

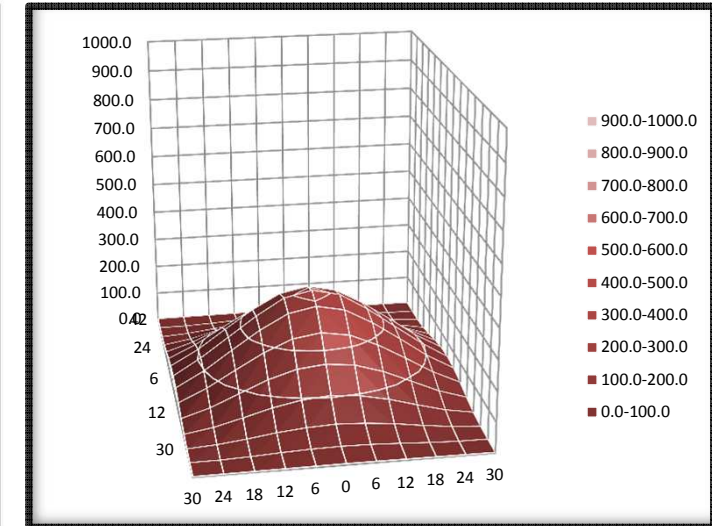
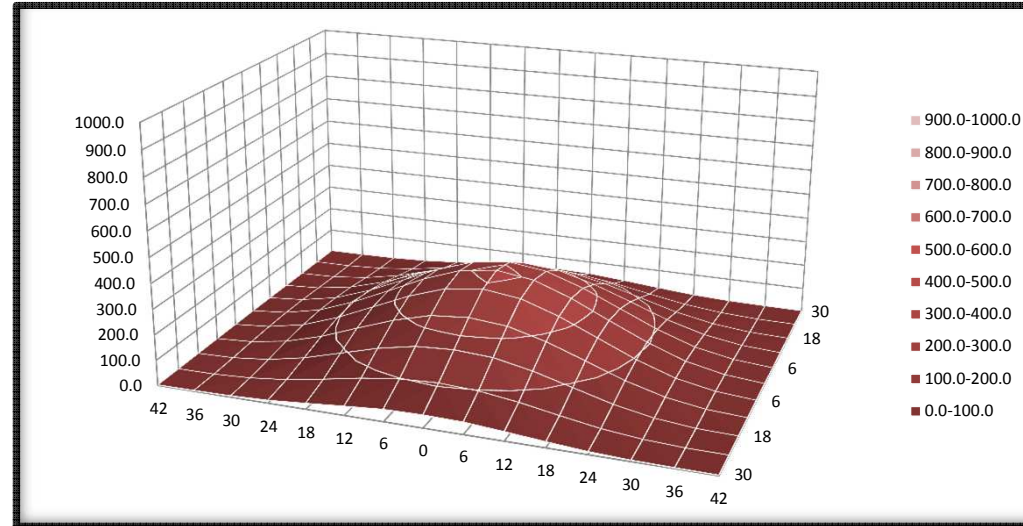
LEDURON Aquatic Light 60W / XP Blue

H = 30cm

Modul: LEDURON Aquatic Light 60W / XP Blue
Raumtemperatur: 19 Grad Celsius **Raum:** Abgedunkelt
Messinstrument: kalibriertes Spektrometer **Einheit:** PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
Abstand von Sensor bis uk Modul: 30 cm **Leistungsangabe Hersteller:** 60 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	2.0	3.0	5.0	11.0	22.5	35.5	47.0	50.0	47.0	35.5	22.5	11.0	5.0	3.0	2.0	302.00	
24	2.5	3.5	11.0	26.5	51.5	78.5	98.5	106.0	98.5	78.5	51.5	26.5	11.0	3.5	2.5	650.00	616.00
18	3.0	7.0	22.0	51.0	92.0	133.0	163.0	171.5	163.0	133.0	92.0	51.0	22.0	7.0	3.0	1'113.50	1'049.50
12	3.5	12.0	35.5	77.0	132.0	185.0	225.0	237.5	225.0	185.0	132.0	77.0	35.5	12.0	3.5	1'577.50	1'475.50
6	4.0	16.0	44.5	96.0	160.5	225.0	275.0	293.5	275.0	225.0	160.5	96.0	44.5	16.0	4.0	1'935.50	1'806.50
0	4.5	17.5	49.0	104.0	170.5	239.5	293.5	314.0	293.5	239.5	170.5	104.0	49.0	17.5	4.5	2'071.00	1'929.00
6	4.0	16.0	44.5	96.0	160.5	225.0	275.0	293.5	275.0	225.0	160.5	96.0	44.5	16.0	4.0	1'935.50	1'806.50
12	3.5	12.0	35.5	77.0	132.0	185.0	225.0	237.5	225.0	185.0	132.0	77.0	35.5	12.0	3.5	1'577.50	1'475.50
18	3.0	7.0	22.0	51.0	92.0	133.0	163.0	171.5	163.0	133.0	92.0	51.0	22.0	7.0	3.0	1'113.50	1'049.50
24	2.5	3.5	11.0	26.5	51.5	78.5	98.5	106.0	98.5	78.5	51.5	26.5	11.0	3.5	2.5	650.00	616.00
30	2.0	3.0	5.0	11.0	22.5	35.5	47.0	50.0	47.0	35.5	22.5	11.0	5.0	3.0	2.0	302.00	

