

ALTER SOFT LIGHTS QVS2GPFOS332

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2' X 4' RECESSED DIRECT/INDIRECT FLUORESCENT 3 LAMP, T8,
5 1/2" DEEP MICROPERFORATED MESH LAMP SHIELD, STATIC

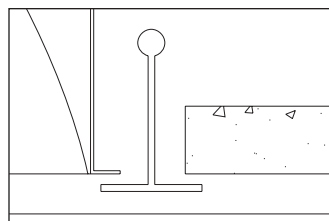
Features

- Efficiency 54.5%.
- 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.

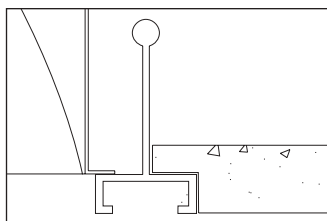


Mounting Methods / Features

Ceiling compatibility



Suited to standard exposed
T-grid ceilings

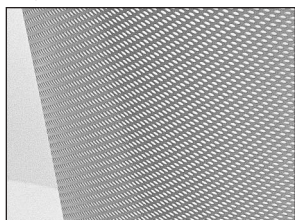


Suited to standard exposed
Slot T-grid ceilings

Swing down optical system for
easy relamping and maintenance



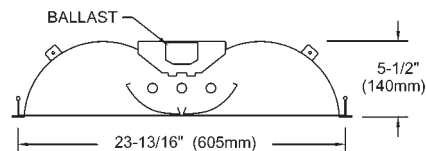
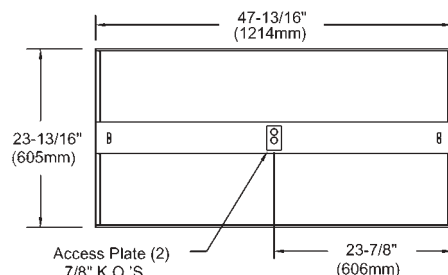
Microperforated mesh
lamp shields



Also available with solid opaque swing-
down lamp shield



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

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Technical Information: (978) 657-7600 • Fax (978) 658-0595

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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. LSC7366
COMPUTED BY LSC PROGRAM **TEST-LITE**

CFI 2x4 ALTER RECESSED INDIRECT FIXTURE CAT. NO. QV52GF0S34012003
SPECULAR BALLAST COVER, WHITE INTERIOR & PERFOR. LAMP SHIELDS, TRANSLUC. LENSES
THREE F32T8/TL841 32W T8 FLUORESCENT LAMPS. LUMEN RATING = 3000 LMS.
ADVANCE 120V 3-LAMP ELECTRONIC BALLAST NO. REL-3632-RH-TP

CANDLEROW SUMMARY

OUTPUT
LUMENS

7366

ANGLE	1750	22.5	45	67.5	ACROSS	
0	1751	1751	1751	1751	1751	
5	1747	1750	1750	1744	1746	168
10	1721	1730	1722	1707	1708	
15	1683	1684	1679	1627	1614	467
20	1619	1626	1575	1552	1547	
25	1548	1547	1484	1435	1457	697
30	1463	1441	1417	1426	1432	
35	1362	1332	1332	1361	1373	841
40	1255	1213	1243	1286	1297	
45	1125	1088	1144	1197	1219	886
50	993	969	1038	1094	1122	
55	856	848	928	984	998	821
60	716	717	808	851	859	
65	572	588	660	679	689	632
70	445	461	509	484	454	
75	305	333	310	267	276	322
80	176	188	142	162	153	
85	61	41	60	51	53	69
90	0	0	0	0	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1331	14.80	27.16
0-40	2173	24.15	44.33
0-60	3879	43.11	78.14
0-90	4902	54.47	100.00
40-90	2729	30.33	55.67
60-90	1022	11.36	20.86
90-180	0	0.00	.00
0-180	4902	54.47	100.00

** EFFICIENCY = 54.5% **

LUMINANCE SUMMARY-CD. / SQ. M.

