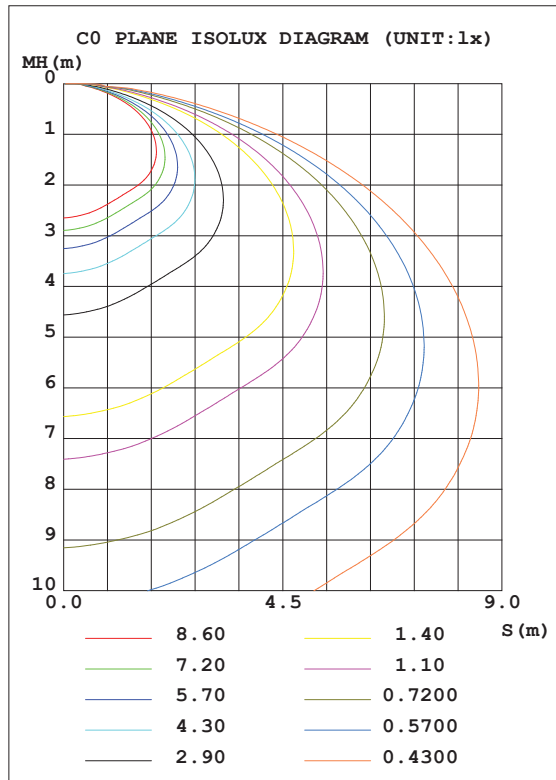
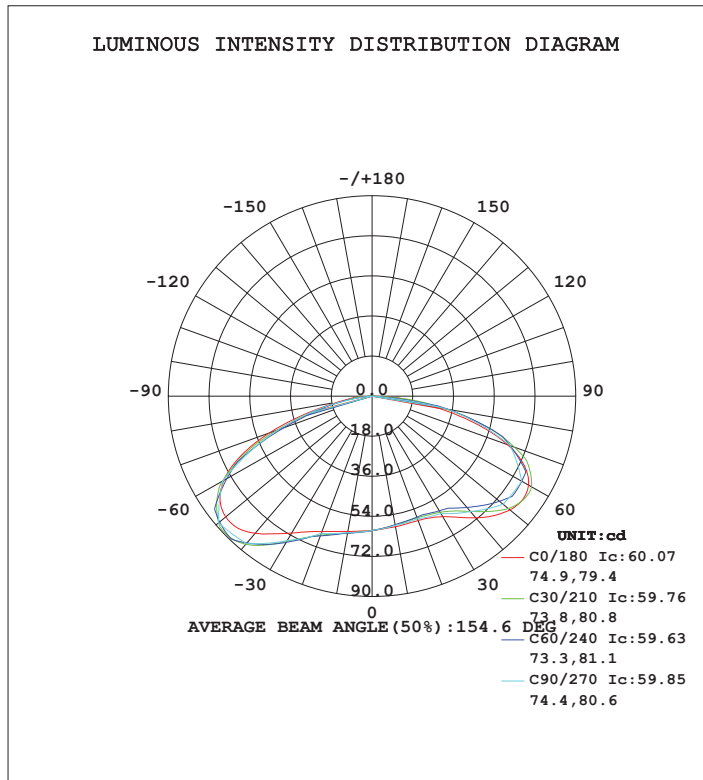


**Photometric Test Report:** Nightscaping 7W Integrated LED Module

Test:U:11.73V I:0.8683A P:7.238W PF:0.7107 Lamp Flux:1000x1 lm		
NAME: RD-7W-AL-R	TYPE: LED MODULE	WEIGHT:
SPEC.: 7W INTEGRATED LED MODULE	DIM.:	SERIAL No.:
MFR.: NIGHTSCAPING USA	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 48.27 lm/W
MODEL		I <sub>max</sub> (cd)	90.04	S/MH (C0/180)		1.98
NOMINAL POWER (W)	7	LOR (%)	34.9	S/MH (C90/270)		2.04
RATED VOLTAGE (V)	12	TOTAL FLUX (lm)	349.39	<input checked="" type="checkbox"/> UP, DN (C0-180)		0.0,17.5
NOMINAL FLUX (lm)	1000	CIE CLASS	DIRECT	<input checked="" type="checkbox"/> UP, DN (C180-360)		0.0,17.4
LAMPS INSIDE	1	<input checked="" type="checkbox"/> up (%)	0.0	CIBSE SHR NOM		2.00
TEST VOLTAGE (V)	12	<input checked="" type="checkbox"/> down (%)	34.9	CIBSE SHR MAX		0.00



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZQ  
Test Date: 2019-05-22

Range: 0 - 90DEG  
 Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity: 65.0%  
Test Distance: 8.750m [K=1.0000]  
Remarks:



**Photometric Test Report:** Nightscaping 7W Integrated LED Module

ZONAL FLUX DIAGRAM:

DEG	C0	C45	C90	C135	C180	C225	C270	C315	DEG	# zone	# total	%lum, lamp
5	59.81	59.46	59.63	60.20	60.81	61.32	61.26	60.70	0- 5	1.444	1.444	0.41,0.14
10	59.55	58.64	58.91	60.31	61.69	62.58	62.17	61.28	5- 10	4.331	5.775	1.65,0.58
15	59.34	58.03	58.78	60.47	62.94	64.24	63.87	62.21	10- 15	7.233	13.01	3.72,1.3
20	59.47	57.96	58.65	61.29	64.76	66.92	65.58	64.14	15- 20	10.19	23.19	6.64,2.32
25	60.35	58.33	59.75	62.62	67.19	70.40	70.24	67.01	20- 25	13.30	36.49	10.4,3.65
30	62.50	59.55	60.86	65.34	71.01	75.60	74.90	71.98	25- 30	16.75	53.24	15.2,5.32
35	66.44	62.07	64.25	69.39	75.45	81.76	80.64	78.45	30- 35	20.64	73.88	21.1,7.39
40	71.34	65.75	67.65	73.57	80.37	87.20	86.39	84.37	35- 40	24.96	98.84	28.3,9.88
45	75.90	70.91	71.59	77.38	83.88	89.24	87.46	87.00	40- 45	29.27	128.1	36.7,12.8
50	79.54	76.04	75.54	79.62	84.38	88.81	88.53	87.78	45- 50	32.98	161.1	46.1,16.1
55	81.17	78.87	75.94	77.99	81.98	83.28	82.35	83.90	50- 55	35.61	196.7	56.3,19.7
60	79.80	79.60	76.34	74.68	75.63	75.39	76.16	78.54	55- 60	36.53	233.2	66.8,23.3
65	74.33	75.10	70.63	67.30	64.45	61.02	60.11	67.85	60- 65	35.33	268.6	76.9,26.9
70	63.68	66.18	64.91	56.30	48.34	43.58	44.06	53.36	65- 70	31.20	299.8	85.8,30
75	47.23	52.46	49.36	41.38	29.63	23.75	27.97	34.80	70- 75	24.49	324.2	92.8,32.4
80	27.91	34.01	33.81	25.60	15.10	13.31	11.88	19.84	75- 80	16.20	340.4	97.4,34
85	13.43	9.439	0	6.847	8.211	3.367	0	4.782	80- 85	7.819	348.3	99.7,34.8
90	0	0	0	0	0.0000	0	0	0	85- 90	1.124	349.4	100,34.9
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ZQ  
 Test Date:2019-05-22

Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
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 Remarks:

