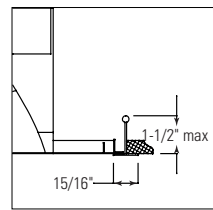


Ceiling compatibility



Suited to standard exposed T-grid ceilings



## Ordering information

QVA	2	G	PF	OP					
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	2'	G = Standard exposed T-grid ceilings	PF = - perforated		2 = 2 Lamp (T5/T5HO or T8 only) 3 = 3 Lamp (T5/T5HO or T8 only) 4 = 4 Lamp (FT only)	28 = 28WT5 54 = 54WT5HO 32 = 32WT8 FT = TT5 Bi-Tube	UNV 120 277 347	<b>T5/T5HO</b> PG = Electronic Linear T5/T5HO Program Start (<10% THD) <b>T8</b> SO = Electronic T8 Instant Start (<20% THD) RO = Electronic T8 Rapid Start (<10% THD) HI = Electronic T8 Instant Start (<10% THD) O3 = 3 Lamp Electronic T8 Instant Start (<20% THD) H3 = 3 Lamp Electronic T8 Instant Start (<10% THD) <b>TT5</b> 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) <b>For Dimming Ballast Suffix, please consult your Lightolier Representative.</b>	F = Internal Fusing (Canada) GLR = Internal Fusing (USA) FK92X4 = 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)

### Lamp Shield Details

OP = One piece (no center slot) lamp shield

## Features

- Efficiency 52.8%
- 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
- 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** - phosphat 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:

**Job Name:**

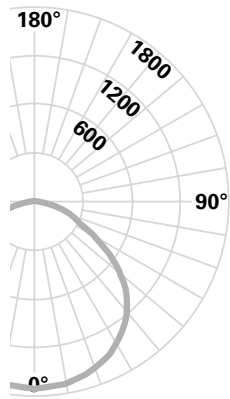
**Cat. No.:**

**Lamp(s):**

**Notes:**

## Performance

### CANDLEPOWER CURVE 332



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1702	1702	1702	1702	1702
5	1684	1692	1696	1694	1679
10	1661	1672	1670	1665	1670
15	1635	1640	1635	1639	1639
20	1570	1576	1585	1597	1604
25	1500	1513	1525	1548	1557
30	1413	1430	1453	1474	1487
35	1316	1345	1378	1400	1406
40	1219	1236	1281	1306	1303
45	1086	1119	1162	1180	1175
50	952	999	1036	1025	1020
55	827	873	895	851	826
60	683	731	726	655	622
65	555	590	532	430	433
70	432	449	333	321	331
75	300	302	207	220	230
80	179	140	126	134	131
85	74	57	56	57	48
90	0	0	0	0	0

REPORT NO: LSCD058  
 CAT. NO: QVA2GPFOP33212003  
 3 F32T8/TL841 32W T8 Fluorescent Lamps at 2950 lumens.  
 Efficiency: 52.8%  
 Candela at Nadir: 1702cd

### 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	.63	.63	.63	.63	.61	.61	.61	.61	.59	.59	.59	
1	.58	.56	.54	.52	.57	.55	.53	.51	.52	.51	.50	
2	.53	.49	.46	.43	.52	.48	.45	.43	.46	.44	.42	
3	.49	.44	.40	.37	.48	.43	.39	.36	.42	.38	.36	
4	.45	.39	.35	.31	.44	.38	.34	.31	.37	.34	.31	
5	.41	.35	.30	.27	.40	.34	.30	.27	.33	.29	.26	
6	.38	.31	.26	.23	.37	.31	.26	.23	.30	.26	.23	
7	.35	.28	.23	.20	.34	.27	.23	.20	.27	.23	.20	
8	.32	.25	.21	.18	.31	.25	.20	.17	.24	.20	.17	
9	.30	.23	.18	.15	.29	.22	.18	.15	.21	.18	.15	
10	.27	.20	.16	.13	.27	.20	.16	.13	.20	.16	.13	

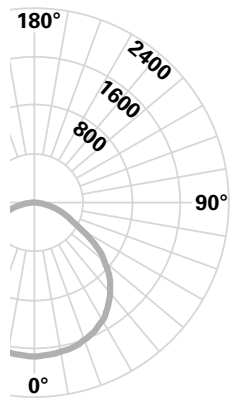
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 84.3

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1327	15.00	28.40
0-40	2182	24.66	46.70
0-60	3831	43.29	81.98
0-90	4673	52.81	100.00
40-90	2490	28.15	53.30
60-90	842	9.52	18.02
90-180	0	.00	.00
0-180	4673	52.81	100.00

## Performance

### CANDLEPOWER CURVE 328



ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	67.5	ACROSS
0	1726	1726	1726	1726	1726
5	1718	1727	1721	1721	1716
10	1696	1709	1701	1704	1700
15	1665	1670	1674	1675	1683
20	1602	1614	1622	1637	1639
25	1532	1547	1558	1583	1589
30	1451	1470	1494	1508	1524
35	1351	1380	1410	1422	1430
40	1242	1275	1305	1317	1322
45	1122	1152	1182	1193	1198
50	986	1026	1050	1040	1031
55	837	888	901	865	841
60	699	750	727	653	614
65	564	597	532	437	424
70	426	452	323	315	320
75	298	287	210	221	227
80	168	122	122	129	132
85	62	48	52	48	51
90	0	0	0	0	0

REPORT NO: LSCD057  
 CAT. NO: QVA2GPFOP328120PG  
 3 28W T5 Fluorescent Lamps at 2600 lumens.  
 Efficiency: 60.8%  
 Candela at Nadir: 1726cd

### 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	.72	.72	.72	.72	.71	.71	.71	.71	.68	.68	.68	
1	.67	.64	.62	.60	.65	.63	.61	.59	.60	.59	.57	
2	.61	.57	.53	.50	.60	.56	.52	.49	.54	.51	.48	
3	.56	.51	.46	.43	.55	.50	.46	.42	.48	.44	.41	
4	.52	.45	.40	.36	.51	.44	.40	.36	.43	.39	.36	
5	.48	.40	.35	.31	.46	.39	.34	.31	.38	.34	.30	
6	.44	.36	.31	.27	.43	.35	.30	.27	.34	.30	.26	
7	.40	.32	.27	.24	.39	.32	.27	.23	.31	.26	.23	
8	.37	.29	.24	.20	.36	.28	.24	.20	.28	.23	.20	
9	.34	.26	.21	.17	.33	.26	.21	.17	.25	.20	.17	
10	.32	.24	.19	.15	.31	.23	.19	.15	.23	.18	.15	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 95.2

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	356	17.39	28.62
0-40	2230	28.60	47.05
0-60	3907	50.10	82.43
0-90	4740	60.78	100.00
40-90	2509	32.18	52.95
60-90	832	10.68	17.57
90-180	0	.00	.00
0-180	4740	60.78	100.00

## Job Information Type:

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