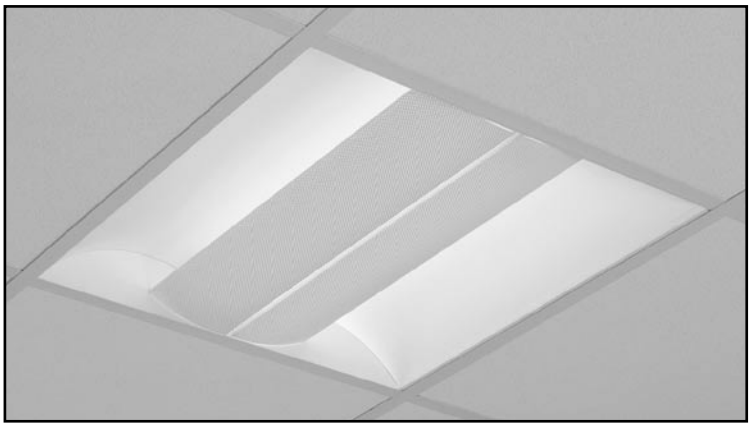
QVE2GPFOS2FT 2 x 40W

ALTER ELEGANCE

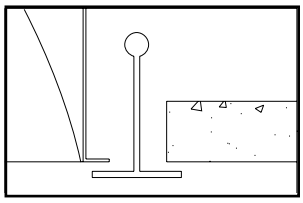
2′ X 2′ RECESSED DIRECT/INDIRECT FLUORESCENT
2 LAMP, TT5 BI-TUBE, 3 1/2″ DEEP
MICROPERFORATED MESH LAMP SHIELD,
STATIC

- Efficiency 44%.
- Only 3 1/2" deep.
- 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.
- Specular interior reflector.
- One piece body for easy installation.
- Easy access to ballast through lamp compartment.
- Fits standard T-Grid ceilings.
- Optional acrylic drop-down visual element.

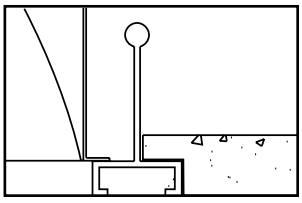


MOUNTING METHODS/FEATURES

Ceiling compatibility

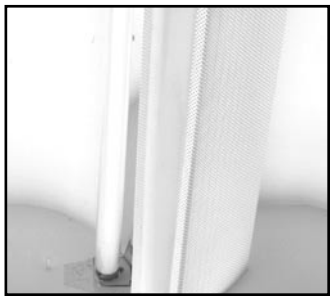


Suited to standard exposed T-grid ceilings

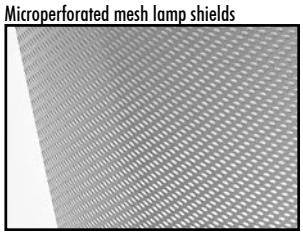


Suited to standard exposed Slot T-grid ceilings

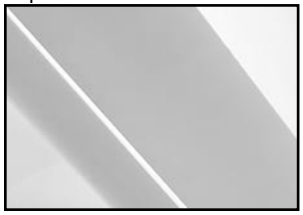
Swing down optical system for easy relamping and maintenance



