

Test Report

Luminaire Manufacturer

Lighting Device

Test Report Code



	
Approved by Laboratory Director (PT-DLAB)	Approved by Laboratory Technician

Report Date 11/11/16

Attachments		
▶ Photometric Test Report		<input type="checkbox"/>
▶ Electrical Parameters Measurement		<input type="checkbox"/>
▶ Results of TSI Photometric Test		<input type="checkbox"/>
▶ Colorimetric Test Report		<input type="checkbox"/>
▶ Colorimetric and Luminance Test Report		<input type="checkbox"/>
▶ Emergency Test Report		<input checked="" type="checkbox"/>
▶ Parasite Light Test (Background Noise Assessment)		<input type="checkbox"/>
▶ Declaration of Conformity to Regional Laws regarding Light Pollution		<input type="checkbox"/>
▶ Conformity Assessment to IMQ Performance - April 2014		<input type="checkbox"/>
▶ Measuring system check		<input type="checkbox"/>
▶ List of photometric data processing attached		<input checked="" type="checkbox"/>

Index

1.	Emergency Test Report	3
1.1	Emergency Measurement Results	5
1.2	Test Notes.....	5
2.	List of Photometric Data Processing Attached.....	5

1. Emergency Test Report

Emergency Test Code	
---------------------	--

Laboratory Director	Mr. Stefano Borsani
Laboratory Technician	Mr. Abdellatif Zaher

Manufacturer Data

Manufacturer	
OxyTech Manufacturer Code	
Address	
Contact Person	

Lighting Device Data

Type	
Model	
Description	
Dimensions [mm]	
Light Area Dimensions [mm]	
Led Type and Make	
Ballast Type and Make	
Heat Sink Type and Make	
Lamp Type and Power [W]	
Laboratory Ballast/ Lamp References	
Notes	

Test Data

Test Date	
Measurement Type	C- γ Asymmetric
Reference Norm	CEI EN 60598-2-22:2015-Cap. 22-17
Internal Reference Documents	Procedure PT1006a Instruction IS1006
Lamp Stabilization Time	
Number of Samples Tested	1

Uncertainties

Source Instability	=< 1%
Efficiency Calculation Uncertainty (LOR)	2.5%
Luminous Intensity Normalized Values	2.5%
Angular Precision in C and γ	$\pm 0.05^\circ$

Laboratory Measuring Instruments

Goniophotometer (G2)	T2 Luminaire rotation Goniophotometer in accordance with: Norms and Recommendations	
	<ul style="list-style-type: none"> ▶ EN 13032-1:2004 Chap. 6.1.1.1 – Goniophotometer types 1.1, 1.2 and 1.3 ▶ CIE 70-1987 Chap.5 - Goniophotometer with facility for turning the light source 	
	Serial Number: OX-018	
	Measuring distance: 6.44 m	
Voltage Stabilizer	Electrotest model TPS/M 6000-	Serial Number: OX-037
Multimeter	Yokogawa Wt130	Serial Number: OX-014
Luxmeter	C&G Labolux	Serial Number: OX-034
Anemometer	Delta Ohm-HD2001.2	Serial Number: OX-046
Thermometer	Delta Ohm-HD2001.2	Serial Number: OX-047

Measurement of Electrical Parameters

Source Voltage	230 V ± 0.2%
Harmonic Distortion	< 0,5%
Source Frequency	50 Hz ± 0.1%

Environmental Conditions

Laboratory Temperature [°C]	25°C ± 1°C
Relative Humidity	60%
Air Movement	< 0,2 m/s

Emergency Measurement Detail

Test Description	<ol style="list-style-type: none"> 1. The lamp has been operated for 100 hours 2. Photometric measurement of the luminaire has been carried out 3. The luminous emission of the luminaire has been measured using a lamp fed at 230V(tab. 1) 4. Gamma 0 values have been measured according to the following procedure: <ul style="list-style-type: none"> • the batteries were charged for 24 hours at 207V • the values were measured at C0 and Gamma0 (tab. 2)
<p>N.B. – The original emergency values of the luminaire are shown in the file XXXXXXXXXXXX.xls</p> <p style="text-align: center;">attached to this report.</p>	

1.1 Emergency Measurement Results

1. Measurement at Mains voltage	Mains source [V]	230 V					
	Illuminance at Gamma 0° [lux]	6.59 lx					
	Luminaire Flux [lm]	312.057 lm					
2. Measurement at Battery Voltage	Time Interval	5s	1min	15min	30min	45min	1h
	Illuminance [lux]	6,114	6,094	5,926	5,911	5,891	5,825
	Luminaire Flux in emergency mode [lm]	289,5	288,5	280,62	279,89	278,94	275,81
3. Luminaire Minimum Flux from 1 min up to battery discharge	Time Interval	59min30s		5s			
	Illuminance [lux]	5,813		6,114			
	Minimum Flux measured in emergency mode [lm]	275,259		The luminaire under trial <input checked="" type="checkbox"/> has <input type="checkbox"/> does not have luminous flux equal to or greater by 50% to the minimum flux measured after 5s.			

1.2 Test Notes

- The data in this report correspond to those obtained as per the above-described test
- This Report only concerns the sample under trial
- The information contained in this report cannot be extended to other sample luminaires that differ in any way from those used in this test
- The Test Report Code is shown on the luminaire shield and reflector and cannot be deleted

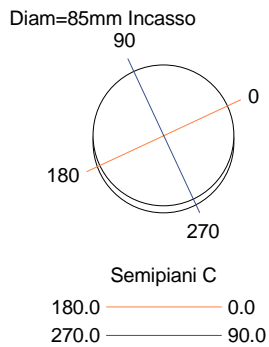
	
Approved by Laboratory Director (PT-DLAB)	Approved by Laboratory Technician

2. List of Photometric Data Processing Attached

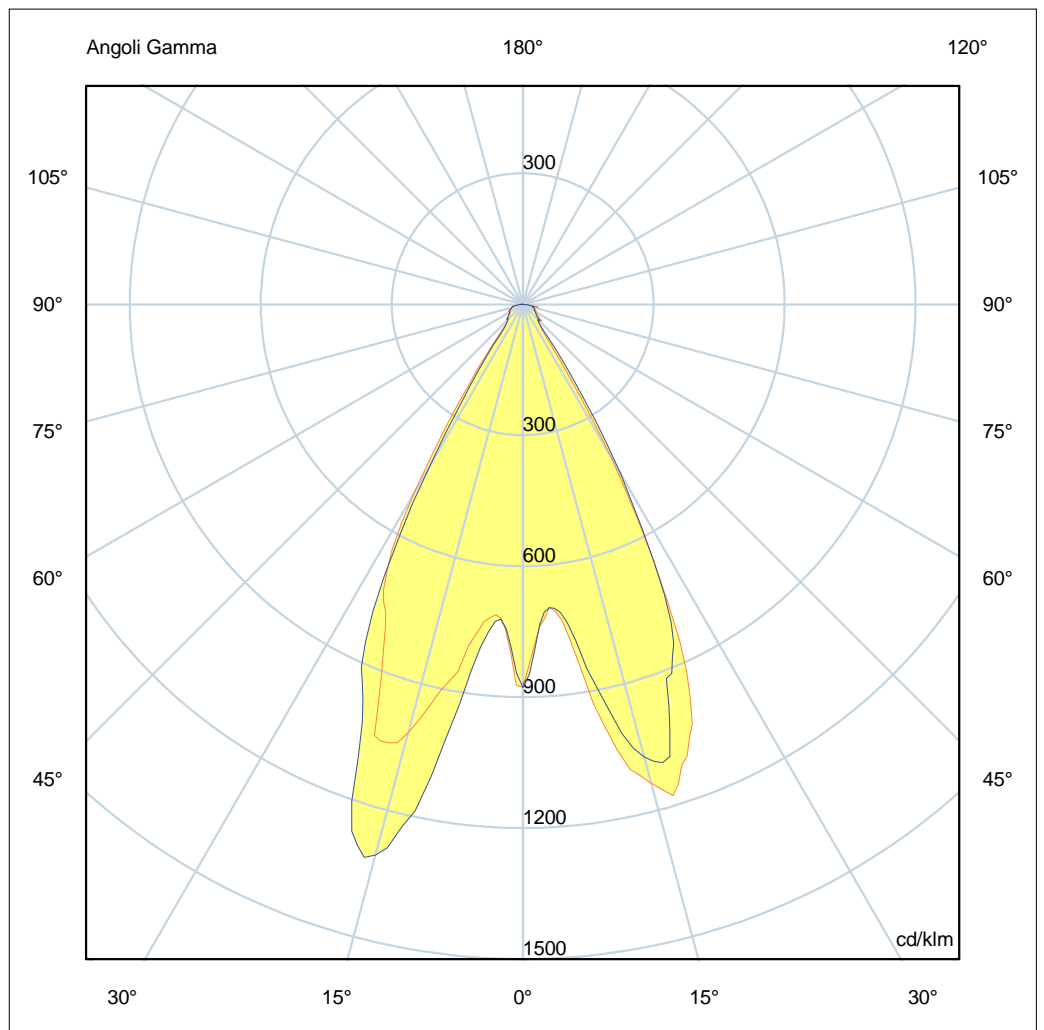
Data Processing Index	o Intensity Matrix [cd/klm]		<input checked="" type="checkbox"/>
	o Polar Diagram		<input checked="" type="checkbox"/>
	o Cartesian Diagram		<input type="checkbox"/>
	o Standard Photometric File Formats	Eulumdat	<input type="checkbox"/>
		IESNA	<input type="checkbox"/>
		OXL OxyTech	<input checked="" type="checkbox"/>

