LightLab
INTERNATIONAL

LightLab International
Brisbane QLD 4019.

Report of Test

LL21691

Interglo Lighting Suspended LED Luminaire. Product ID: GEO RPS5075.
Extruded aluminium body with white finish, extent ~ 610 x 50 x 75 mm deep.
Translucent textured diffuser forms luminous opening of 599 x 45 mm. Semi-specular reflector about LEDs.
One Tridonic LLE G4 24x560mm 2400lm 840 2T ADV PCB centred 21 mm above L/O.
One Tridonic 20W 150-400mA TOP lp 220-240V 50/60Hz electronic driver, set to “0225mA” output.
Tested at 240 V 50 Hz. Measured I = 67 mA.

Performance Summary

Luminous flux	1311	lm
Luminaire Power	12.3	W
Luminous Efficacy	106	lm/W
SHR Nominal	1.50	
SHR Maximum	1.57	

PREPARED FOR : Interglo Lighting, 11E Plane Tree Ave., Dingley Village. VIC. 3172.

ORIGINAL
REPORT

USA west coast LightLab International, LLC, 24825 N. 16th Avenue, Suite 125, Phoenix, AZ, 85085, Ph : +1 623-434-1499, Fx : +1 623-434-1492, www.lightlabint.com
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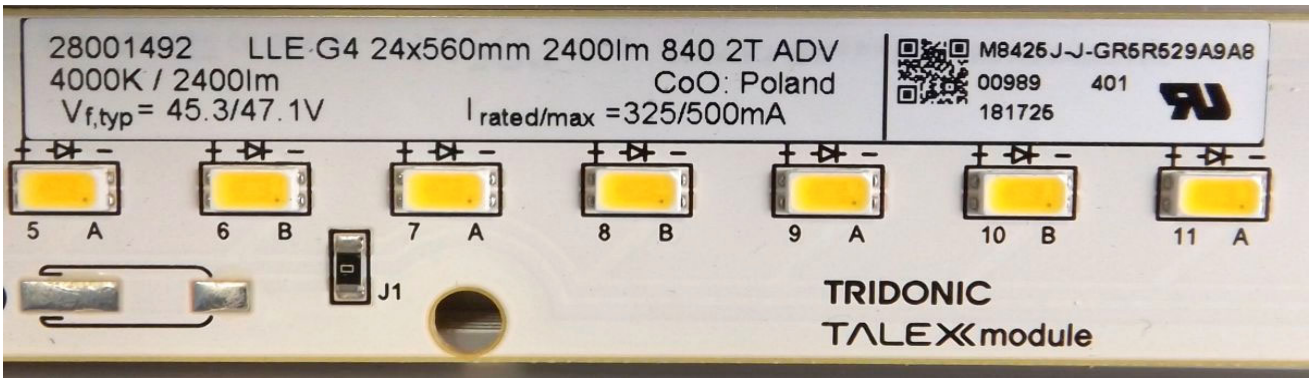