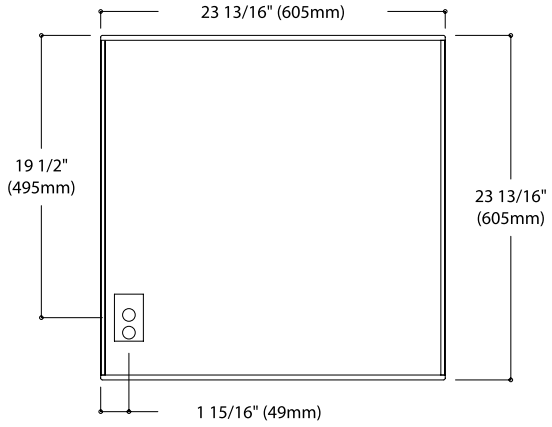
Microperforated mesh lamp shields

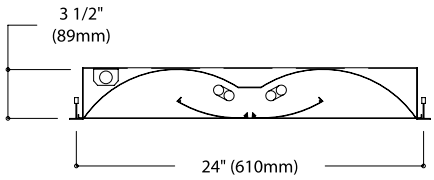


Also available with solid opaque swing-down lamp shield



DIMENSIONS





FIXTURE TYPE	VOLTS

JOB INFORMATION: _____

LIGHTOLIER®
Genlyte Thomas Company

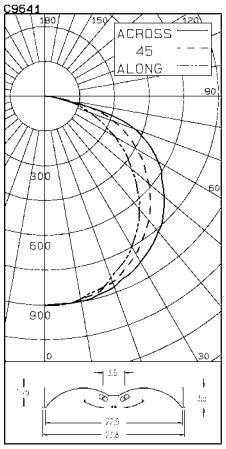
QVE2GPFOS2FT

ALTER ELEGANCE

2′ X 2′ RECESSED DIRECT/INDIRECT FLUORESCENT

CERTIFIED TEST REPORT NO. LSC9641
COMPUTED BY LSC PROGRAM **TEST-LITE**

LIGHTOLIER-CFI 2x2 SHALLOW RECESSED LUMINAIRE CAT. NO. QVE2GPFOS2FT120SB
WITH WHITE PAINTED REFLECTOR AND MICRO-PERFORATED LAMP SHIELD
TWO 40W BIAX COMPACT FLUORESCENT LAMPS. LUMEN RATING = 3150 LMS.
ONE SYLVANIA 120V 2-LAMP ELECTRONIC BALLAST NO. QTP2x40TT5/120 PSN-F



CANDLEPOWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	902	902	902	902	902	
5	901	904	899	900	898	87
10	888	886	888	896	897	
15	867	874	879	888	887	247
20	832	841	854	873	874	
25	795	799	819	843	852	378
30	750	764	785	814	826	
35	696	708	741	779	797	465
40	634	656	698	740	763	
45	563	586	645	700	722	496
50	489	524	586	643	672	
55	422	455	524	588	615	466
60	349	386	455	526	564	
65	279	316	390	455	497	382
70	208	248	318	381	413	
75	149	170	224	247	251	215
80	83	100	96	70	65	
85	29	27	21	21	26	33
90	0	0	0	1	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	712	11.31	25.73
0-40	1177	18.70	42.53
0-60	2139	33.96	77.25
0-90	2769	43.96	100.00
40-90	1591	25.26	57.47
60-90	630	10.00	22.75
90-180	0	.00	.00
0-180	2769	43.96	100.00

** EFFICIENCY = 44.0% **

LUMINANCE SUMMARY-CD. / SQ. M.

S/MH = 1.4
SC(ALONG) = 1.2, SC(ACROSS) = 1.4

ANGLE	ALONG	45	ACROSS
45	2343	2694	3016
55	2166	2696	3170
65	1940	2728	3470
75	1696	2547	2867
85	967	718	880

CERTIFIED BY:

DATE:
FEB 21, 2003

PREPARED FOR:
LIGHTOLIER-CFI
CORNWALL, ONTARIO

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

LIGHTING SCIENCES CANADA LTD.
440 PHILLIP ST., UNIT 19
WATERLOO, ONTARIO

CERTIFIED TEST REPORT NO. LSC9641
COMPUTED BY LSC PROGRAM **TEST-LITE**

LIGHTOLIER-CFI 2x2 SHALLOW RECESSED LUMINAIRE CAT. NO. QVE2GPFOS2FT120SB
WITH WHITE PAINTED REFLECTOR AND MICRO-PERFORATED LAMP SHIELD
TWO 40W BIAX COMPACT FLUORESCENT LAMPS. LUMEN RATING = 3150 LMS.
ONE SYLVANIA 120V 2-LAMP ELECTRONIC BALLAST NO. QTP2x40TT5/120 PSN-F