Luminaire		Measur.		Lamp			
Code	LED Emergency	Code	LED Emergency	Code	LED Emergency		
Name	LED Emergency	Name	LED Emergency	Number	1		
Line	Eulumdat	Date	29-08-2016	Position			
Luminaire Flux	275.26 lm	Luminaire Power	4.80 W	Efficacy	57.35 lm/W	Efficiency	100.00%
Lamps Flux	275.26 lm	Maximum value	1474.56 cd/klm	Position	C=330.00 G=14.00	CG	Asymmetrical
Round Recessed Luminaire		Diam.	85 mm	Height	15 mm		
Round Luminous Area		Diam.	25 mm	Height	11 mm		
Horizontal Luminous Area	0.000491 m2			Emitting area on Plane 180°	0.000275 m2		
Emitting area on Plane 0°	0.000275 m2			Emitting area on Plane 270°	0.000275 m2		
Emitting area on Plane 90°	0.000275 m2			Glare area at 76°	0.000386 m2		
Coordinate system	CG	Symmetry Type	Asymmetrical				
Date	29-08-2016	Maximum Gamma Angle	180				
Measurement Distance	6.44	Measurement Flux	311.28 lm				
Operator	AZ	Source Voltage [V]					
Temperature	25.30 °C	Source current [A]					
Humidity	51.50 %	Photocell			C&G - OX034		
Notes							

Line	Code	Luminaire Lamps	Flux [lm]	Pow. [W]	Q.ty
LED Emergency	LED Emergency	Name LED Emergency	275.26	4.80	1
C.I.E.	87 93 98 99 100	D DIN 5040	A61		
F UTE	0.99 A + 0.01 T	B NBN	BZ 1		



ULOR 0.52 %
DLOR 99.48 %
RN 0.52 %



Luminaire		Measuram.		Lamp									
Code	LED Emergency	Code	LED Emergency	Code	LED Emergency								
Name	LED Emergency	Name	LED Emergency	Number	1								
Line	Eulumdat	Date	29-08-2016	Position									
Luminaire Flux	275.26 lm	Luminaire Power	4.80 W	Efficacy	57.35 lm/W	Efficiency	100.00%						
Lamps Flux	275.26 lm	Maximum value	1474.56 cd/klm	Position	C=330.00 G=14.00	CG	Asymmetrical						
Luminous Intensity Table cd/klm Table 1/9													
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39
G 1.0	826.85	825.90	838.19	843.94	851.04	856.57	860.52	846.83	850.23	847.23	855.97	855.74	852.64
G 2.0	777.77	759.89	761.31	776.09	791.94	799.21	805.18	800.55	801.19	791.54	800.83	801.81	795.29
G 3.0	739.49	716.50	707.39	711.01	720.34	706.08	732.06	743.04	735.90	735.47	741.09	734.50	745.47
G 4.0	720.59	695.06	676.73	667.12	661.83	667.41	678.98	684.85	697.43	705.76	710.29	715.65	722.27
G 5.0	697.02	667.72	652.13	648.42	644.59	653.92	666.98	678.82	689.01	697.46	704.86	709.79	714.85
G 6.0	706.35	666.59	644.89	641.96	649.65	670.34	685.55	688.93	695.11	700.04	706.46	718.55	720.28
G 7.0	727.86	698.50	662.27	659.88	674.45	702.71	730.33	737.04	711.60	711.77	720.41	735.28	742.66
G 8.0	773.33	728.71	685.91	690.84	721.28	765.08	824.55	810.33	751.25	738.81	739.27	759.58	775.07
G 9.0	838.26	773.20	732.47	735.21	792.46	874.13	984.01	910.05	805.35	781.67	770.46	787.03	809.19
G 10.0	926.39	808.89	773.75	789.27	873.11	1008.58	1121.17	1040.18	896.57	847.88	820.53	836.11	862.53
G 11.0	985.64	821.93	790.01	817.60	934.22	1089.04	1197.91	1166.44	982.92	896.83	860.99	865.00	900.86
G 12.0	1045.46	856.03	818.17	875.35	1015.53	1176.98	1282.11	1206.43	1041.68	949.87	900.90	906.28	934.26
G 13.0	1092.97	918.18	852.91	922.85	1084.26	1216.56	1319.19	1247.85	1099.65	1009.06	954.23	964.85	1006.05
G 14.0	1112.55	976.81	903.98	981.85	1130.91	1253.79	1324.22	1256.89	1140.48	1048.01	996.65	1007.91	1058.05
G 15.0	1135.29	1033.69	969.41	1018.39	1138.32	1259.68	1321.87	1253.53	1162.59	1072.94	1020.82	1040.53	1096.91
G 16.0	1155.93	1104.00	1043.35	1061.62	1148.31	1250.36	1300.38	1254.57	1174.10	1088.63	1037.32	1058.00	1106.39
G 17.0	1176.41	1141.03	1112.84	1087.46	1138.56	1207.72	1236.72	1226.23	1170.33	1097.81	1053.43	1053.31	1099.43
G 18.0	1153.58	1144.29	1135.19	1115.54	1128.02	1139.60	1152.43	1129.65	1131.13	1089.24	1052.20	1043.95	1085.35
G 19.0	1117.49	1107.27	1114.17	1092.65	1082.42	1049.49	1044.66	1044.95	1047.66	1034.05	1023.17	1009.34	1027.14
G 20.0	1100.33	1096.82	1081.99	1061.15	1016.95	977.82	967.92	963.34	978.08	979.12	962.53	931.34	944.17
G 21.0	1064.87	1044.79	1044.12	1026.85	999.21	964.08	941.99	919.07	926.91	917.45	897.90	883.41	866.83
G 22.0	1036.38	1023.35	1014.80	989.72	963.82	917.15	918.74	906.48	913.77	911.37	886.78	849.56	852.45
G 23.0	981.70	989.43	985.71	950.78	916.57	858.39	869.13	856.31	871.71	877.16	846.39	822.02	818.50
