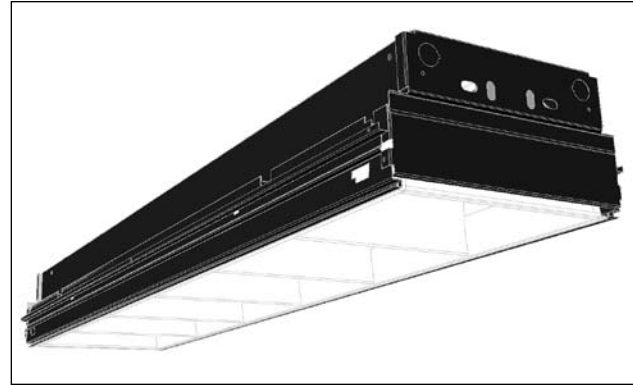
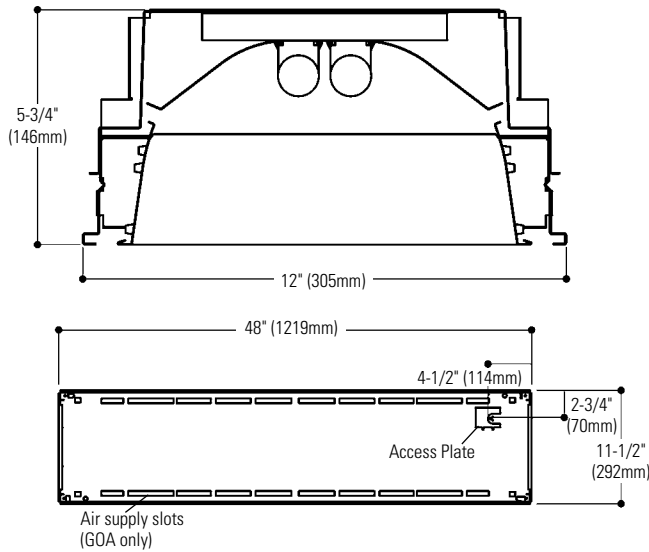




Ordering information

Explanation of Catalog Number. Example: GOS2G232UNVHI

GO		1		2				
G04 Series	Body Style	Fixture Width	Ceiling Type	Lamp Quantity	Lamp Type/ Fixture Length	Voltage	Ballast Type	Options
GO = G04	A = Air Supply S = Static	1 = 1'	G = Grid (lay-in T bar) T = Slot grip or two directional concealed T	1 = 1-Lamp 2 = 2-Lamp	28 = 4' T5 28W 32 = 4' T8 32W 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	Add appropriate suffix to catalog no, ie: F
GO	Standard G04							

Features

- G04 evenly illuminates horizontal and vertical surfaces and is low in brightness
- 80.7% efficient (1-lamp T8)
- 78.7% efficient (2-lamp T8)
- 94% reflective flat white powder coated louver
- 94% reflectance Miro™ reflector system
- 5-3/4" deep body
- One piece housing
- Black exterior for cooler ballast operating temperature
- Built-in earthquake clips (patent no. 5,072,344)
- Spring loaded latches
- 18 gauge steel hinges

Options/Accessories

Plaster Frame: Catalog Number: **PF24**.

Radio Interference Filter: To order one RIF per fixture; SUFFIX: **R**.

To order one RIF per ballast; SUFFIX: **B**.

Fusing: Internal fast-blow fusing. SUFFIX **A**. Internal slow-blow fusing. SUFFIX **C**.

Electrical Wiring Options: Consult factory.

Air Closure Strip: SUFFIX: **ACS4** (factory installed).

Drywall Kit: Order Catalog Number: **FK92X4**.

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

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08/09

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Model No. GOA1G132UNVHI

LER = FP - 72.1 IW - 30.2 BF - 0.87
Comparative yearly lighting energy cost per
1000 lumens = \$3.33

Report Number: G2008157
Catalog Number: GOA1G132UNVHI
Lamp: (1) F32T8/ADV841 Alto Advantage
Luminaire: GO4 1'x4' with 6 cell louver.
Ballast: Advance IOP-1P-32-SC
Report is based on 3100 Lumens per lamp.
Efficiency: 80.7%

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: 45.960 9.480

**COEFFICIENTS OF UTILIZATION –
ZONAL CAVITY METHOD, EFFECTIVE
FLOOR CAVITY REFLECTANCE 0.20**

RC	70	80	50	50	30	10
RW	70	50	30	50	30	10
1	89	85	82	80	78	76
2	82	76	71	71	68	64
3	75	68	62	64	59	55
4	69	61	54	58	52	48
5	64	55	48	52	47	42
6	60	49	43	47	42	37
7	55	45	38	43	38	33
8	52	41	35	40	34	30
9	48	38	32	37	31	27
10	45	35	29	34	29	25

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	2389.	3405.	2626.
55	2040.	2344.	1091.
65	1675.	1430.	1397.
75	1264.	1429.	1703.
85	1061.	1102.	1183.

