

QVB2SPGOS2FT

ALTER SLIM SQUARE

2' X 2' SURFACE FLUORESCENT

1 OR 2 TT5

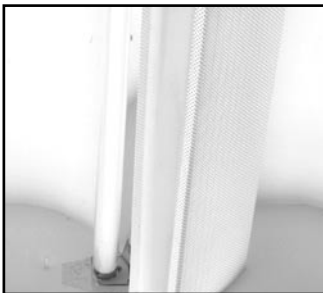
MICROPERFORATED MESH LAMP SHIELD

- Efficiency 50.5%.
- 3/4" floating frame gives luminaire a look very thin.
- Only 2-5/16" deep (not including lamp shields)
- Swing down microperforated lamp shields for easy relamping and maintenance.
- Alter soft white film on inside of mesh conceals lamp image and provide balance between reflected light and direct light.
- 95% Reflective Alter soft white paint finish.
- Specular interior reflector.
- One piece body for easy installation.
- Easy access to ballast through lamp compartment.
- Optional acrylic drop-down visual element.
- Available in white or titanium paint finish.

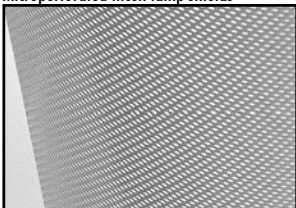


MOUNTING METHODS/FEATURES

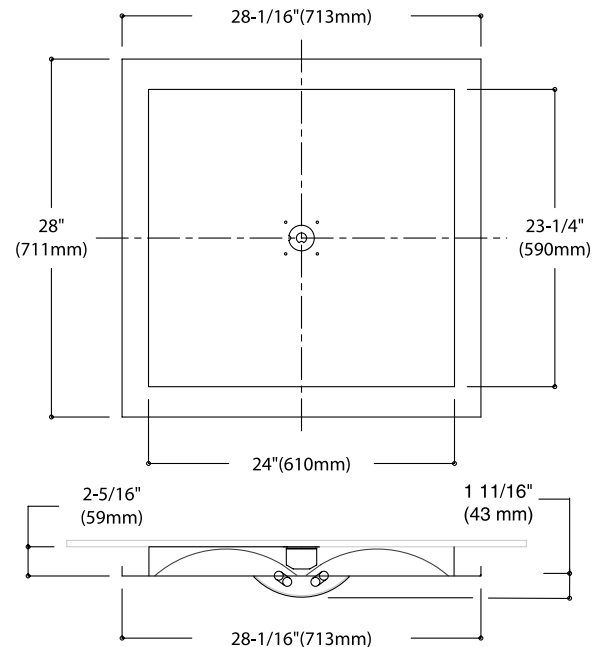
Swing down optical system for easy relamping and maintenance



Microperforated mesh lamp shields



DIMENSIONS



FIXTURE TYPE

VOLTS

JOB INFORMATION:

LIGHTOLIER
Genlyte Thomas Company

QVB2SPGOS2FT

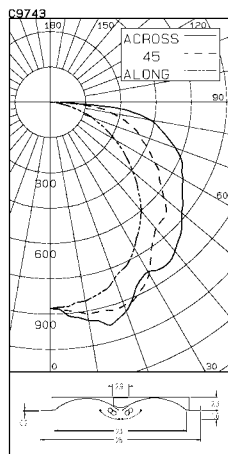
ALTER SLIM SQUARE 2' X 2' SLIM SQUARE SURFACE

CERTIFIED TEST REPORT NO. LSC9743
COMPUTED BY LSC PROGRAM **TEST-LITE**

LIGHTOLIER-CFI 2x2 SURFACE LUMINAIRE CAT. NO. QVB2SPGOS2FT120SB
GREY BODY, WHITE PAINT REFLECT., SILVER BALL. COVER, 2 MICRO-PREF. LAMP SHIELDS
TWO 40W BIAx COMPACT FLUORESCENT LAMPS. LUMEN RATING = 3150 LMS.
ONE UNIVERSAL TRIAD 120V 1 OR 2-LAMP ELECTRONIC BALLAST NO. C240S1120RH

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

CERTIFIED TEST REPORT NO. LSC9743
COMPUTED BY LSC PROGRAM **TEST-LITE**



CANDLEPOWER SUMMARY						OUTPUT LUMENS
ANGLE	ALONG	45	67.5	ACROSS		
0	876	876	876	876		
5	870	876	889	899	911	87
10	856	876	912	936	940	
15	835	871	914	967	979	258
20	797	865	918	952	944	
25	765	838	893	881	865	394
30	714	809	841	811	831	
35	659	757	752	805	849	481
40	601	707	700	801	824	
45	528	626	687	755	787	524
50	458	534	630	704	730	
55	388	443	567	653	686	495
60	319	393	514	605	651	
65	251	334	458	564	620	442
70	189	276	403	524	566	
75	121	209	342	451	498	347
80	64	155	267	380	432	
85	17	67	159	243	285	155
90	0	0	6	22	23	

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	738	11.72	23.21
0-40	1219	19.36	38.32
0-50	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

** EFFICIENCY = 50.5% **

LUMINANCE SUMMARY-CD. / SQ. M.