G 24.0	923.67	935.27	935.52	905.68	857.85	804.42	804.18	805.22	822.52	849.40	834.19	816.30	818.60
G 25.0	850.92	856.54	862.99	845.18	792.25	746.95	729.49	751.90	775.28	804.14	815.44	796.79	777.05
G 26.0	753.08	757.06	774.94	746.65	732.36	698.13	681.24	693.88	720.42	739.82	756.13	739.37	718.41
G 27.0	662.49	663.18	648.43	666.65	667.64	648.73	632.43	615.01	641.76	659.02	686.05	670.66	648.68
G 28.0	571.21	577.93	569.56	577.82	593.34	579.63	574.29	550.00	563.71	583.63	613.39	590.46	571.49
G 29.0	481.41	482.41	493.76	481.78	512.26	506.50	515.00	498.37	499.24	505.38	534.04	513.36	503.23
G 30.0	404.91	391.64	419.46	414.35	419.60	431.90	436.32	448.17	440.35	447.76	458.68	442.27	436.56
G 31.0	319.13	326.18	330.78	332.64	342.57	349.22	371.91	366.96	381.68	376.29	389.47	367.54	364.29
G 32.0	249.97	250.25	251.89	253.25	273.56	273.27	296.10	307.57	320.86	315.88	309.84	301.44	296.82
G 33.0	188.19	177.56	182.30	194.04	209.92	212.32	226.53	242.01	258.36	251.84	254.46	244.81	254.49
G 34.0	138.14	127.23	130.91	140.17	156.16	161.25	175.47	184.16	207.21	206.57	211.34	203.13	204.23
G 35.0	102.62	98.42	97.15	107.88	124.09	123.53	137.36	147.60	164.97	167.16	173.72	164.23	165.74
G 36.0	85.83	82.95	82.73	86.58	97.45	97.99	104.88	116.01	128.97	131.22	137.18	133.41	133.55
G 37.0	76.60	73.96	74.86	76.88	81.62	83.72	87.86	91.48	101.55	102.51	108.87	102.21	104.51
G 38.0	68.45	67.43	68.07	68.68	70.77	72.20	75.69	77.16	81.39	81.43	85.92	84.46	80.86
G 39.0	63.40	62.37	63.25	62.63	64.04	65.77	67.90	68.35	70.50	68.95	70.55	69.61	69.70
G 40.0	59.28	58.83	59.25	58.55	59.41	60.22	61.73	60.84	63.10	62.36	63.94	62.51	62.55
G 41.0	56.22	55.34	56.07	55.49	55.88	56.48	57.57	56.10	57.65	57.58	58.07	57.56	57.28
G 42.0	54.28	53.58	54.02	54.16	53.46	53.90	54.74	53.04	54.21	53.65	54.21	53.62	53.47
G 43.0	52.76	52.33	52.81	52.73	51.96	52.46	53.39	50.54	50.96	50.83	51.36	50.58	51.00
G 44.0	51.60	51.32	51.75	51.31	50.90	51.22	51.91	48.80	49.09	48.69	49.04	48.82	49.79
G 45.0	50.46	50.28	50.91	49.81	50.30	50.28	50.69	48.39	48.01	49.37	49.25	50.28	48.73
G 46.0	49.28	49.18	49.47	49.79	50.37	51.68	49.25	51.73	53.36	53.91	51.17	51.16	50.21
G 47.0	49.16	51.29	51.42	52.84	54.49	54.37	47.91	51.72	50.63	49.60	50.60	50.13	49.54
G 48.0	53.12	54.79	55.70	58.55	53.56	53.63	46.79	47.53	48.28	46.61	46.64	45.76	47.13
G 49.0	56.42	54.36	53.55	50.57	48.56	48.10	45.09	44.82	43.97	43.23	43.23	42.72	44.49
G 50.0	51.96	47.98	46.72	46.63	46.25	46.13	43.42	44.46	43.23	42.34	42.03	42.07	42.96
G 51.0	47.78	45.89	45.44	45.27	44.19	43.51	42.64	42.23	41.37	40.93	41.62	42.23	42.25
G 52.0	45.65	44.75	43.14	42.92	42.20	41.67	41.88	40.29	39.81	39.60	39.93	40.31	40.47
G 53.0	44.05	42.50	41.23	41.15	40.93	40.22	40.19	39.12	38.50	38.10	38.61	38.46	38.63
G 54.0	42.50	40.73	40.40	39.83	39.56	39.18	39.02	38.17	37.65	37.37	37.61	36.87	37.36
G 55.0	40.53	39.88	40.09	39.27	38.79	38.24	38.45	37.21	36.70	36.51	36.09	35.79	36.49
G 56.0	39.02	38.44	38.05	38.23	37.78	37.24	37.31	36.40	35.80	35.65	34.86	35.11	35.68
G 57.0	37.64	36.52	36.36	36.24	36.32	36.66	36.23	35.62	34.87	34.65	33.85	34.32	34.88
G 58.0	36.59	35.87	34.97	34.50	34.63	35.70	35.61	34.94	34.36	33.75	33.37	33.67	34.43
G 59.0	36.25	35.45	34.34	33.97	33.86	34.45	34.92	34.12	33.65	33.13	32.89	33.52	34.41
G 60.0	35.77	35.11	33.96	33.93	33.77	33.88	34.58	33.49	32.89	32.18	32.10	32.79	34.38
G 61.0	35.38	34.70	34.36	33.97	33.49	33.87	33.94	33.24	32.25	31.45	31.24	31.95	33.96
G 62.0	34.51	34.14	32.93	32.31	32.52	32.42	33.28	32.87	31.65	30.94	30.88	31.39	33.28
G 63.0	33.68	33.27	32.12	31.74	31.81	31.69	32.50	31.85	31.12	30.34	30.39	30.73	32.96
G 64.0	32.76	31.90	31.15	30.88	31.36	31.14	31.85	31.14	30.44	30.04	29.93	30.23	32.43
G 65.0	31.96	31.00	30.33	30.01	30.54	30.68	31.33	30.16	29.70	29.52	29.47	29.67	31.46
G 66.0	31.51	30.64	29.81	29.44	29.73	30.15	30.64	29.63	29.54	29.22	28.98	29.33	30.93
G 67.0	30.98	30.23	29.37	28.99	29.35	29.95	30.18	29.48	29.57	28.85	28.83	29.37	30.61
G 68.0	30.72	29.92	28.76	28.49	29.10	29.70	29.30	28.58	28.97	28.57	28.47	29.11	29.80
G 69.0													

