# **QVF2SPF0S**

### ALTER SLIM SURFACE

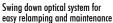
2' X 2' SURFACE FLUORESCENT 1 OR 2 LAMP SURFACE, TT5, 2 1/4" DEEP MICROPERFORATED MESH LAMP SHIELD STATIC

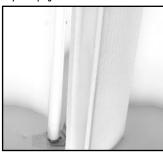
- Efficiency 52.6%.
- Only 2 1/4" deep.
- Swing down microperforated lamp shields for easy relamping and maintenance.
- Alter soft white film on inside of mesh conceals lamp image and provide balance between reflected light and direct light.
- 95% Reflective Alter soft white paint finish.
- Specular interior reflector.
- One piece body for easy installation.
- Easy access to ballast through lamp compartment.
- Optional acrylic drop-down visual element.



## **MOUNTING METHODS/FEATURES**

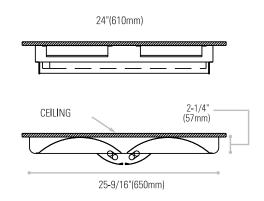
## **DIMENSIONS**





Microperforated mesh lamp shields





FIXTURE TYPE	VOLTS
JOB INFORMATION:	

# **ALTER SLIM SURFACE**

### 2' X 2' SURFACE FLUORESCENT

Model No.: QVF2SPFOS2FT120SB

#### **Photometry**



#### LIGHTING SCIENCES CANADA LTD.

440 Phillip St., Unit 19, Waterloo, Ont., Canada N2L 5R9 Tel: (519) 746-3140 Fax:(519) 746-3156

CERTIFIED TEST REPORT NO. LSC7651 COMPUTED BY LSC PROGRAM \*\*TEST-LITE\*\*

CFI 2'x2' RECESSED DIRECT/INDIRECT FLUOR. FIXTURE CAT. NO. QVH2GFF03204 1205B WHITE INTERIOR, SPEC. BALLAST COVER, PERFORATED LAMP SHIELDS, WHITE TRANS. LENSES TWO 400 PL-L COMPACT FLUORESCENT LAMPS. LUMBH RATING = 3150 LMS. ADVANCE 120V 2-LAMP ELECTRONIC BALLAST NO. REL-2TTS40-RH-TP

		CANDLE	POWER	SUMMAR	Y '	OUTPUT					
C7651						LUMENS					
18c/ /150 120k	ANGLE ALC				ACROSS						
12   ACROSS 14		53 853			853						
K//////X/1 "45 U		50 868			905	86					
1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		40 880			933						
MALONG		21 890			960	256					
A Letter		92 862			948						
90		45 828			838	391					
	30 €	99 801	832	802	828						
	35 €	49 760	735		866	482					
	40 5	80 708	707	831	853						
$1/\sqrt{ X } \times \sqrt{ X } \times \sqrt{ X }$	45 5	516 633		793	814	537					
MITH //X M	50 4	50 528	667	737	773						
1/ pp / / X y)/ / / 1	55 3	90 446	604	701	734	518					
1/ /	60 3	17 408	554	643	675						
M-1-4-7 X/23 // 1		49 365	489	604	652	471					
+		00 295		560	602						
HI LAM X XI		44 24		498	539	383					
1 305-7-1	80	84 176		423	476						
	85	41 99				189					
K-+-+-	90	0 0			22						
	5	ONAL LUI	MENS AN	ID PERC	ENTAGES						
1200											
	ZONE LUMENS % LAMP				% LUMINAIRE						
	0-30 733 11.64				22	22.14					
	0-40 1215 19.29				36.68						
	0-60	226	9	36.02	68.50						
11.5	0-90	331	3	52.59	100.00						
	40-90	209	7	33.30	63.32						
1 111	60-90	104	3	16.56	31.50						
[ 12]	90-180		٥	.00							
L 25 J	0-180	52.59	100.00								
		**	EFFICIE	ENCY =	52.6%	**					
LUMINANCE SUMMARY-CD. / SC				~	/MH = 3	c					
LUMINANCE SUMMARY-CD. / SC		SC(ALONG) = 1.2, SC(ACROSS) = 1.5									
	30	(ALONG)	- 1.2	3C (AC	RO331 -	. 1.5					
ANGLE ALONG 45 ACE	oss ci	ERTIFIED	DV.								
	184	2/			DATE:						
	162 (	Kanl	2 //in		FEB 12.	1999					
		REPARED	FOR.		12,	1000					
		CANADIAN FLUORESCENT INDUSTR									
	.23 C	CORNWALL, ONTARIO									
85 1362 6104 78	103	COR	weeklib,	UNIARI							
TESTED ACCORDING TO LES PROCEDURES. TEST DISTANCE EXCEEDS FIVE											
TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.											
TIMES THE GRANTES	LONINOUS		U. 1011.								