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC	80				70				50			30			10		0
WALL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.52	.52	.52	.52	.51	.51	.51	.51	.49	.49	.49	.47	.47	.47	.45	.45	.45	.44
1	.48	.46	.44	.43	.47	.45	.44	.42	.43	.42	.41	.42	.40	.39	.40	.39	.38	.37
2	.44	.41	.38	.35	.43	.40	.37	.35	.38	.36	.34	.37	.35	.33	.35	.34	.33	.32
3	.40	.36	.32	.29	.39	.35	.32	.29	.34	.31	.29	.32	.30	.28	.31	.29	.28	.27
4	.37	.32	.28	.25	.36	.31	.28	.25	.30	.27	.25	.29	.27	.24	.28	.26	.24	.23
5	.34	.28	.24	.22	.33	.28	.24	.21	.27	.24	.21	.26	.23	.21	.25	.23	.21	.20
6	.31	.25	.21	.19	.30	.25	.21	.18	.24	.21	.18	.23	.20	.18	.23	.20	.18	.17
7	.28	.23	.19	.16	.28	.22	.19	.16	.22	.18	.16	.21	.18	.16	.20	.18	.16	.15
8	.26	.20	.17	.14	.26	.20	.17	.14	.20	.16	.14	.19	.16	.14	.18	.16	.14	.13
9	.24	.19	.15	.12	.24	.18	.15	.12	.18	.15	.12	.17	.14	.12	.17	.14	.12	.11
10	.23	.17	.13	.11	.22	.17	.13	.11	.16	.13	.11	.16	.13	.11	.15	.13	.11	.10

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 65.2
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST FACTORS HAVE NOT BEEN APPLIED.

ORDERING INFORMATION Explanation of Catalogue Number Example: QVE2GPFOS2FT120SB

QVE	2	G	PF	OS	2	FT	120	SB	
ALTER ELEGANCE	FIXTURE WIDTH	CEILING TYPE	LAMP SHIELD	CLEAR POLISHED ACRYLIC DROP DOWN VISUAL ELEMENT	LAMP QUANTITY	LAMP/FIXTURE LENGTH	VOLTAGE		OPTIONS
Recessed direct indirect soft light optical system	2′	Standard exposed T-grid ceilings	PF =Micro-perforated SD =Solid	OS =Open slot (no acrylic) OP =One Piece (no center slot) GC =Clear acrylic GG =Clear acrylic / Green projected color face GB =Clear acrylic / Blue projected color face GR = Clear acrylic / Red projected color face		(NOMINAL 24″) FT = TT5 Bi-tube	120,277 347		R =Radio Interface Filter O =Emergency Lighting System (for Canada) N =Emergency Lighting System (for U.S.)

BALLAST TYPE
BE =50W Electronic TT5 RS
SR =40W Electronic TT5 RS
BX =40W Magnetic TT5 RS
PB =40W TT5 PowerSpec Dimming*
PC =50/55W TT5 PowerSpec Dimming*
SB =40W Genetic Electronic TT5

*Not available in 347V.

SPECIFICATIONS

MATERIALS: One piece chassis constructed from die formed 20 gauge cold rolled steel. **Reflectors -** 95% reflectance baked white acrylic matte paint finish. Specular aluminum interior reflector. Soft white acrylic film on inside of lamp shield conceals lamp image.
FINISH: Chassis exterior - phosphate undercoating, baked white acrylic matte paint finish.

ELECTRICAL: Rapid start HPF, thermally protected class "P" ballast (Bi-tube type). If K.Os are within 3" of ballast use wire suitable for at least 90C.
LABELS: Listed by CSA, UL

631 Airport Road, Fall River, MA 02720 - Tel. (508) 679-8131
C.F.I. Division of Canlyte, Inc.
525 Education Road, Cornwall, Ontario
Canada K6H 6C7 - (613) 938-6221

Genlyte Thomas Company