Luminaire		Measuram.				Lamp							
Code	LED Emergency	Code	LED Emergency	Code	LED Emergency	Code	LED Emergency						
Name	LED Emergency	Name	LED Emergency	Number	1	Position							
Line	Eulumdat	Date	29-08-2016										
Luminaire Flux	275.26 lm	Luminaire Power	4.80 W	Efficacy	57.35 lm/W	Efficiency	100.00%						
Lamps Flux	275.26 lm	Maximum value	1474.56 cd/klm	Position	C=330.00 G=14.00	CG	Asymmetrical						
Luminous Intensity Table cd/klm Table 2/9													
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39
G 1.0	853.27	846.11	835.09	811.91	797.35	782.54	767.83	753.12	738.41	723.70	709.00	694.29	679.58
G 2.0	799.53	788.76	777.24	759.26	746.81	734.36	721.91	709.46	697.01	684.56	672.11	659.66	647.21
G 3.0	750.33	751.15	736.91	720.36	706.91	693.46	680.01	666.56	653.11	639.66	626.21	612.76	599.31
G 4.0	728.57	732.17	726.54	722.92	727.01	720.72	712.53	704.34	696.15	687.96	679.77	671.58	663.39
G 5.0	732.65	736.08	727.85	725.21	732.60	713.71	712.53	716.10	729.45	736.81	747.44	760.16	774.11
G 6.0	739.48	757.62	755.71	744.12	753.38	721.28	714.13	735.05	742.57	769.23	790.14	816.95	843.76
G 7.0	761.99	799.82	809.37	779.64	785.36	732.69	732.83	758.68	768.95	808.41	846.90	889.22	931.54
G 8.0	802.13	864.09	902.68	837.47	819.15	761.40	754.86	778.25	807.13	862.56	947.12	1030.69	1118.26
G 9.0	853.40	984.51	1063.58	958.84	899.58	790.16	781.73	831.17	853.71	943.05	1074.67	1179.74	1284.81
G 10.0	943.65	1111.74	1193.20	1070.18	965.87	854.31	834.74	855.53	888.74	1004.83	1164.24	1261.46	1368.68
G 11.0	999.03	1178.28	1253.39	1133.03	1019.78	878.33	829.94	849.02	919.05	1075.92	1227.35	1331.10	1434.85
G 12.0	1058.65	1224.25	1287.47	1185.91	1074.54	902.60	835.85	865.29	969.38	1125.39	1288.35	1399.93	1511.51
G 13.0	1106.00	1238.87	1303.44	1217.67	1112.32	941.33	864.43	893.42	1010.42	1176.13	1322.48	1430.72	1538.96
G 14.0	1148.19	1255.64	1295.24	1231.59	1133.02	978.79	915.96	927.42	1032.28	1202.83	1333.27	1427.99	1533.51
G 15.0	1165.83	1259.56	1272.37	1223.48	1138.72	1015.80	959.25	972.03	1062.86	1195.77	1334.31	1410.61	1486.91
G 16.0	1170.31	1242.33	1233.54	1197.54	1125.62	1044.81	991.11	1020.77	1076.46	1171.98	1307.95	1377.53	1457.11
G 17.0	1154.60	1186.30	1182.45	1137.51	1108.08	1050.05	1022.12	1056.33	1083.19	1155.53	1254.59	1311.64	1368.54
G 18.0	1106.04	1099.75	1075.42	1043.63	1061.97	1051.87	1043.16	1068.13	1083.80	1118.70	1147.85	1214.30	1275.80
G 19.0	1008.94	1000.22	969.21	953.08	977.00	1044.62	1044.24	1044.86	1042.02	1055.85	1047.73	1069.21	1119.34
G 20.0	921.34	921.47	890.74	890.59	895.92	966.85	978.72	980.20	984.27	1000.86	990.58	1005.21	1026.55
G 21.0	868.12	859.17	844.96	843.60	848.71	901.43	902.29	898.79	926.96	946.40	930.12	933.39	957.76
G 22.0	832.31	812.44	793.41	782.78	797.67	853.65	857.21	854.22	881.25	887.10	872.78	882.27	897.90
G 23.0	801.36	763.23	738.00	744.25	761.72	807.13	817.92	814.52	837.76	828.48	818.31	827.73	834.66
G 24.0	760.30	711.04	685.74	699.98	722.03	771.88	771.94	773.74	787.25	784.47	763.91	777.21	777.91
G 25.0	707.72	665.89	647.58	652.78	673.14	754.23	748.39	746.91	763.98	737.23	708.18	709.04	715.40
G 26.0	645.17	614.91	604.06	596.21	634.81	727.93	735.17	737.65	720.23	680.88	645.95	641.29	659.69
G 27.0	584.84	560.47	552.68	540.71	596.85	686.65	716.98	709.08	676.28	636.91	596.48	592.58	591.65
G 28.0	519.28	506.07	501.92	488.79	538.59	639.27	662.51	641.32	618.04	587.81	545.78	532.20	532.39
G 29.0	463.43	452.67	447.05	435.02	466.41	572.47	581.67	564.26	540.73	526.34	500.10	478.64	473.60
G 30.0	405.80	404.40	393.28	383.24	402.12	494.45	493.02	462.06	447.34	457.75	437.58	425.63	414.19
G 31.0	354.07	353.90	342.30	331.93	333.28	412.34	398.19	379.06	371.10	384.06	370.96	367.48	357.30
G 32.0	301.87	304.72	294.94	275.23	276.40	341.48	326.96	313.06	301.98	320.80	315.79	306.91	292.21
G 33.0	250.79	247.41	248.97	236.28	225.69	277.09	255.82	245.88	247.25	268.91	250.99	250.80	239.11
G 34.0	201.49	197.85	207.46	183.64	178.41	223.09	216.42	198.88	198.11	205.07	199.78	200.57	187.78
G 35.0	155.34	163.20	165.65	147.55	143.14	180.67	175.81	163.51	160.25	165.68	161.35	152.49	145.86
G 36.0	123.51	131.49	132.30	122.94	111.55	141.04	143.37	132.92	129.92	135.05	126.67	121.02	117.79
G 37.0	99.01	105.65	107.83	94.97	88.15	114.68	116.28	106.67	105.89	107.76	98.89	96.93	96.56
G 38.0	80.84	84.73	86.08	78.12	73.27	91.35	95.04	90.82	86.93	88.49	81.19	80.31	77.81
G 39.0	67.96	70.68	71.86	67.79	63.68	74.43	76.40	74.65	74.45	73.81	70.66	68.92	66.44
G 40.0	60.58	59.74	60.94	59.70	57.69	63.66	64.67	61.96	63.72	64.03	62.23	62.22	60.93
G 41.0	56.12	54.66	53.98	53.98	53.90	57.57	58.29	56.72	57.84	58.14	57.70	57.80	56.92
G 42.0	52.89	51.40	50.36	50.79	51.39	53.61	53.99	52.78	54.41	54.44	54.19	54.33	53.89
G 43.0	50.50	47.86	47.18	48.77	49.73	50.97	50.75	50.27	51.36	51.39	51.14	51.64	51.61
G 44.0	47.98	45.66	44.86	47.33	49.81	49.02	48.64	48.35	48.69	49.14	49.34	49.80	49.63
G 45.0	46.72	43.90	43.35	46.09	50.84	47.61	47.24	46.58	47.07	47.44	47.61	48.26	48.18
G 46.0	45.18	42.60	42.20	44.71	48.13	49.03	49.41	47.82	47.46	48.02	48.61	48.14	46.93
G 47.0	45.38	41.94	41.72	43.80	48.34	51.15	50.29	49.51	49.11	48.33	48.37	49.83	48.52
G 48.0	45.74	40.97	39.47	43.11	46.77	48.98	46.91	46.70	46.88	47.95	48.67	49.02	50.11
G 49.0	44.48	39.76	38.26	41.42	43.38	45.27	44.15	44.18	44.47	45.54	46.39	47.85	47.39
G 50.0	41.92	38.42	37.25	39.35	41.65	42.42	41.52	41.37	41.58	42.51	42.31	43.14	43.21
G 51.0	40.31	37.14	36.07	38.45	40.46	40.70	41.48	40.89	40.78	41.30	41.18	42.12	41.52
G 52.0	39.36	36.23	35.41	37.23	39.55	40.89	40.67	40.03	40.34	40.78	41.16	42.22	41.52
G 53.0	38.47	35.70	34.83	36.49	38.24	39.30	39.03	38.73	38.66	39.78	40.21	41.24	40.40
G 54.0	37.57	34.73	34.40	35.51	37.14	37.59	37.21	37.33	37.48	38.22	38.69	39.53	38.89
G 55.0	36.80	34.07	33.68	34.55	36.16	36.57	36.07	36.19	36.23	36.96	37.44	38.41	37.68
G 56.0	35.98	33.36	33.00	33.84	35.49	35.51	35.24	35.32	35.66	35.98	36.43	37.73	37.22
G 57.0	35.19	32.51	32.12	33.24	34.78	34.96	34.57	34.70	35.06	35.24	35.73	36.98	36.36
G 58.0	34.47	31.67	31.50	32.47	34.15	33.95	33.96	34.12	34.28	34.53	35.14	36.19	35.59
G 59.0	33.86	31.24	30.93	31.92	33.74	33.60	33.45	33.56	33.79	34.12	34.65	35.63	35.16
G 60.0	34.09	30.71	30.65	31.59	33.55	33.14	33.22	33.30	33.35	33.77	34.56	35.36	34.77
G 61.0	33.97	30.63	30.34	31.34	33.45	33.15	33.08	33.05	33.26	33.40	34.33	35.52	34.43
G 62.0	33.77	30.52	30.19	30.83	33.10	32.89	32.96	32.93	33.18	33.45	35.06	36.02	35.18
G 63.0	33.58	30.22	29.60	30.26	32.49	32.61	33.14	32.81	32.91	33.18	35.50	35.50	34.89
G 64.0	33.24	29.61	29.01	30.09	31.91	32.20	32.27	32.08	32.35	33.27	34.43	35.05	34.36
G 65.0	32.51	29.38	28.45	29.90	31.52	31.28	31.41	30.91	31.42	32.34	33.52	33.98	33.55
G 66.0	32.51	28.92	28.01	29.40	31.11	30.42	30.02	30.05	30.44	31.35	31.84	32.83	32.81
G 67.0	32.01	28.05	27.15	28.69	30.15	29.54	28.51	28.89	29.73	29.88	30.69	31.30	31.49
G 68.0	30.92	27.29	26.41	27.69	29.28	28.97	28.18	28.14	28.80	29.14	29.88	30.39	30.09
G 69.0	29.78	26.36	25.33	26.83	28.66	28.38	27.71	27.77	27.96	28.27	29.02	29.56	29.31
G 70.0	28.72	25.29	24.39	25.90	27.49	27.74	27.11	26.94	27.20	27.38	28.00	28.32	28.17
G 71.0	27.38	24.20	23.42	25.13	26.75	26.81	26.12	26.04	26.17	26.44	26.97	27.58	27.15
G 72.0	26.48	23.20	22.27	24.34	26.36	25.91	25.38	25.30	25.31	25.59	26.21	26.76	26.51