LIGHTING SCIENCES CANADA LTD. 440 PHILLIP ST. UNIT 19 WATERLOO, ONTARIO CANADA N2L 5R9

CERTIFIED TEST REPORT NO. LSC7651 COMPUTED BY LSC PROGRAM \*\*TEST-LITE\*\*

CFI 2'x2' RECESSED DIRECT/INDIRECT FLUOR. FIXTURE CAT. NO. QVH2GPF03204 1205B WHITE INTERIOR, SPEC. BALLAST COVER, PERFORATED LAMP SHEELDS, WHITE TRANS. LENSES TWO 40W PL-L COMPACT FILORESCENT LAMPS. LIMBN PARTING - 3150 LMS. ADVANCE 120V 2-LAMP ELECTRONIC BALLAST NO. REL-2TTS40-FM-TF

#### COEFFICIENTS OF UTILIZATION

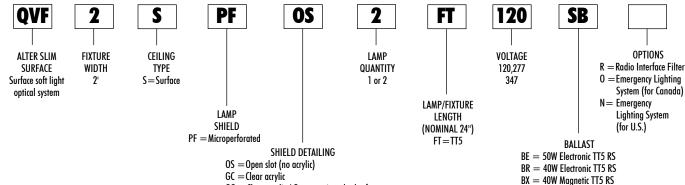
ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

WALL		80				70				50			30			10		
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	. 63	.63	.63	.63	.61	.61	.61	.61	.58	.58	.58	.56	.56	.56	.54	.54	.54	.53
1	.56	.53	.51	. 48	.55	.52	.50	.48	.50	.48	. 46	.48	.46	.45	.46	.45	.43	, 42
2	. 51	.46	.42	.39	.50	.45	.41	.38	.43	.40	.37	. 41	.39	.37	.40	.38	.36	.35
3	. 46	.40	.35	. 32	. 45	.39	.35	.32	. 38	.34	.31	.36	.33	.30	.35	.32	. 30	.29
4	.42	.36	.31	.27	.41	.35	.30	.27	.34	.30	.26	.32	.29	.26	.31	.28	.26	.25
5	. 39	.32	.27	.23	.37	.31	.26	.23	.30	.26	.23	.29	.25	.22	.28	. 25	.22	.21
6	.36	.28	.23	. 20	.34	.28	.23	.20	.27	.23	.19	.26	.22	.19	.25	.22	.19	.18
7	.33	.25	.20	.17	.32	.25	.20	.17	. 24	.20	.17	.23	.19	.16	. 22	.19	.16	.15
8	.30	.23	.18	.15	.29	.22	.18	.15	. 22	.18	.15	.21	.17	.15	.20	.17	.14	.13
9	.28	.21	.16	.13	.27	.20	.16	.13	.20	.16	.13	.19	.15	.13	.19	.15	.13	.12
10	.26	.19	. 14	.11	.25	.18	.14	.11	.18	.14	.11	.17	.14	.11	.17	.14	.11	.10

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES LAMINAIRE INPUT MATTS = 67.0 LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE. BALLAST FACTORS HAVE NOT BEEN APPLIED.

### ORDERING INFORMATION Explanation of Catalogue Number Example: QVF2SPFOS2FT120SB



GG = Clear acrylic / Green projected color face

GB = Clear acrylic / Blue projected color face

GR = Clear acrylic / Red projected color face

\*Not available in 347V.

PB = 40W TT5 PowerSpec Dimming\*

SB = 40W Generic Electronic TT5

PC = 50/55W TT5 PowerSpec Dimming\*

OPTIONS

#### **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.Os are within 3" of ballast use wire suitable for at least 90C. LABELS: Listed by CSA, UL