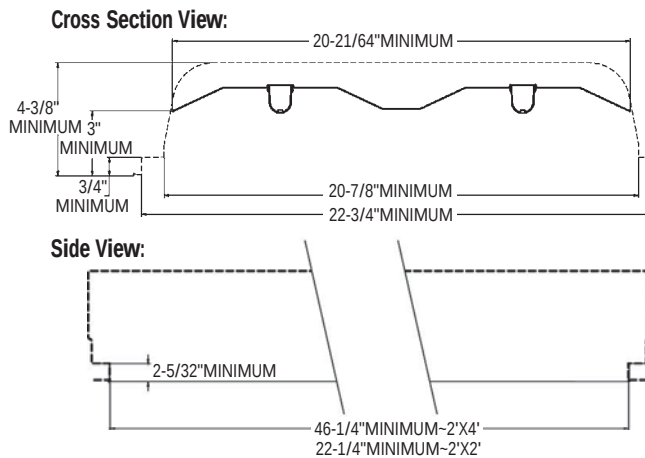




Dimensions above reflect the clearances required in existing fixture for proper GO4 Retro installation.

To insure proper fit a sample installation is recommended.

Ordering information

Explanation of Catalog Number. Example: GOR2G232UNVHI

GO	R	2	G	2				
GO4 Series	Retro	Fixture Width	Ceiling Type	Lamp Quantity	Lamp Type/ Fixture Length	Voltage	Ballast Type	Options
GO = GO4	R = Retrofit	2 = 2'	G = Grid (lay-in T bar)	2 = 2-Lamp	17 = 2' T8 17W 14 = 2' T5 14W 24 = 2' T5HO 24W 32 = 4' T8 32W 28 = 4' T5 28W 54 = 4' T5HO 54W	UNV = 120/277V 347 = 347V	HI = 1-2 lamp elect. I.S. T8, <10% THD PG = 1-2 lamp elect. P.R.S. T5/T5HO, <10% THD PS = Dimming, <10% THD (347V N/A)	Add appropriate suffix to catalog no, ie: F

Features

- GO4 Retro can be used to convert most 2' X 4' and 2' X 2' parabolic or specification grade lens troffers into energy saving luminaires
- GO4 Retro evenly illuminates horizontal and vertical surfaces and is low in brightness
- GO4 Retro is ideal for those areas where you would like to have a minimum of down time such as retail spaces and schools
- Not for continuous row mounting

GO4 Retro 2' X 4'

- 12 Cell 95% reflective flat white powder coated louver
- 84.5% efficient 32 watt T8
- 1.5 space mounting ratio

GO4 Retro 2' X 2'

- 6 Cell 95% reflective flat white powder coated louver
- 80.6% efficient 17 watt T8
- 1.5 space mounting ratio

Options/Accessories

Fusing: Internal fast-blow fusing. SUFFIX F.

Emergency packs not available.

Dimming: For other dimming options, consult factory.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

CFI

525 Education Road, Cornwall, Ontario K6H 6C7 • Phone: 613-938-6221 • Fax: 613-938-0961

We reserve the right to change details of design, materials and finish.

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08/09
www.canlyte.com

Model No. GOR2G232UNVC5* ~ 2' X 4'

LER = FP - 76.0 IW - 53.06 BF - 0.77
Comparative yearly lighting energy cost per
1000 lumens = \$3.16
Report Number: G2008310
Catalog Number: GOR2G232UNVC5*
Lamp: (2) F32T8/841/Alto
Luminaire: GO4 RETRO 2'X4' with
12 cell white louver.
Ballast: Philips Advance 32W Optanium T8
IOP-2P-32-LW-SC*
Report is based on 3100 Lumens per lamp.
Efficiency: 84.5%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.5
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 45.000 21.000

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1869	1869	1869	
5	1861	1859	1864	177
15	1746	1798	1867	509
25	1576	1697	1849	786
35	1358	1549	1770	974
45	1097	1330	1697	1052
55	797	1078	1125	902
65	471	556	454	506
75	219	246	294	262
85	56	65	70	71
90	7	7	5	

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD, EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	70	80	50	30	50	30	10	50	30	10
1	92	89	85	83	81	78	80	78	76	76
2	84	78	72	73	69	65	70	67	64	64
3	77	69	62	65	59	55	62	58	54	54
4	71	61	54	58	52	47	56	51	47	47
5	65	54	47	52	46	41	50	45	40	40
6	60	49	42	47	40	36	45	40	35	35
7	56	44	37	42	36	32	41	36	31	31
8	52	40	33	39	33	28	38	32	28	28
9	48	37	30	36	30	25	35	29	25	25
10	45	34	28	33	27	23	32	27	23	23

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	1472	23.7	28.1
0- 40	2446	39.5	46.7
0- 60	4401	71.0	84.0
0- 90	5239	84.5	100.0
90-180	0	0.0	0.0
0-180	5239	84.5	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	2544.	3084.	3935.
55	2278.	3082.	3216.
65	1827.	2157.	1761.
75	1387.	1558.	1862.
85	1054.	1223.	1317.

*C5 ballast available upon request. Consult factory.

Model No. GOR2G217UNVHI ~ 2' X 2'

LER = FP - 64.4 IW - 30.85 BF - 0.88
Comparative yearly lighting energy cost per
1000 lumens = \$3.73
Report Number: G2008315
Catalog Number: GOR2G217UNVHI
Lamp: (2) F17T8/TL835/Alto
Luminaire: GO4 Retro 2'X2' with
6 cell white louver.
Report is based on 1400 Lumens per lamp.
Efficiency: 80.6%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.5
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 21.000 21.000

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	825	825	825	
5	821	820	823	78
15	766	793	825	225
25	686	746	817	345
35	584	676	785	425
45	463	577	755	457
55	326	455	482	381
65	188	228	186	207
75	91	106	118	109
85	24	26	29	30
90	4	4	3	

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD, EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	70	80	50	30	50	30	10	50	30	10
1	88	85	81	79	77	75	76	74	73	73
2	81	74	69	70	66	63	67	64	61	61
3	74	66	59	62	57	53	60	56	52	52
4	68	58	52	55	50	45	53	49	45	45
5	62	52	45	50	44	39	48	43	39	39
6	58	47	40	45	39	35	44	38	34	34
7	53	43	36	41	35	31	40	34	30	30
8	50	39	32	37	31	27	36	31	27	27
9	46	36	29	34	29	25	33	28	24	24
10	43	33	27	32	26	22	31	26	22	22

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	648	23.1	28.7
0- 40	1073	38.3	47.6
0- 60	1911	68.3	84.7
0- 90	2257	80.6	100.0
90-180	0	0.0	0.0
0-180	2257	80.6	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	2301.	2867.	3751.
55	1997.	2787.	2953.
65	1563.	1895.	1546.
75	1235.	1439.	1602.
85	968.	1048.	1169.

Specifications

Performance: In an installation of 2-lamp 32W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .89. To prevent glare the VCP shall be not less than 72% either lengthwise or crosswise and the average brightness at 65° shall not exceed 2157 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 71.9%.

Materials: Power Tray parts are die-formed code gauge cold rolled steel.

Finish: Power Tray-95% reflective white baked polyester enamel. Rust preventative undercoating. Louver-95% reflective flat white powder coat.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

This product may have a mercury containing lamp.
Manage in accord with Disposal Laws. See: www.lamprecycle.org

Job Information

Type:

CFI

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