Beleuchtungsstärke 100 % x = 0.146 **Summe** 13'228.00 11'824.00
 Leistungsaufnahme gemessen 58.0 Watt y = 0.054 **PAR pro Watt** 228.07 203.86
 Lux 2'900 lx z = 0.800 **PAR im Mittel** 80.17 145.98

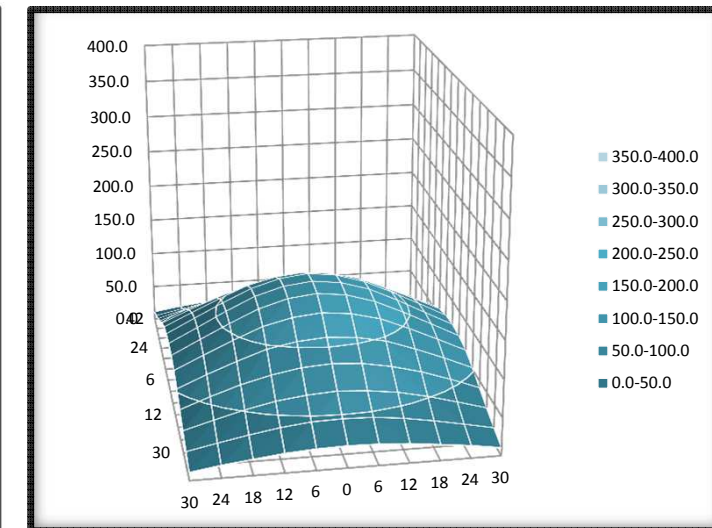
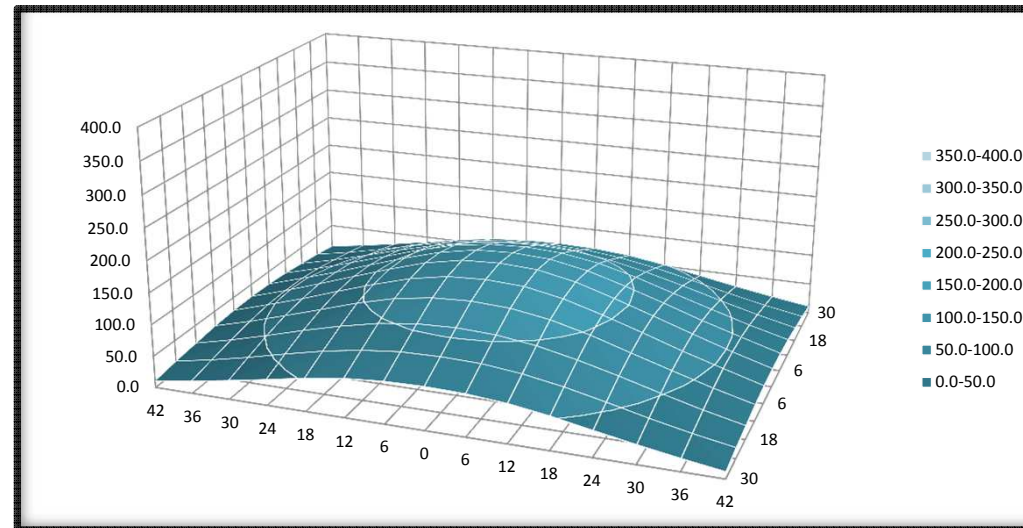


