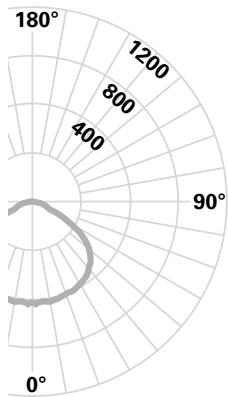
Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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

### CANDLEPOWER CURVE 228



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	820	820	820	820	820
5	819	824	819	824	817
10	810	823	816	812	826
15	798	805	804	806	816
20	779	783	790	799	804
25	747	761	769	792	797
30	724	734	750	778	775
35	677	704	724	756	751
40	630	656	692	716	715
45	581	616	661	664	673
50	525	568	606	607	597
55	472	511	535	523	508
60	409	448	468	399	364
65	335	387	355	243	187
70	276	313	209	126	122
75	196	222	97	98	89
80	124	89	66	54	59
85	50	46	24	25	26
90	0	0	0	0	0

REPORT NO: LSCD059  
 CAT. NO: QVA5GPFOP228  
 2 F32T8/TL841 32W T8 Fluorescent Lamps at 2950 lumens.  
 Efficiency: 43.4%  
 Candela at Nadir: 8200cd

### 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	.52	.52	.52	.52	.50	.50	.50	.50	.48	.48	.48	
1	.48	.46	.44	.42	.46	.45	.43	.42	.43	.42	.40	
2	.44	.40	.38	.35	.43	.39	.37	.35	.38	.36	.34	
3	.40	.36	.32	.30	.39	.35	.32	.29	.34	.31	.29	
4	.37	.32	.28	.25	.36	.31	.28	.25	.30	.27	.25	
5	.33	.28	.24	.21	.32	.27	.24	.21	.26	.23	.21	
6	.31	.25	.21	.18	.30	.24	.21	.18	.24	.20	.18	
7	.28	.22	.18	.16	.27	.22	.18	.16	.21	.18	.16	
8	.26	.20	.16	.14	.25	.20	.16	.14	.19	.16	.13	
9	.24	.18	.14	.12	.23	.18	.14	.12	.17	.14	.12	
10	.22	.16	.13	.10	.21	.16	.13	.10	.15	.12	.10	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 59.0

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	664	11.25	25.93
0-40	1116	18.92	43.59
0-60	2065	35.01	80.68
0-90	2560	43.40	100.00
40-90	1444	24.48	56.41
60-90	494	8.39	19.32
90-180	0	.00	.00
0-180	2560	43.40	100.00

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