PAINT REFLECTANCE = .92 S/MH = 1.2
SC = 1.2

ANGLE	ALONG	45	ACROSS
45	2246	2292	2441
55	2105	2291	2465
65	1909	2212	2310
75	1665	1691	1512
85	989	970	868

CERTIFIED BY:

Charles Simon DATE: APR 17, 1998
PREPARED FOR:
CANADIAN FLUORESCENT INDUSTRIES
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 CANADA N2L 5R9

CERTIFIED TEST REPORT NO. LSC7366
COMPUTED BY LSC PROGRAM **TEST-117E**

CFI 2x4 ALTER RECESSED INDIRECT FIXTURE CAT. NO. QV52GPF0S34012003
SPECTRAL BALLAST COVER, WHITE INTERIOR & PERFOR. LAMP SHIELDS, TRANSLUC. LENSES
THREE F32T8/T1841 32W T8 FLUORESCENT LAMPS, LUMEN RATING = 3000 LMS.
ADVANCE 120V 3-LAMP ELECTRONIC BALLAST NO. REL-3P32-RH-TF

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	0			
RCR																					
0	.65	.65	.65	.65	.63	.63	.63	.63	.61	.61	.61	.58	.58	.58	.56	.56	.56	.54			
1	.60	.57	.55	.53	.58	.56	.54	.52	.54	.52	.51	.52	.50	.49	.50	.49	.48	.47			
2	.55	.50	.47	.44	.53	.49	.46	.44	.47	.45	.42	.46	.44	.42	.44	.42	.41	.39			
3	.50	.45	.40	.37	.49	.44	.40	.37	.42	.39	.36	.41	.38	.36	.39	.37	.35	.34			
4	.46	.40	.35	.32	.45	.39	.35	.31	.38	.34	.31	.36	.33	.31	.35	.32	.30	.29			
5	.42	.35	.30	.27	.41	.34	.30	.26	.33	.29	.26	.32	.29	.26	.31	.28	.26	.24			
6	.39	.31	.26	.23	.37	.31	.26	.23	.30	.26	.23	.29	.25	.22	.28	.25	.22	.21			
7	.35	.28	.23	.20	.35	.28	.23	.20	.27	.23	.20	.26	.22	.20	.25	.22	.19	.18			
8	.33	.25	.21	.17	.32	.25	.20	.17	.24	.20	.17	.23	.20	.17	.23	.19	.17	.16			
9	.30	.23	.18	.15	.29	.22	.18	.15	.22	.18	.15	.21	.17	.15	.20	.17	.15	.14			
10	.28	.21	.16	.13	.27	.20	.16	.13	.20	.16	.13	.19	.15	.13	.19	.15	.13	.12			

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 80.3
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST FACTORS HAVE NOT BEEN APPLIED.

Ordering Information

The diagram illustrates the layout of the 3000K LED Panel Light, showing the placement of various options and specifications. The options are arranged in a grid-like fashion, with labels and their corresponding values or descriptions. The options are: QVS (Quality Visual Static), 2 (Recessed direct, indirect soft, light optical system), G (Ceiling Type: Standard exposed, T-grid ceilings), LAMP QUANTITY (3), 40 (LAMP/FIXTURE LENGTH: (NOMINAL 48") 32 = 32W T8), VOLTAGE: (120V, 277V, 347V), OPTIONS: (R = Radio Interference Filter, O = Emergency Lighting System (for Canada), N = Emergency Lighting System (for U.S.)), BALLAST: (OC = Magnetic T8, O3 = Electronic T8 instant start 3LPB*, R3 = Electronic rapid start, 3LPB*, PS = PowerSpec HDF Dimming T8 (Not available in 347V.)), and *LBP : Lamp per ballast.

QVS
QUALITY VISUAL STATIC
Recessed direct
indirect soft
light optical
system

2
FIXTURE WIDTH: 2'

G
CEILING TYPE:
Standard exposed
T-grid ceilings

LAMP QUANTITY
3

40
LAMP/FIXTURE LENGTH:
(NOMINAL 48")
32 = 32W T8

VOLTAGE:
120V
277V
347V

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

BALLAST:
OC = Magnetic T8
O3 = Electronic T8 instant start 3LPB*
R3 = Electronic rapid start, 3LPB*
PS = PowerSpec HDF Dimming T8
(Not available in 347V.)

*LBP : Lamp per ballast

SPECIFICATIONS

MATERIALS: One piece chassis constructed from die formed 20 gauge cold rolled steel. Reflectors - 95% reflectance baked white acrylic matte paint finish. Specular interior reflector. 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. If K.O.s are within 3" of ballast use wire suitable for at least 90C.

LABELS: Listed by  C US

Job Information

Type:

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