H = 45cm

Modul: LEDURON Aquatic Light 60W / XP Blue
Raumtemperatur: 19 Grad Celsius **Raum:** Abgedunkelt
Messinstrument: kalibriertes Spektrometer **Einheit:** PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
Abstand von Sensor bis uk Modul: 45 cm **Leistungsangabe Hersteller:** 60 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	10.5	19.5	29.5	40.5	52.0	61.0	66.0	67.5	66.0	61.0	52.0	40.5	29.5	19.5	10.5	625.50	
24	16.5	27.5	40.5	55.0	68.5	79.0	85.5	87.0	85.5	79.0	68.5	55.0	40.5	27.5	16.5	832.00	663.00
18	21.0	35.0	51.0	68.0	83.5	96.5	104.5	107.0	104.5	96.5	83.5	68.0	51.0	35.0	21.0	1'026.00	812.00
12	25.5	41.5	59.5	78.0	97.0	112.5	122.0	125.0	122.0	112.5	97.0	78.0	59.5	41.5	25.5	1'197.00	944.00
6	28.0	46.0	64.5	85.0	104.5	122.0	133.5	136.5	133.5	122.0	104.5	85.0	64.5	46.0	28.0	1'303.50	1'026.50
0	29.0	47.0	67.0	87.5	107.5	126.0	138.0	141.0	138.0	126.0	107.5	87.5	67.0	47.0	29.0	1'345.00	1'059.00
6	28.0	46.0	64.5	85.0	104.5	122.0	133.5	136.5	133.5	122.0	104.5	85.0	64.5	46.0	28.0	1'303.50	1'026.50
12	25.5	41.5	59.5	78.0	97.0	112.5	122.0	125.0	122.0	112.5	97.0	78.0	59.5	41.5	25.5	1'197.00	944.00
18	21.0	35.0	51.0	68.0	83.5	96.5	104.5	107.0	104.5	96.5	83.5	68.0	51.0	35.0	21.0	1'026.00	812.00
24	16.5	27.5	40.5	55.0	68.5	79.0	85.5	87.0	85.5	79.0	68.5	55.0	40.5	27.5	16.5	832.00	663.00
30	10.5	19.5	29.5	40.5	52.0	61.0	66.0	67.5	66.0	61.0	52.0	40.5	29.5	19.5	10.5	625.50	

Beleuchtungsstärke 100 % x = 0.146 **Summe** 11'313.00 7'950.00
 Leistungsaufnahme gemessen 58.0 Watt y = 0.054 **PAR pro Watt** 195.05 137.07
 Lux 1'300 lx z = 0.800 **PAR im Mittel** 68.56 98.15



H = 60 cm

Modul: LEDURON Aquatic Light 60W / XP Blue
Raumtemperatur: 19 Grad Celsius **Raum:** Abgedunkelt
Messinstrument: kalibriertes Spektrometer **Einheit:** PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
Abstand von Sensor bis uk Modul: 60 cm **Leistungsangabe Hersteller:** 60 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	23.5	30.0	36.0	41.5	47.0	50.5	53.5	53.5	53.5	50.5	47.0	41.5	36.0	30.0	23.5	617.50	
24	27.5	34.5	41.0	47.5	53.5	57.5	60.5	60.5	60.5	57.5	53.5	47.5	41.0	34.5	27.5	704.50	498.50
18	31.5	38.5	45.5	53.0	60.0	65.0	67.5	68.5	67.5	65.0	60.0	53.0	45.5	38.5	31.5	790.50	559.50
12	34.0	41.5	49.0	57.0	64.5	70.0	73.5	74.5	73.5	70.0	64.5	57.0	49.0	41.5	34.0	853.50	604.50
6	35.0	43.0	51.5	59.5	67.0	73.5	77.0	78.0	77.0	73.5	67.0	59.5	51.5	43.0	35.0	891.00	632.00
0	35.5	43.5	52.5	60.5	68.0	74.0	78.5	80.0	78.5	74.0	68.0	60.5	52.5	43.5	35.5	905.00	642.00
6	35.0	43.0	51.5	59.5	67.0	73.5	77.0	78.0	77.0	73.5	67.0	59.5	51.5	43.0	35.0	891.00	632.00
12	34.0	41.5	49.0	57.0	64.5	70.0	73.5	74.5	73.5	70.0	64.5	57.0	49.0	41.5	34.0	853.50	604.50
18	31.5	38.5	45.5	53.0	60.0	65.0	67.5	68.5	67.5	65.0	60.0	53.0	45.5	38.5	31.5	790.50	559.50
24	27.5	34.5	41.0	47.5	53.5	57.5	60.5	60.5	60.5	57.5	53.5	47.5	41.0	34.5	27.5	704.50	498.50
30	23.5	30.0	36.0	41.5	47.0	50.5	53.5	53.5	53.5	50.5	47.0	41.5	36.0	30.0	23.5	617.50	

Beleuchtungsstärke 100 % x = 0.145 **Summe** 8'619.00 5'231.00
 Leistungsaufnahme gemessen 58.0 Watt y = 0.054 **PAR pro Watt** 148.60 90.19
 Lux 730 lx z = 0.800 **PAR im Mittel** 52.24 64.58