Luminaire				Measur.				Lamp		
Code	LED Emergency			Code	LED Emergency			Code	LED Emergency	
Name	LED Emergency			Name	LED Emergency			Number	1	
Line	Eulumat			Date	29-08-2016			Position		

Luminaire Flux	275.26 lm	Luminaire Power	4.80 W	Efficacy	57.35 lm/W	Efficiency	100.00%
----------------	-----------	-----------------	--------	----------	------------	------------	---------

Lamps Flux	275.26 lm	Maximum value	1474.56 cd/klm	Position	C=330.00 G=14.00	CG	Asymmetrical
------------	-----------	---------------	----------------	----------	------------------	----	--------------

Luminous Intensity Table cd/klm Table 3/9

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39	877.39
G 1.0	844.57	845.57	842.68	860.70	861.15	866.97	872.03	881.16	881.62	892.63
G 2.0	778.07	782.94	778.37	793.48	804.27	806.23	812.72	817.70	830.64	851.77
G 3.0	734.48	742.59	742.81	745.83	752.91	754.21	768.40	777.14	784.58	802.12
G 4.0	726.65	722.89	726.00	729.28	734.62	740.78	747.25	755.43	752.24	763.76
G 5.0	739.76	728.84	724.91	721.62	725.99	725.54	743.19	741.30	745.03	751.07
G 6.0	774.65	754.38	749.68	731.68	735.65	736.54	746.78	754.04	753.44	748.71
G 7.0	821.60	790.18	776.45	763.29	765.77	774.76	784.43	808.57	797.32	765.93
G 8.0	911.18	846.16	824.87	803.27	806.54	818.34	841.99	887.40	866.73	802.05
G 9.0	1006.97	926.75	880.87	857.59	855.56	892.02	939.77	1014.20	987.47	884.29
G 10.0	1104.16	1006.30	957.58	934.45	946.32	990.98	1089.42	1169.70	1141.37	988.94
G 11.0	1190.84	1104.06	1051.49	1031.77	1028.28	1109.72	1201.81	1292.67	1264.76	1102.13
G 12.0	1267.11	1186.32	1145.76	1135.88	1146.97	1212.46	1309.35	1390.78	1348.72	1218.58
G 13.0	1321.24	1227.36	1202.42	1207.29	1230.88	1279.76	1370.94	1464.62	1400.87	1258.35
G 14.0	1357.81	1283.07	1245.15	1258.86	1278.37	1327.49	1406.38	1474.56	1421.18	1305.60
G 15.0	1362.11	1306.38	1274.15	1276.48	1302.01	1362.68	1434.81	1464.00	1434.27	1330.20
G 16.0	1361.02	1318.02	1278.18	1289.85	1303.60	1353.03	1412.34	1448.66	1432.35	1330.92
G 17.0	1322.93	1296.29	1261.64	1271.19	1291.86	1345.01	1387.11	1419.46	1386.77	1300.51
G 18.0	1257.11	1268.51	1226.03	1245.32	1256.94	1286.46	1314.02	1331.89	1315.43	1271.04
G 19.0	1164.54	1204.17	1175.82	1196.52	1205.69	1221.03	1212.48	1211.22	1205.11	1203.42
G 20.0	1075.54	1100.67	1105.31	1138.45	1143.43	1150.29	1142.82	1141.87	1150.06	1151.48
G 21.0	995.13	1025.77	1040.49	1068.69	1082.16	1080.07	1070.14	1080.25	1093.74	1108.40
G 22.0	941.78	978.54	993.18	1023.62	1033.02	1038.65	1006.03	1019.73	1047.27	1075.58
G 23.0	883.88	941.40	951.29	969.21	1004.47	979.85	941.14	951.45	989.03	1037.19
G 24.0	832.90	909.88	949.50	974.10	958.88	897.44	870.80	891.66	927.39	980.02
G 25.0	776.60	852.90	913.07	932.34	892.55	820.00	778.56	808.98	840.92	897.17
G 26.0	713.01	783.10	852.51	859.60	813.79	733.59	694.01	736.39	768.27	829.72
G 27.0	648.59	699.72	749.14	758.75	722.46	658.07	627.77	662.60	676.36	751.35
G 28.0	560.24	606.15	638.46	643.67	619.50	572.00	567.61	589.16	596.46	658.63
G 29.0	480.39	520.80	528.02	537.34	513.47	501.24	517.41	531.81	516.56	580.26
G 30.0	416.90	417.40	422.27	439.64	423.48	424.66	454.15	461.81	456.26	489.32
G 31.0	345.78	344.11	331.47	336.83	342.57	360.37	383.48	400.21	385.47	405.74
G 32.0	292.47	274.11	257.60	269.53	273.89	296.16	312.70	329.75	318.78	328.51
G 33.0	233.60	221.58	209.38	219.23	221.49	232.14	245.67	261.27	260.30	254.17
G 34.0	182.78	177.72	169.85	176.13	176.64	180.02	194.75	215.93	207.40	197.48
G 35.0	140.14	145.13	138.63	145.13	138.84	140.51	150.43	171.45	163.62	149.99
G 36.0	117.61	115.17	107.67	112.23	101.16	106.60	123.92	144.62	132.23	117.82
G 37.0	95.55	86.62	79.28	78.54	78.58	82.56	99.92	117.82	109.53	95.10
G 38.0	73.39	70.96	67.68	67.87	68.97	71.18	80.71	93.80	91.61	81.34
G 39.0	64.87	63.73	62.10	62.68	62.99	64.70	67.83	76.05	70.96	70.58
G 40.0	59.68	59.58	58.31	59.16	59.62	60.20	60.72	66.30	62.57	65.52
G 41.0	56.04	56.22	55.52	55.87	56.86	57.15	56.32	58.51	57.90	60.84
G 42.0	53.66	53.68	52.96	53.29	54.27	54.74	53.58	54.18	54.82	57.43
G 43.0	51.34	51.86	50.82	51.06	52.50	52.79	51.73	51.92	52.35	55.16
G 44.0	49.59	49.92	48.94	49.13	51.15	51.31	50.02	49.82	50.55	53.67
G 45.0	48.12	48.46	47.42	47.91	49.83	50.32	48.90	48.32	49.09	52.19
G 46.0	46.91	47.17	46.24	46.43	48.34	49.61	48.22	47.84	48.52	50.78
G 47.0	48.64	48.59	45.51	45.24	47.58	49.27	47.71	47.38	47.99	49.83
G 48.0	49.63	49.12	44.60	43.77	46.79	48.45	46.56	46.74	47.35	49.14
G 49.0	46.37	47.28	43.52	42.86	46.63	46.96	44.03	44.27	46.83	52.08
G 50.0	43.29	44.57	42.61	42.49	44.89	45.57	42.29	42.56	44.93	53.07
G 51.0	41.48	42.72	41.70	42.04	43.76	44.07	41.24	41.29	43.28	50.99
G 52.0	41.35	41.39	41.01	41.32	42.66	43.03	40.15	40.47	42.12	47.04
G 53.0	40.45	40.82	40.44	40.45	41.75	41.95	39.35	39.89	41.23	45.71
G 54.0	38.89	39.45	39.95	39.63	41.10	40.88	38.55	39.74	39.93	44.14
G 55.0	37.87	38.43	39.18	39.17	40.42	40.36	37.86	38.96	38.99	42.06
G 56.0	37.11	37.62	38.41	37.90	39.23	39.49	37.35	38.33	38.35	41.09
G 57.0	36.51	36.98	37.18	37.10	38.44	38.84	36.36	36.96	37.38	39.98
G 58.0	35.75	36.06	36.29	36.61	37.73	38.44	35.54	35.85	36.62	38.88
G 59.0	35.41	35.73	36.08	36.22	37.27	38.12	34.90	34.90	36.01	38.04
G 60.0	34.83	35.35	35.63	35.88	36.76	37.35	34.12	34.40	35.38	37.45
G 61.0	34.72	34.97	35.60	35.64	36.21	36.12	33.26	33.71	34.45	36.94
G 62.0	35.00	35.36	35.55	35.38	35.71	35.73	32.57	33.02	33.70	36.42
G 63.0	34.88	35.55	35.37	35.49	35.69	35.35	32.20	32.51	33.17	35.45
G 64.0	34.29	35.25	35.14	35.77	35.75	35.49	32.14	32.07	32.45	34.70
G 65.0	33.53	34.61	34.85	35.74	35.38	35.22	31.82	31.62	31.79	33.99
G 66.0	32.77	33.78	34.47	35.56	34.69	34.73	31.42	31.24	31.56	33.77
G 67.0	31.76	32.82	33.98	35.27	34.16	34.39	30.89	30.55	30.89	33.44
G 68.0	30.83	31.70	33.22	34.47	33.55	33.22	30.38	29.96	30.17	32.98
G 69.0	29.95	30.86	32.28	33.72	32.77	32.40	29.59	29.09	29.86	32.73
G 70.0	28.76	29.72	31.16	32.42	32.30	31.83	28.65	28.06	29.22	31.96
G 71.0	27.78	28.61	29.97	31.38	31.65	30.72	27.89	27.13	28.38	31.01
G 72.0	27.15	27.95	29.10	29.63	30.77	29.74	26.84	26.21	27.51	30.06