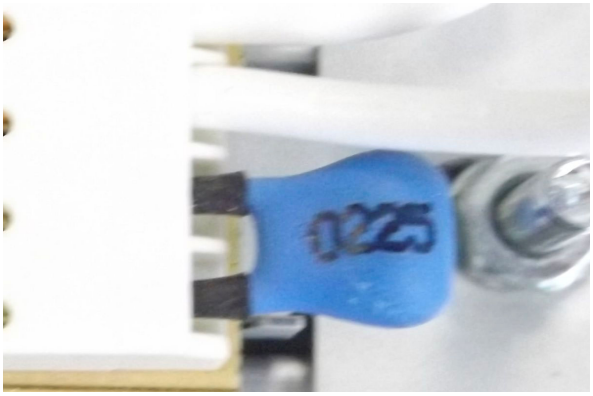

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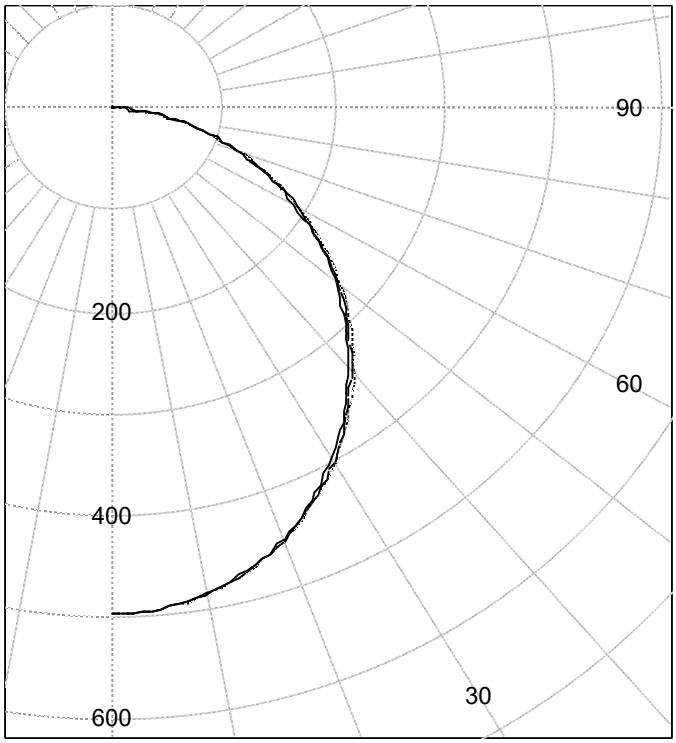
Legend: C0-Solid, C45-Dashed, C90-Grey (cd)



(Two plane symmetry) C0-C90

INTENSITY SUMMARY (cd)

Gamma	C-Plane C0	C22.5	C45	C67.5	C90	Flux (lm)
0.0	497	497	497	497	497	
5.0	494	494	494	494	494	47
10.0	485	485	485	486	486	
15.0	470	471	471	472	472	133
20.0	451	450	452	453	453	
25.0	425	426	428	429	429	197
30.0	396	398	400	401	402	
35.0	365	365	368	370	372	230
40.0	331	332	335	338	339	
45.0	297	299	302	304	305	232
50.0	263	263	266	268	269	
55.0	226	227	230	231	233	205
60.0	189	190	193	194	194	
65.0	153	153	155	156	158	153
70.0	118	118	118	119	119	
75.0	83	84	83	83	83	88
80.0	52	52	51	49	49	
85.0	24	24	23	22	21	26
90.0	0	0	0	0	0	

AVERAGE LUMINANCE (cd / sq.m)

Gamma	C0	C45	C90
45.0	15595	15819	15993
55.0	14589	14869	15094
65.0	13457	13572	13842
75.0	11934	11953	11930
85.0	10268	9846	8929

ZONAL FLUX AND PERCENTAGES

Zone	Flux (lm)	% Lamp	% Luminaire
0-30	376	N / A	28.7
0-40	607	N / A	46.3
0-60	1044	N / A	79.6
0-90	1311	N / A	100.0
40-90	705	N / A	53.7
60-90	268	N / A	20.4
90-180	0	N / A	0.0
0-180	1311	N / A	100.0

Light Output Ratio = N / A

SHR-NOM = 1.50
SHR-MAX = 1.57

Calculated using the TM5 fine grid method.

CERTIFIED BY: K Monaghan

Kevin Monaghan
Authorised Signatory

Date of test 7-Mar-2019
Date of report 22-Mar-2019

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Intensity data (cd)

	C-Plane				
Gamma	**C0**	**C22.5**	**C45**	**C67.5**	**C90**
0.0	497	497	497	497	497
2.5	496	496	496	496	496
5.0	494	494	494	494	494
7.5	491	490	490	490	490
10.0	485	485	485	486	486
12.5	478	479	479	479	479
15.0	470	471	471	472	472
17.5	461	462	462	463	462
20.0	451	450	452	453	453
22.5	439	439	440	441	442
25.0	425	426	428	429	429
27.5	411	412	414	416	415
30.0	396	398	400	401	402
32.5	381	383	385	387	387
35.0	365	365	368	370	372
37.5	348	349	352	354	355
40.0	331	332	335	338	339
42.5	315	315	319	321	322
45.0	297	299	302	304	305
47.5	279	281	284	285	288
50.0	263	263	266	268	269
52.5	244	245	248	249	250
55.0	226	227	230	231	233
57.5	207	208	211	212	214
60.0	189	190	193	194	194
62.5	171	171	174	175	176
65.0	153	153	155	156	158
67.5	135	136	137	138	138
70.0	118	118	118	119	119
72.5	100	100	101	101	101
75.0	83	84	83	83	83
77.5	68	67	66	66	64
80.0	52	52	51	49	49
82.5	38	38	36	35	34
85.0	24	24	23	22	21
87.5	13	12	12	11	10
90.0	0	0	0	0	0

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Accredited for compliance with ISO/IEC 17025 - Testing.
The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.
Accreditation No. 2258.