S/MH = 1.5
SC (ALONG) = 1.2, SC (ACROSS) = 1.5

ANGLE	ALONG	45	ACROSS
45	2189	2859	3272
55	1983	2905	3516
65	1741	3189	4315
75	1369	3881	5661
85	569	5370	9634

CERTIFIED BY: DATE: MAY 15, 2003
PREPARED FOR: LIGHTOLIER-CFI
CORNWALL, ONTARIO

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

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TWO 40W BIAx COMPACT FLUORESCENT LAMPS. LUMEN RATING = 3150 LMS.
ONE UNIVERSAL TRIAD 120V 1 OR 2-LAMP ELECTRONIC BALLAST NO. C240S1120RH

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	60				70				50				30				10				0			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	0	.60	.60	.60	.60	.59	.59	.59	.59	.56	.56	.56	.54	.54	.54	.52	.52	.52	.52	.51				
1	.54	.52	.49	.47	.53	.51	.48	.46	.48	.46	.45	.46	.45	.43	.44	.43	.42	.41						
2	.49	.45	.41	.38	.48	.44	.40	.38	.42	.39	.37	.40	.38	.36	.39	.37	.35	.34						
3	.45	.39	.35	.31	.43	.38	.34	.31	.37	.33	.30	.35	.32	.30	.34	.32	.29	.28						
4	.41	.35	.30	.27	.40	.34	.30	.26	.33	.29	.26	.32	.28	.26	.30	.28	.25	.24						
5	.38	.31	.26	.23	.36	.30	.26	.23	.29	.25	.22	.28	.25	.22	.27	.24	.22	.21						
6	.35	.28	.23	.20	.34	.27	.23	.19	.26	.22	.19	.25	.22	.19	.24	.21	.19	.18						
7	.32	.25	.20	.17	.31	.24	.20	.17	.23	.19	.17	.23	.19	.16	.22	.19	.16	.15						
8	.29	.22	.18	.15	.29	.22	.18	.15	.21	.17	.15	.21	.17	.14	.20	.17	.14	.13						
9	.27	.20	.16	.13	.27	.20	.16	.13	.19	.16	.13	.19	.15	.13	.18	.15	.13	.12						
10	.25	.18	.14	.11	.25	.18	.14	.11	.18	.14	.11	.17	.14	.11	.17	.13	.11	.10						

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 64.5
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST FACTORS HAVE NOT BEEN APPLIED.

ORDERING INFORMATION Explanation of Catalogue Number Example: QVB2SPGOS2FT120SB

QVB

ALTER
SLIM SQUARE
Surface soft light
optical system

2

FIXTURE
WIDTH
2'

S

CEILING
TYPE
S=Surface

PG

LAMP SHIELD/
LUMINAIRE FINISH
PW = Microperforated
mesh lamp shield/
white border
PG = Microperforated
mesh lamp shield/
titanium body

OS

CLEAR POLISHED
ACRYLIC DROP
DOWN VISUAL ELEMENT
OS = Open slot (no acrylic)
GC = Clear acrylic
GG = Clear acrylic / Green projected color face
GB = Clear acrylic / Blue projected color face
GR = Clear acrylic / Red projected color face

2

LAMP
QUANTITY

FT

LAMP/FIXTURE
LENGTH
(NOMINAL 24")
FT=TT5
Bi-tube

120

VOLTAGE
120,277
347

SB

BALLAST
BE = 50W Electronic TT5 RS
BR = 40W Electronic TT5 RS
BX = 40W Magnetic TT5 RS
PB = 40W TT5 PowerSpec Dimming*
PC = 50/55W TT5 PowerSpec Dimming*
SB = 40W Generic Electronic TT5

*Not available in 347V.

Options

R = Radio Interface Filter
O = Emergency Lighting
System (for Canada)
N = Emergency
Lighting System
(for U.S.)

SPECIFICATIONS

MATERIALS: 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: Rapid start HPF, thermally protected class "P" ballast (Bi-tube type). If K.O.s are within 3" of ballast use wire suitable for at least 90C.

LABELS: Listed by CSA, UL

We reserve the right to change, materials and finish in any way that will not alter installed appearance or reduce function and performance.

Genlyte Thomas Company

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Canada K6H 6C7 - (613) 938-6221