Luminaire		Measur.						Lamp					
Code	LED Emergency	Code	LED Emergency	Code	LED Emergency	Code	LED Emergency	Number	1				
Name	LED Emergency	Name	LED Emergency	Name	LED Emergency	Name	LED Emergency	Position					
Line	Eulumdat	Date	29-08-2016										
Luminaire Flux	275.26 lm	Luminaire Power	4.80 W	Efficacy	57.35 lm/W	Efficiency	100.00%						
Lamps Flux	275.26 lm	Maximum value	1474.56 cd/klm	Position	C=330.00 G=14.00	CG	Asymmetrical						
Luminous Intensity Table cd/klm Table 4/9													
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 73.0	26.36	25.38	25.11	25.28	25.20	24.65	24.78	24.36	24.89	24.34	24.44	25.08	25.74
G 74.0	26.00	25.42	24.59	24.92	24.97	24.61	24.72	24.12	24.43	24.22	23.84	24.62	25.03
G 75.0	26.05	24.84	24.23	24.53	24.76	24.74	24.96	24.41	24.34	24.33	24.01	23.97	23.92
G 76.0	26.64	25.05	24.69	24.46	24.71	24.81	24.83	24.68	24.14	23.74	23.48	24.13	23.11
G 77.0	27.72	26.55	25.93	25.25	25.29	25.56	25.42	24.97	23.88	23.57	22.52	22.83	22.53
G 78.0	30.32	29.32	28.48	28.11	27.43	27.55	26.64	25.02	23.18	22.27	21.91	22.68	22.71
G 79.0	32.35	29.28	30.93	30.62	30.14	30.16	28.69	28.46	26.54	25.72	24.19	24.49	24.61
G 80.0	35.84	30.00	32.98	32.70	33.43	32.75	30.48	30.65	29.00	26.22	25.88	22.13	20.71
G 81.0	28.60	27.85	29.45	31.62	32.09	28.22	25.20	19.32	21.06	17.17	17.05	16.47	17.94
G 82.0	14.42	13.11	13.31	14.58	15.99	15.77	16.33	16.05	16.90	16.52	16.40	15.87	17.12
G 83.0	12.13	11.47	11.89	12.57	13.51	14.13	14.64	14.89	15.58	15.19	15.11	14.71	15.10
G 84.0	9.50	9.39	10.11	10.67	11.60	12.40	13.20	12.99	13.82	13.52	12.53	12.42	12.78
G 85.0	7.49	7.08	7.77	8.06	8.63	9.58	11.03	10.78	11.10	10.94	10.33	9.76	10.08
G 86.0	5.68	5.42	5.79	6.05	6.34	7.26	7.72	7.90	8.04	7.69	7.96	7.97	7.65
G 87.0	4.72	4.46	4.76	4.63	5.08	5.23	5.86	5.90	6.05	5.88	6.02	6.22	5.88
G 88.0	3.79	3.77	4.03	3.88	4.05	3.94	4.42	4.23	4.38	4.41	4.39	4.56	4.57
G 89.0	3.26	3.22	3.38	3.23	3.34	3.24	3.40	3.25	3.32	3.29	3.37	3.46	3.53
G 90.0	2.58	2.60	2.80	2.81	2.84	2.78	2.78	2.75	2.74	2.60	2.78	2.85	2.93
G 91.0	2.52	2.64	2.91	2.69	2.67	2.51	2.55	2.51	2.47	2.33	2.41	2.49	2.62
G 92.0	2.60	2.73	2.70	2.51	2.58	2.63	2.62	2.54	2.31	2.14	2.09	2.15	2.33
G 93.0	2.74	2.49	2.44	2.43	2.57	2.49	2.34	2.28	2.08	1.92	1.95	1.90	1.93
G 94.0	2.71	2.36	2.35	2.30	2.30	2.30	2.26	2.14	2.03	1.95	1.89	1.87	1.92
G 95.0	2.62	2.30	2.28	2.21	2.20	2.21	2.26	2.09	1.95	1.91	1.89	1.89	1.88
G 96.0	2.55	2.32	2.27	2.23	2.17	2.22	2.27	2.15	2.04	1.95	1.90	1.91	1.96
G 97.0	2.58	2.40	2.30	2.22	2.14	2.18	2.30	2.15	2.01	1.95	1.97	1.94	1.92
G 98.0	2.61	2.46	2.41	2.31	2.23	2.22	2.29	2.14	2.00	1.94	1.90	1.91	1.94
G 99.0	2.54	2.49	2.45	2.32	2.21	2.17	2.22	2.14	1.99	1.90	1.98	1.90	1.85
G100.0	2.43	2.46	2.50	2.35	2.17	2.13	2.25	2.07	1.96	1.84	1.74	1.81	1.82
G101.0	2.34	2.45	2.46	2.34	2.17	2.18	2.17	2.04	1.98	1.81	1.70	1.61	1.54
G102.0	2.36	2.33	2.39	2.19	2.01	1.99	2.02	1.95	1.67	1.61	1.59	1.54	1.49
G103.0	2.11	2.16	2.17	2.02	1.83	1.72	1.78	1.66	1.56	1.52	1.31	1.33	1.27
G104.0	1.98	1.99	2.04	1.96	1.79	1.69	1.69	1.61	1.36	1.17	1.24	1.17	1.05
G105.0	2.03	1.95	2.02	1.87	1.73	1.70	1.61	1.56	1.40	1.23	1.19	1.16	1.02
G106.0	1.88	1.77	1.69	1.66	1.55	1.54	1.43	1.29	1.14	1.08	1.19	1.17	1.03
G107.0	1.75	1.63	1.48	1.44	1.34	1.31	1.28	1.14	1.07	1.03	0.97	0.91	0.85
G108.0	1.16	0.99	1.42	1.44	1.32	1.28	1.27	1.11	0.98	0.75	0.74	0.62	0.72
G109.0	0.70	0.89	1.17	1.38	1.29	1.04	0.84	0.69	0.61	0.57	0.42	0.32	0.52
G110.0	0.47	0.48	0.59	0.69	0.69	0.61	0.55	0.46	0.39	0.29	0.34	0.27	0.25
G111.0	0.34	0.36	0.33	0.38	0.38	0.33	0.29	0.25	0.24	0.27	0.35	0.27	0.25
G112.0	0.30	0.32	0.28	0.26	0.24	0.25	0.25	0.24	0.24	0.27	0.30	0.26	0.26
G113.0	0.29	0.30	0.28	0.26	0.25	0.24	0.25	0.24	0.25	0.27	0.27	0.27	0.25
G114.0	0.29	0.29	0.29	0.26	0.25	0.25	0.25	0.24	0.25	0.26	0.26	0.26	0.26
G115.0	0.29	0.30	0.28	0.26	0.26	0.25	0.25	0.25	0.25	0.25	0.26	0.27	0.26
G116.0	0.30	0.30	0.29	0.27	0.26	0.25	0.27	0.26	0.25	0.26	0.26	0.27	0.26
G117.0	0.30	0.31	0.29	0.27	0.26	0.27	0.27	0.26	0.26	0.27	0.28	0.28	0.27
G118.0	0.31	0.32	0.30	0.28	0.28	0.27	0.27	0.27	0.26	0.27	0.27	0.28	0.28
G119.0	0.32	0.32	0.31	0.29	0.29	0.28	0.28	0.28	0.28	0.28	0.28	0.29	0.28
G120.0	0.32	0.34	0.32	0.31	0.29	0.29	0.30	0.29	0.28	0.29	0.29	0.30	0.29
G121.0	0.33	0.34	0.33	0.31	0.31	0.29	0.31	0.30	0.30	0.30	0.30	0.31	0.31
G122.0	0.34	0.35	0.35	0.33	0.31	0.31	0.32	0.31	0.31	0.32	0.32	0.33	0.32
G123.0	0.35	0.36	0.35	0.34	0.34	0.33	0.32	0.32	0.32	0.33	0.34	0.34	0.33
G124.0	0.37	0.38	0.37	0.36	0.34	0.34	0.35	0.34	0.34	0.35	0.35	0.35	0.35
G125.0	0.39	0.39	0.39	0.37	0.36	0.35	0.36	0.36	0.36	0.37	0.36	0.37	0.38
G126.0	0.41	0.41	0.41	0.39	0.38	0.38	0.38	0.37	0.38	0.39	0.39	0.39	0.39
G127.0	0.43	0.43	0.43	0.42	0.40	0.39	0.40	0.40	0.40	0.40	0.41	0.41	0.41
G128.0	0.46	0.45	0.45	0.44	0.43	0.42	0.43	0.42	0.43	0.43	0.43	0.43	0.43
G129.0	0.48	0.49	0.48	0.47	0.46	0.45	0.46	0.46	0.45	0.46	0.46	0.47	0.46
G130.0	0.52	0.52	0.51	0.50	0.49	0.49	0.49	0.49	0.48	0.49	0.49	0.50	0.49
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measur.					Lamp						
Code	LED Emergency	Code	LED Emergency	Code	LED Emergency	Code	LED Emergency						
