



- Unit man



Housing	12" Die-casting grey powder coated aluminum. T=60-80um Adhesion of ISO class 1/ASTM class 48
Light Window	50% transmittance PC cover
Waterproof seal	Rubber seal
Operating temperature	-20°C ~40°C
Power Cable	H05RN-F 4X0.75mm ² L=0.5m
Mounting sleeve	ABS 071#

Figure 10: Light distribution curve of the luminaire. The figure includes a circular light distribution diagram on the left showing beam spread and footcandle readings at various distances. In the center is a line graph titled "light distribution curve [lm/deg]" showing the beam spread curve (C135(MAX)), CO/C182, and CWC/C180. On the right is a table titled "Luminaire data" and a diagram of the luminaire with a beam spread of 17.9° and a height of 17.9m.

Luminaire data	
2m	0.58 LUX
4m	0.07 LUX
6m	0.03 LUX
8m	0.02 LUX
10m	0.01 LUX
12m	0.01 LUX
14m	0.01 LUX
16m	0.01 LUX
18m	0.01 LUX
20m	0.01 LUX
22m	0.01 LUX
24m	0.01 LUX
26m	0.01 LUX
28m	0.01 LUX
30m	0.01 LUX
32m	0.01 LUX
34m	0.01 LUX
36m	0.01 LUX
38m	0.01 LUX
40m	0.01 LUX
42m	0.01 LUX
44m	0.01 LUX
46m	0.01 LUX
48m	0.01 LUX
50m	0.01 LUX
52m	0.01 LUX
54m	0.01 LUX
56m	0.01 LUX
58m	0.01 LUX
60m	0.01 LUX
62m	0.01 LUX
64m	0.01 LUX
66m	0.01 LUX
68m	0.01 LUX
70m	0.01 LUX
72m	0.01 LUX
74m	0.01 LUX
76m	0.01 LUX
78m	0.01 LUX
80m	0.01 LUX
82m	0.01 LUX
84m	0.01 LUX
86m	0.01 LUX
88m	0.01 LUX
90m	0.01 LUX
92m	0.01 LUX
94m	0.01 LUX
96m	0.01 LUX
98m	0.01 LUX
100m	0.01 LUX
102m	0.01 LUX
104m	0.01 LUX
106m	0.01 LUX
108m	0.01 LUX
110m	0.01 LUX
112m	0.01 LUX
114m	0.01 LUX
116m	0.01 LUX
118m	0.01 LUX
120m	0.01 LUX
122m	0.01 LUX
124m	0.01 LUX
126m	0.01 LUX
128m	0.01 LUX
130m	0.01 LUX
132m	0.01 LUX
134m	0.01 LUX
136m	0.01 LUX
138m	0.01 LUX
140m	0.01 LUX
142m	0.01 LUX
144m	0.01 LUX
146m	0.01 LUX
148m	0.01 LUX
150m	0.01 LUX
152m	0.01 LUX
154m	0.01 LUX
156m	0.01 LUX
158m	0.01 LUX
160m	0.01 LUX
162m	0.01 LUX
164m	0.01 LUX
166m	0.01 LUX
168m	0.01 LUX
170m	0.01 LUX
172m	0.01 LUX
174m	0.01 LUX
176m	0.01 LUX
178m	0.01 LUX
180m	0.01 LUX
182m	0.01 LUX
184m	0.01 LUX
186m	0.01 LUX
188m	0.01 LUX
190m	0.01 LUX
192m	0.01 LUX
194m	0.01 LUX
196m	0.01 LUX
198m	0.01 LUX
200m	0.01 LUX
202m	0.01 LUX
204m	0.01 LUX
206m	0.01 LUX
208m	0.01 LUX
210m	0.01 LUX
212m	0.01 LUX
214m	0.01 LUX
216m	0.01 LUX
218m	0.01 LUX
220m	0.01 LUX
222m	0.01 LUX
224m	0.01 LUX
226m	0.01 LUX
228m	0.01 LUX
230m	0.01 LUX
232m	0.01 LUX
234m	0.01 LUX
236m	0.01 LUX
238m	0.01 LUX
240m	0.01 LUX
242m	0.01 LUX
244m	0.01 LUX
246m	0.01 LUX
248m	0.01 LUX
250m	0.01 LUX
252m	0.01 LUX
254m	0.01 LUX
256m	0.01 LUX
258m	0.01 LUX
260m	0.01 LUX
262m	0.01 LUX
264m	0.01 LUX
266m	0.01 LUX
268m	0.01 LUX
270m	0.01 LUX
272m	0.01 LUX
274m	0.01 LUX
276m	0.01 LUX
278m	0.01 LUX
280m	0.01 LUX
282m	0.01 LUX
284m	0.01 LUX
286m	0.01 LUX
288m	0.01 LUX
290m	0.01 LUX
292m	0.01 LUX
294m	0.01 LUX
296m	0.01 LUX
298m	0.01 LUX
300m	0.01 LUX

IP66 **RoHS** **CE**

RED GREEN BLUE WHITE 4 Color Mixing LED Landscape Light



Unit:mr



Housing	12 [#] Die-casting dark grey powder coated aluminum. T=60-80um,Adhesion of ISO class 1/ASTM class 48
Light Window	Tempered glass,T=4mm
Cable gland	IP-68 PG-9 PVC
Lens	All-in-one optical lens,efficiency>85%
Bracket	Powder coated aluminum,T=2.5mm
Gasket	Tooling shaped seal
Power Cable	HO5RN-F 5X0.5mm ² L=2.0m

Basic	Secondary	
Dark Grey RAL 7037	Silver Resistant Paint RAL 9006	Sanded Black RAL 9005

The technical drawing illustrates the LUMINUS A1000 LED light fixture, its beam spread, and its light distribution characteristics.

Beam Spread: The beam spread is shown as a circular area with a diameter of 1.62m. The beam angle is 10°. The beam spread is also indicated as 1.62m.

Light Distribution Curve: The light distribution curve is shown as a graph of beam spread (m) versus beam angle (°). The curve is a bell shape, peaking at 1.62m at 10°.

Beam Data Table:

Beam Spread (m)	Beam Angle (°)	Beam Diameter (m)	Beam Area (m²)	Beam Length (m)
1.62	10	1.62	2.07	1.62
1.54	11	1.54	1.87	1.54
1.46	12	1.46	1.68	1.46
1.38	13	1.38	1.50	1.38
1.30	14	1.30	1.33	1.30
1.22	15	1.22	1.17	1.22
1.14	16	1.14	1.02	1.14
1.06	17	1.06	0.88	1.06
0.98	18	0.98	0.76	0.98
0.90	19	0.90	0.65	0.90
0.82	20	0.82	0.56	0.82
0.74	21	0.74	0.48	0.74
0.66	22	0.66	0.41	0.66
0.58	23	0.58	0.35	0.58
0.50	24	0.50	0.30	0.50
0.42	25	0.42	0.26	0.42
0.34	26	0.34	0.22	0.34
0.26	27	0.26	0.19	0.26
0.18	28	0.18	0.16	0.18
0.10	29	0.10	0.13	0.10
0.02	30	0.02	0.10	0.02