

QVA2GSDOS2FT

ALTER AIR

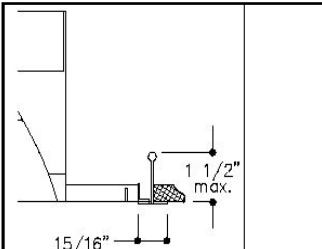
2' X 2' RECESSED DIRECT/INDIRECT FLUORESCENT
 2 LAMP, TT5 BI-TUBE, 5 1/8" DEEP
 SOLID LAMP SHIELD
 AIR SUPPLY OR AIR RETURN

- Efficiency 45.9%.
- Full-length air slot with right angle stiffener for maximum rigidity and no slot interference.
- Dual swing down solid lamp shields separated by luminous strip for easy relamping and maintenance.
- Fully recessed luminaire and with two separate lamp compartments.
- 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.



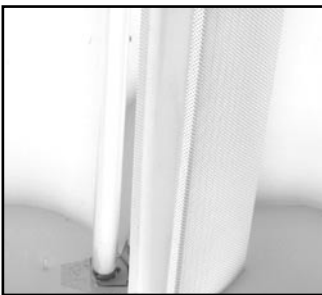
MOUNTING METHODS/FEATURES

Ceiling compatibility

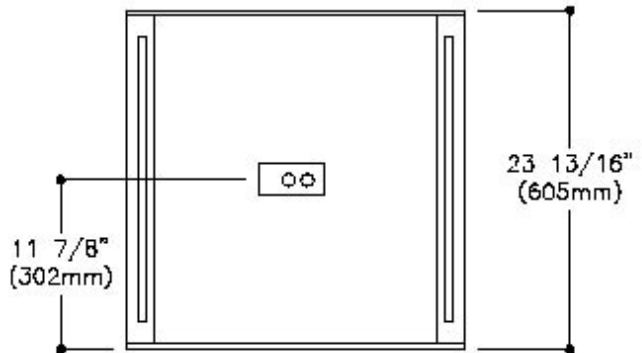
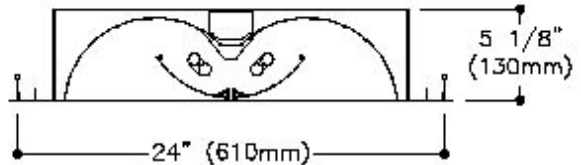


Suited to standard exposed T-grid ceilings

Swing down optical system for easy relamping and maintenance



DIMENSIONS



FIXTURE TYPE _____ VOLTS _____

JOB INFORMATION: _____

LIGHTOLIER
 Genlyte Thomas Company

QVA2GSDOS2FT

ALTER AIR 2' X 2' RECESSED DIRECT/INDIRECT FLUORESCENT

Photometry

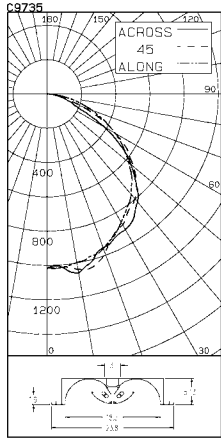
Model No. : QVA2GPFOS228120PI

CERTIFIED TEST REPORT NO. LSC9735
COMPUTED BY LSC PROGRAM **TEST-LITE**

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

LIGHTOLIER-CFI 2x2 RECESSED LUMINAIRE CAT. NO. QVA2GSDOS2FT120SB
WHITE PAINTED REFLECTORS, SILVER BALLAST COVER, AND TWO-PIECE SOLID LAMP SHIELD
TWO 40W BIAX COMPACT FLUORESCENT LAMPS. LUMEN RATING = 3150 LMS.
ONE UNIVERSAL TRIAD 120V 2-LAMP ELECTRONIC BALLAST NO. C240S1120RH

CERTIFIED TEST REPORT NO. LSC9735
COMPUTED BY LSC PROGRAM **TEST-LITE**



ANGLE	ALONG	45	67.5	ACROSS	OUTPUT LUMENS
0	1015	1015	1015	1015	1015
5	1015	1011	1013	1011	99
10	997	997	1038	1057	1057
15	978	1004	1041	1018	285
20	960	1004	989	946	954
25	918	973	912	919	928
30	864	923	882	897	913
35	811	848	828	876	882
40	763	771	796	813	821
45	701	703	735	732	734
50	621	630	656	642	639
55	542	556	573	541	521
60	456	488	463	405	384
65	369	385	347	260	220
70	281	288	221	158	152
75	192	184	117	113	107
80	108	87	67	65	61
85	42	27	26	21	27
90	5	0	0	0	0