Name	LED Emergency	Name	LED Emergency	Number	LED Emergency	Number	LED Emergency						
Line	Eulumdat	Date	29-08-2016	Position		Position							
Luminaire Flux	275.26 lm	Luminaire Power	4.80 W	Efficacy	57.35 lm/W	Efficiency	100.00%						
Lamps Flux	275.26 lm	Maximum value	1474.56 cd/klm	Position	C=330.00 G=14.00	CG	Asymmetrical						
Luminous Intensity Table cd/klm Table 5/9													
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 73.0	25.72	21.92	21.06	23.44	25.37	25.25	24.53	24.21	24.52	24.92	25.63	26.04	26.06
G 74.0	24.54	21.07	20.08	22.65	25.16	24.78	24.07	23.82	24.12	24.62	25.34	25.53	25.58
G 75.0	23.12	20.03	18.83	21.69	23.73	24.28	23.69	23.34	23.49	23.91	24.64	25.10	25.18
G 76.0	22.89	18.97	17.52	20.32	23.07	22.84	23.01	22.67	22.42	22.87	23.33	23.73	24.17
G 77.0	23.39	18.54	16.33	19.99	24.11	21.80	21.25	21.39	21.61	21.85	22.96	23.80	23.80
G 78.0	24.13	18.07	15.23	19.67	23.79	22.55	21.40	21.79	21.97	22.58	23.70	24.97	24.77
G 79.0	25.08	16.98	14.05	17.15	17.70	22.29	21.78	22.03	22.30	23.15	24.37	24.56	25.23
G 80.0	18.63	14.19	13.17	15.08	16.73	17.51	17.31	16.61	16.50	16.97	16.82	17.21	17.17
G 81.0	17.44	12.08	10.34	13.07	15.76	15.83	15.70	15.43	15.62	15.31	15.49	15.98	16.04
G 82.0	15.99	10.09	9.02	11.60	14.27	14.61	14.30	13.96	14.65	14.47	14.92	14.98	15.09
G 83.0	14.95	9.15	8.30	10.75	12.74	13.17	12.96	12.55	13.37	13.23	13.41	13.54	13.46
G 84.0	13.11	8.09	7.38	9.79	10.66	11.82	11.57	10.84	11.63	11.05	11.29	11.62	11.21
G 85.0	11.11	6.99	6.65	8.46	9.10	10.22	9.96	9.07	9.07	8.85	9.43	9.51	8.71
G 86.0	8.85	5.94	5.70	7.05	7.04	8.17	7.92	7.20	6.99	6.78	7.18	7.01	6.74
G 87.0	6.79	4.78	4.91	5.79	5.13	6.12	5.99	5.76	5.37	5.24	5.10	5.18	5.22
G 88.0	5.10	3.85	4.17	4.30	3.94	4.51	4.39	4.34	4.08	3.87	3.93	3.91	3.85
G 89.0	3.90	2.95	3.15	3.40	3.35	3.36	3.36	3.54	3.14	3.09	3.01	3.04	3.10
G 90.0	3.10	2.46	2.48	2.78	2.90	2.95	3.03	3.19	2.83	2.81	2.67	2.69	2.68
G 91.0	2.60	2.19	2.19	2.42	2.59	2.61	2.69	2.86	2.64	2.62	2.73	3.09	2.59
G 92.0	2.28	2.06	2.09	2.19	2.35	2.46	2.67	2.86	2.84	3.15	3.45	3.77	3.44
G 93.0	1.94	1.94	1.93	2.06	2.37	2.49	2.74	2.93	3.09	3.04	3.39	3.70	4.30
G 94.0	1.89	1.87	1.90	2.22	2.33	2.42	2.62	2.82	2.79	2.93	3.36	3.52	3.81
G 95.0	1.87	1.88	1.88	2.04	2.41	2.53	2.75	2.65	2.71	2.97	3.20	3.27	3.47
G 96.0	1.88	1.84	1.82	1.94	2.24	2.34	2.50	2.76	2.64	2.88	2.90	3.01	3.17
G 97.0	1.85	1.82	1.79	1.89	2.08	2.28	2.42	2.60	2.53	2.46	2.89	2.90	3.08
G 98.0	1.85	1.75	1.73	1.92	2.09	2.29	2.46	2.52	2.58	2.42	2.78	2.81	2.91
G 99.0	1.81	1.70	1.67	1.88	2.04	2.15	2.33	2.43	2.36	2.36	2.79	2.92	2.80
G100.0	1.78	1.63	1.69	1.80	1.89	2.10	2.23	2.54	2.29	2.30	2.61	2.78	2.68
G101.0	1.68	1.63	1.67	1.74	1.88	2.02	2.09	2.48	2.18	2.33	2.66	2.60	2.67
G102.0	1.55	1.38	1.59	1.66	1.73	1.95	2.11	2.16	2.38	2.44	2.70	2.70	2.62
G103.0	1.44	1.29	1.38	1.28	1.51	1.61	1.97	2.10	2.25	2.38	2.61	2.62	2.63
G104.0	1.10	1.23	1.31	1.24	1.42	1.67	1.94	1.86	2.06	2.17	2.32	2.53	2.57
G105.0	1.09	1.18	1.24	1.20	1.36	1.49	1.69	1.76	2.06	2.12	2.29	2.48	2.42
G106.0	1.00	1.05	1.23	1.13	1.12	1.48	1.71	1.77	1.86	1.97	2.10	2.31	2.30
G107.0	0.92	0.79	0.85	0.86	0.65	0.89	1.26	1.75	1.68	1.85	2.10	1.60	2.14
G108.0	0.68	0.60	0.64	0.65	0.52	0.63	0.68	0.79	0.69	0.56	0.69	0.62	1.58
G109.0	0.51	0.37	0.41	0.40	0.37	0.46	0.47	0.55	0.49	0.43	0.47	0.37	0.57
G110.0	0.26	0.32	0.29	0.26	0.31	0.41	0.36	0.35	0.29	0.28	0.27	0.26	0.35
G111.0	0.25	0.27	0.27	0.26	0.29	0.36	0.33	0.29	0.26	0.26	0.26	0.25	0.24
G112.0	0.25	0.26	0.26	0.25	0.27	0.32	0.29	0.27	0.26	0.25	0.27	0.25	0.24
G113.0	0.25	0.26	0.25	0.26	0.27	0.29	0.28	0.25	0.25	0.25	0.25	0.25	0.23
G114.0	0.25	0.26	0.25	0.26	0.26	0.27	0.26	0.25	0.25	0.25	0.24	0.25	0.24
G115.0	0.25	0.26	0.26	0.26	0.26	0.26	0.25	0.25	0.25	0.24	0.24	0.25	0.24
G116.0	0.27	0.27	0.26	0.26	0.27	0.26	0.25	0.25	0.24	0.24	0.24	0.24	0.24
G117.0	0.27	0.27	0.28	0.27	0.28	0.25	0.25	0.25	0.24	0.24	0.24	0.25	0.24
G118.0	0.28	0.28	0.27	0.28	0.29	0.26	0.25	0.26	0.25	0.24	0.24	0.25	0.24
G119.0	0.28	0.29	0.29	0.28	0.29	0.26	0.25	0.26	0.25	0.25	0.25	0.26	0.25
G120.0	0.29	0.29	0.29	0.30	0.30	0.26	0.26	0.26	0.25	0.26	0.25	0.26	0.26
G121.0	0.30	0.30	0.30	0.30	0.31	0.28	0.28	0.27	0.27	0.27	0.26	0.26	0.27
G122.0	0.31	0.32	0.32	0.32	0.33	0.28	0.28	0.28	0.27	0.27	0.27	0.28	0.27
G123.0	0.33	0.34	0.33	0.34	0.34	0.29	0.29	0.29	0.28	0.28	0.29	0.29	0.28
G124.0	0.35	0.34	0.35	0.35	0.36	0.30	0.29	0.30	0.30	0.30	0.30	0.30	0.30
G125.0	0.36	0.37	0.37	0.37	0.38	0.32	0.32	0.32	0.31	0.31	0.31	0.31	0.32
G126.0	0.38	0.38	0.39	0.40	0.40	0.34	0.33	0.33	0.33	0.33	0.32	0.33	0.33
G127.0	0.41	0.41	0.42	0.43	0.43	0.35	0.35	0.36	0.34	0.35	0.35	0.35	0.34
G128.0	0.43	0.44	0.44	0.45	0.46	0.37	0.36	0.37	0.36	0.37	0.36	0.36	0.36
G129.0	0.46	0.47	0.48	0.48	0.49	0.39	0.39	0.39	0.39	0.39	0.37	0.39	0.39
G130.0	0.49	0.50	0.51	0.52	0.52	0.42	0.41	0.41	0.41	0.41	0.41	0.41	0.41
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire					Measur.			Lamp		
Code	LED Emergency				Code	LED Emergency		Code	LED Emergency	
Name	LED Emergency				Name	LED Emergency		Number	1	
Line	Eulumdat				Date	29-08-2016		Position		