*Available upon request. Consult factory.

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	838	838	838	
5	832	871	911	85
15	797	1056	1186	289
25	719	1085	1202	475
35	614	986	902	552
45	475	677	522	465
55	329	378	176	306
65	199	170	166	187
75	92	104	124	112
85	26	27	29	30
90	3	2	2	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	849	27.4	34.0
0- 40	1401	45.2	56.0
0- 60	2172	70.1	86.9
0- 90	2500	80.7	100.0
90-180	0	0.0	0.0
0-180	2500	80.7	100.0

Model No. GOS1G232UNVHI

LER = FP - 73.4 IW - 51.2 BF - 0.77
Comparative yearly lighting energy cost per
1000 lumens = \$3.27

Report Number: G2008160
Catalog Number: GOS1G232UNVHI
Lamp: (2) F32T8/ADV841 Alto Advantage
Luminaire: GO4 1'x4' with 6 cell louver.
Ballast: Advance IOP-2P-32-LW-SC
Report is based on 3100 Lumens per lamp.
Efficiency: 78.7%

CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.3
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 45.960 9.480

**COEFFICIENTS OF UTILIZATION –
ZONAL CAVITY METHOD, EFFECTIVE
FLOOR CAVITY REFLECTANCE 0.20**

RC	70	80	50	30	50	30	50	30	10
RW	70	80	50	30	50	30	50	30	10
1	87	83	80	78	76	74	75	73	72
2	80	74	69	70	66	63	67	64	62
3	73	66	60	62	58	54	60	56	53
4	68	59	53	56	51	47	54	50	47
5	63	53	47	51	46	41	49	45	41
6	58	49	42	46	41	37	45	40	37
7	54	44	38	42	37	33	41	36	33
8	51	41	34	39	34	30	38	33	30
9	47	37	31	36	31	27	35	30	27
10	45	35	29	34	28	25	33	28	25

LUMINANCE DATA IN CANDELA/SQ. METER

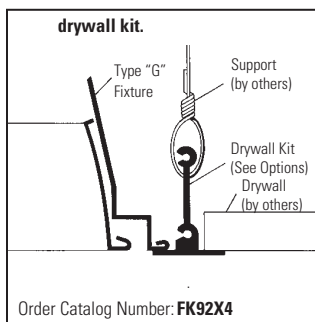
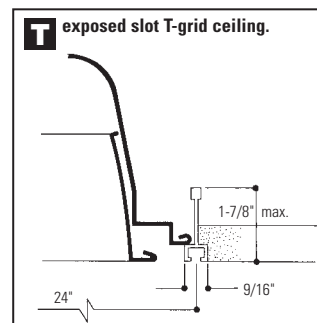
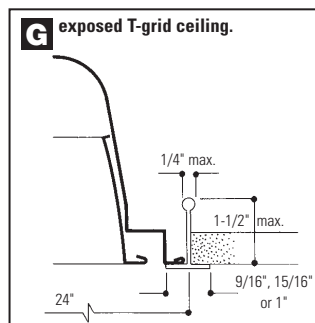
AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	5316.	6151.	5346.
55	4408.	4669.	2945.
65	3475.	2945.	2642.
75	2487.	2762.	3229.
85	2040.	2040.	2122.

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1937	1937	1937	
5	1915	2029	2114	196
15	1814	2206	2316	604
25	1621	2051	2023	902
35	1371	1684	1597	1014
45	1057	1223	1063	899
55	711	753	475	624
65	413	350	314	369
75	181	201	235	216
85	50	50	52	56
90	5	4	4	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	1702	27.5	34.9
0- 40	2716	43.8	55.7
0- 60	4238	68.4	86.9
0- 90	4879	78.7	100.0
90-180	0	0.0	0.0
0-180	4879	78.7	100.0

Mounting Methods**Specifications**

Performance: In an installation of 1 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 .85.

Air Handling (GOA only) side air passages for air supply or air return. Optional side closure strips.

Materials: Chassis parts are die-formed code gauge cold rolled steel. Side rails hemmed over and housing ends turned-in for safe handling. Reflector is 94% reflective aluminum.

Finish: Chassis exterior—black baked polyester enamel. Rust preventative undercoating.

Louver—94% 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°.

Labels: cULus Listed.

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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