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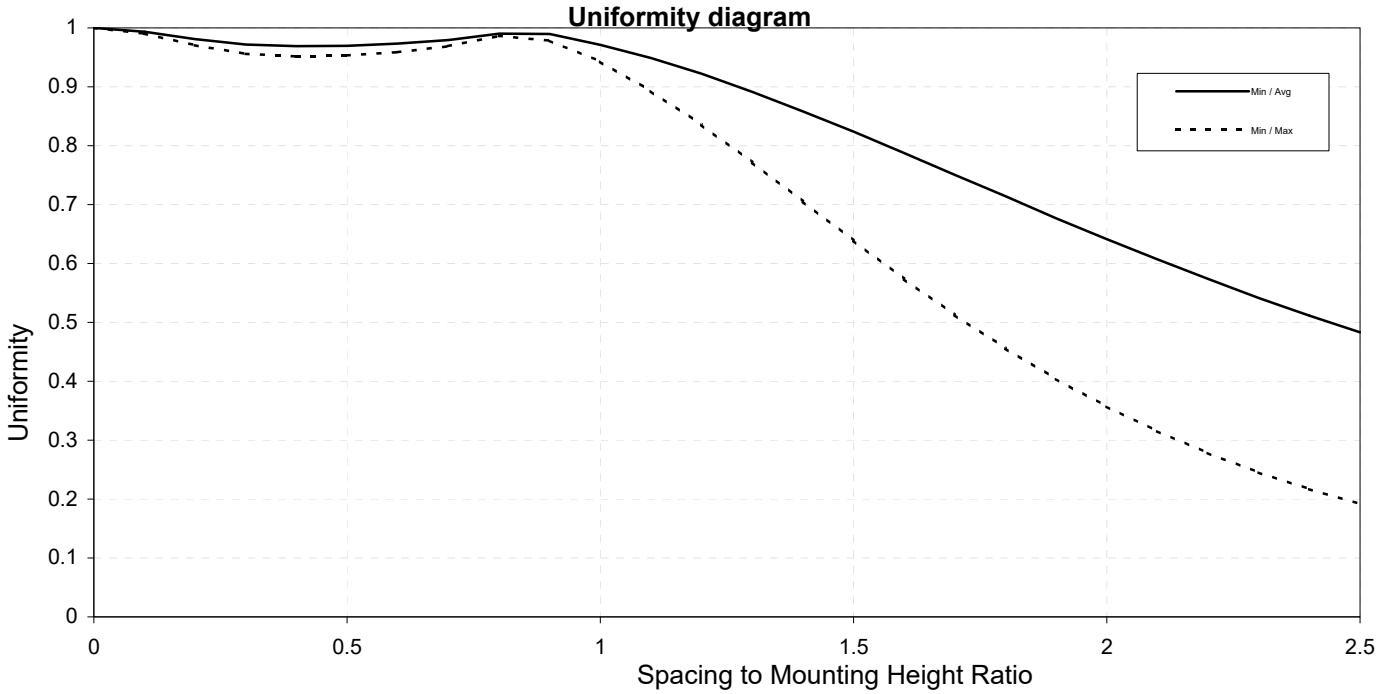

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Test Distance: 8.0 metres

Test Temperature: 25.6 degrees Celsius

Significance: This laboratory has no control over the selection of samples to be tested. All testing is performed on the understanding that the significance of the report is limited to the extent that the test sample is representative of production units.

Special Notes:

The intensity values contained in this report are shown as tested. When using these values in calculations the appropriate Ballast Factor and Manufacturer's rated lumens MUST be taken into account.

It should also be noted that prorating the lumen output for the use of other lamp/ballast combinations, or for use in different environmental conditions, than that tested may produce erroneous results.
The generic term "LOR" is used in this report, it denotes the "Light Output Ratio Luminaire" as defined in Australian Standard AS1680, Part 3, 1991, Section 1.3.9.

This report is free of erasures and corrections.

Photometric intensity values are reported using the CIE Cgamma coordinate system as described in CIE Publication number 121.

Testing Procedure: Tested in accordance with the applicable sections of CIE Publication Number 121; and with reference to Australian Standard AS1680, Part 3, 1991.

Measurement Uncertainties: Measurement uncertainties are available on request

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