Luminaire Flux	275.26 lm	Luminaire Power	4.80 W	Efficacy	57.35 lm/W	Efficiency	100.00%
----------------	-----------	-----------------	--------	----------	------------	------------	---------

Lamps Flux	275.26 lm	Maximum value	1474.56 cd/klm	Position	C=330.00 G=14.00	CG	Asymmetrical
------------	-----------	---------------	----------------	----------	------------------	----	--------------

Luminous Intensity Table cd/klm Table 6/9

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 73.0	26.25	26.77	27.59	27.92	30.01	29.26	25.80	25.17	26.55	29.39
G 74.0	25.94	26.29	26.10	26.65	29.65	28.42	25.03	24.33	25.70	28.60
G 75.0	25.77	26.04	24.86	25.42	28.81	28.33	24.02	23.54	25.22	28.31
G 76.0	24.47	25.28	23.61	24.59	26.78	28.09	22.74	22.65	24.67	28.46
G 77.0	23.36	23.82	21.85	23.42	26.79	28.00	21.91	21.09	23.91	29.02
G 78.0	24.68	24.38	20.87	21.18	25.99	26.96	20.79	19.94	23.24	29.73
G 79.0	25.73	24.37	20.29	19.49	25.87	26.19	19.56	18.36	22.46	31.72
G 80.0	18.08	20.74	19.46	18.19	24.91	24.29	18.22	17.14	21.90	33.71
G 81.0	16.07	16.52	16.25	16.41	18.30	20.45	16.88	16.62	21.00	36.62
G 82.0	14.47	14.68	14.09	14.48	15.30	17.35	15.93	16.36	18.72	29.00
G 83.0	12.92	13.22	12.44	12.96	13.54	15.33	13.91	14.83	15.79	17.15
G 84.0	10.34	10.82	10.21	10.83	11.07	11.96	9.66	10.08	11.41	14.41
G 85.0	7.97	8.20	7.71	7.93	8.46	9.63	8.00	8.56	9.19	10.94
G 86.0	6.26	6.50	6.11	6.20	6.67	7.53	6.69	7.19	7.50	8.55
G 87.0	4.84	5.25	4.97	5.20	5.29	6.05	5.63	6.13	5.94	6.29
G 88.0	3.84	4.22	4.10	4.31	4.39	4.95	4.50	4.94	4.86	5.10
G 89.0	3.23	3.50	3.47	3.58	3.77	3.88	3.55	3.60	3.79	4.15
G 90.0	2.72	3.01	3.10	3.12	3.18	3.24	3.11	2.93	3.07	3.43
G 91.0	2.63	2.98	3.07	3.05	3.13	3.16	2.90	2.76	2.80	2.98
G 92.0	3.37	3.39	3.25	3.00	2.93	2.98	2.73	2.72	2.72	2.83
G 93.0	4.31	3.81	3.32	3.16	3.19	2.98	2.92	2.87	3.01	2.87
G 94.0	3.68	3.42	3.26	3.19	3.26	3.03	2.86	2.86	3.25	3.02
G 95.0	3.54	3.01	2.93	3.03	3.01	2.96	2.76	2.85	3.07	3.13
G 96.0	3.15	2.80	2.91	2.95	3.03	2.79	2.80	2.94	2.95	2.92
G 97.0	2.96	2.86	2.89	3.09	2.88	2.69	3.00	2.93	3.00	2.87
G 98.0	2.84	2.90	2.89	3.02	2.88	2.82	3.19	2.89	2.90	2.82
G 99.0	2.77	2.79	2.80	2.82	2.98	2.90	2.97	2.89	2.90	2.75
G100.0	2.80	2.66	2.69	2.71	2.85	3.09	2.76	2.83	2.81	2.67
G101.0	2.71	2.64	2.53	2.53	2.69	2.85	2.70	2.82	2.76	2.69
G102.0	2.66	2.59	2.52	2.44	2.55	2.59	2.85	2.81	2.64	2.60
G103.0	2.60	2.61	2.55	2.47	2.58	2.50	2.75	2.67	2.55	2.56
G104.0	2.48	2.54	2.41	2.42	2.45	2.17	2.62	2.29	2.36	2.41
G105.0	2.32	2.29	2.27	2.34	2.30	1.86	2.20	2.14	2.28	2.39
G106.0	2.24	2.20	2.07	2.23	1.97	1.72	2.08	2.07	2.23	2.40
G107.0	1.68	2.14	1.93	2.27	1.90	1.58	1.93	2.08	2.06	2.19
G108.0	1.27	1.93	0.74	1.06	1.96	1.22	1.84	1.32	2.12	2.02
G109.0	0.56	0.63	0.53	1.10	1.31	0.69	0.75	0.96	2.11	1.90
G110.0	0.30	0.38	0.31	0.41	0.50	0.40	0.53	0.67	1.94	1.81
G111.0	0.24	0.25	0.30	0.34	0.28	0.29	0.34	0.58	0.78	1.27
G112.0	0.24	0.24	0.29	0.29	0.25	0.28	0.30	0.37	0.52	0.57
G113.0	0.24	0.25	0.27	0.28	0.26	0.27	0.29	0.33	0.30	0.33
G114.0	0.24	0.24	0.27	0.27	0.25	0.27	0.28	0.31	0.24	0.24
G115.0	0.24	0.24	0.27	0.27	0.25	0.26	0.28	0.28	0.24	0.24
G116.0	0.24	0.25	0.27	0.26	0.25	0.26	0.27	0.27	0.25	0.24
G117.0	0.24	0.25	0.27	0.26	0.26	0.27	0.27	0.27	0.25	0.24
G118.0	0.25	0.26	0.27	0.27	0.26	0.26	0.26	0.27	0.25	0.24
G119.0	0.25	0.26	0.27	0.27	0.26	0.26	0.27	0.27	0.25	0.25
G120.0	0.26	0.26	0.28	0.28	0.27	0.28	0.27	0.27	0.25	0.26
G121.0	0.27	0.28	0.29	0.28	0.28	0.27	0.27	0.28	0.27	0.26
G122.0	0.28	0.28	0.29	0.28	0.28	0.29	0.29	0.29	0.27	0.27
G123.0	0.29	0.29	0.31	0.30	0.30	0.29	0.29	0.29	0.28	0.28
G124.0	0.31	0.31	0.31	0.32	0.31	0.30	0.30	0.30	0.29	0.29
G125.0	0.32	0.32	0.33	0.33	0.32	0.32	0.32	0.31	0.31	0.31
G126.0	0.33	0.33	0.34	0.34	0.33	0.33	0.33	0.33	0.32	0.32
G127.0	0.35	0.35	0.36	0.36	0.35	0.35	0.34	0.34	0.33	0.34
G128.0	0.37	0.37	0.38	0.37	0.37	0.36	0.35	0.36	0.35	0.35
G129.0	0.39	0.38	0.40	0.39	0.39	0.38	0.37	0.37	0.37	0.37
G130.0	0.41	0.41	0.42	0.41	0.41	0.40	0.40	0.39	0.39	0.39
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measur.				Lamp	
Code	LED Emergency	Code	LED Emergency	Code	LED Emergency	Number	1
Name	LED Emergency	Name	LED Emergency	Position			
Line	Eulumdat	Date	29-08-2016				

Luminaire Flux	275.26 lm	Luminaire Power	4.80 W	Efficacy	57.35 lm/W	Efficiency	100.00%
----------------	-----------	-----------------	--------	----------	------------	------------	---------

Lamps Flux	275.26 lm	Maximum value	1474.56 cd/klm	Position	C=330.00 G=14.00	CG	Asymmetrical
------------	-----------	---------------	----------------	----------	------------------	----	--------------

Luminous Intensity Table cd/klm Table 7/9

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measurement				Lamp	
Code	LED Emergency	Code	LED Emergency	Code	LED Emergency	Number	1
Name	LED Emergency	Name	LED Emergency	Position			
Line	Eulumdat	Date	29-08-2016				

Luminaire Flux	275.26 lm	Luminaire Power	4.80 W	Efficacy	57.35 lm/W	Efficiency	100.00%
----------------	-----------	-----------------	--------	----------	------------	------------	---------

Lamps Flux	275.26 lm	Maximum value	1474.56 cd/klm	Position	C=330.00 G=14.00	CG	Asymmetrical
------------	-----------	---------------	----------------	----------	------------------	----	--------------

Luminous Intensity Table cd/klm Table 8/9

	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire		Measur.				Lamp	
Code	LED Emergency	Code	LED Emergency	Code	LED Emergency	Number	1
Name	LED Emergency	Name	LED Emergency	Position			
Line	Eulmdat	Date	29-08-2016				

Luminaire Flux	275.26 lm	Luminaire Power	4.80 W	Efficacy	57.35 lm/W	Efficiency	100.00%
Lamps Flux	275.26 lm	Maximum value	1474.56 cd/klm	Position	C=330.00 G=14.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 9/9

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00