LIGHTOLIER-CFI 2x2 RECESSED LUMINAIRE CAT. NO. QVA2GSDOS2FT120SB
WHITE PAINTED REFLECTORS, SILVER BALLAST COVER, AND TWO-PIECE SOLID LAMP SHIELD
TWO 40W BIAX COMPACT FLUORESCENT LAMPS. LUMEN RATING = 3150 LMS.
ONE UNIVERSAL TRIAD 120V 2-LAMP ELECTRONIC BALLAST NO. C240S1120RH

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80				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							
RCR	0	.55	.55	.55	.53	.53	.53	.53	.51	.51	.51	.49	.49	.49	.47	.47	.47	.46	.46	.46	.45	.45	.45	.43	.43	.42	.42	.41	.41	.40
1	.47	.43	.41	.38	.46	.42	.40	.38	.41	.39	.37	.39	.38	.36	.38	.37	.35	.34	.33	.32	.31	.30	.29	.27	.27	.26	.25	.24	.22	
2	.43	.38	.35	.32	.42	.38	.35	.32	.36	.34	.31	.35	.33	.31	.34	.32	.30	.28	.27	.26	.25	.24	.23	.22	.21	.20	.19	.18	.17	
3	.39	.34	.31	.28	.39	.34	.31	.28	.33	.30	.27	.32	.29	.27	.31	.29	.27	.26	.25	.24	.23	.22	.21	.20	.19	.18	.17	.16	.15	
4	.36	.31	.27	.24	.35	.30	.27	.24	.29	.26	.24	.28	.26	.23	.28	.25	.22	.22	.21	.20	.19	.18	.17	.16	.15	.14	.13	.12	.11	
5	.33	.28	.24	.21	.33	.27	.23	.21	.26	.23	.21	.26	.23	.20	.25	.22	.20	.19	.18	.17	.16	.15	.14	.13	.12	.11	.10	.09	.08	
6	.31	.25	.21	.18	.30	.24	.21	.18	.24	.20	.18	.23	.20	.18	.22	.20	.18	.17	.16	.15	.14	.13	.12	.11	.10	.09	.08	.07	.06	
7	.28	.22	.19	.16	.28	.22	.18	.16	.21	.18	.16	.21	.18	.16	.20	.18	.16	.15	.14	.13	.12	.11	.10	.09	.08	.07	.06	.05	.04	
8	.26	.20	.17	.14	.26	.20	.16	.14	.19	.16	.14	.19	.16	.14	.18	.16	.14	.13	.12	.11	.10	.09	.08	.07	.06	.05	.04	.03	.02	
9	.24	.18	.15	.12	.24	.18	.15	.12	.18	.15	.12	.18	.15	.12	.17	.14	.12	.11	.10	.09	.08	.07	.06	.05	.04	.03	.02	.01	.00	
10																														

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	813	12.91	28.12
0-40	1343	21.33	46.44
0-60	2387	37.90	82.51
0-90	2893	45.93	100.00
40-90	1549	24.60	53.56
60-90	506	8.03	17.49
90-180	0	.00	.00
0-180	2893	45.93	100.00

** EFFICIENCY = 45.9% **

LUMINAIRE SUMMARY-CD. / SQ. M.

S/MH = 1.3
SC = 1.3

ANGLE	ALONG	45	ACROSS
45	3596	3785	3777
55	3428	3638	3309
65	3165	2989	1892
75	2685	1637	1506
85	1751	1105	1112

CERTIFIED BY: DATE: MAY 5, 2003
PREPARED FOR: LIGHTOLIER-CFI
CORNWALL, ONTARIO

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

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 64.0
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST FACTORS HAVE NOT BEEN APPLIED.

ORDERING INFORMATION Explanation of Catalogue Number Example: QVA2GSDOS2FT120SB

QVA	2	G	SD	OS	2	FT	120	SB	
QUALITY VISUAL AIR Recessed direct indirect soft light optical system	FIXTURE WIDTH 2'	CEILING TYPE Standard exposed T-grid ceilings	LAMP SHIELD SD = Solid	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	LAMP QUANTITY	LAMP/FIXTURE LENGTH (NOMINAL 24") FT = TT5 Bi-tube	VOLTAGE 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 BR = 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.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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C.F.I. Division of Canlyte, Inc.
525 Education Road, Cornwall, Ontario
Canada K6H 6C7 - (613) 938-6221