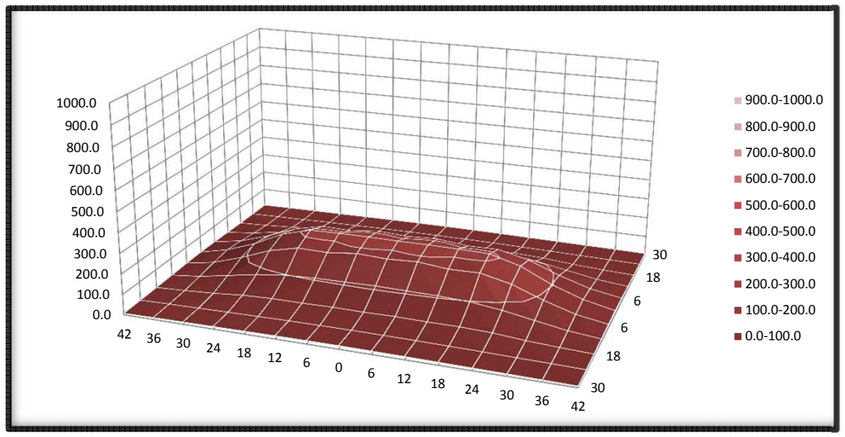
Aqua Medic Ocean Light LED twin 2 x 36 W

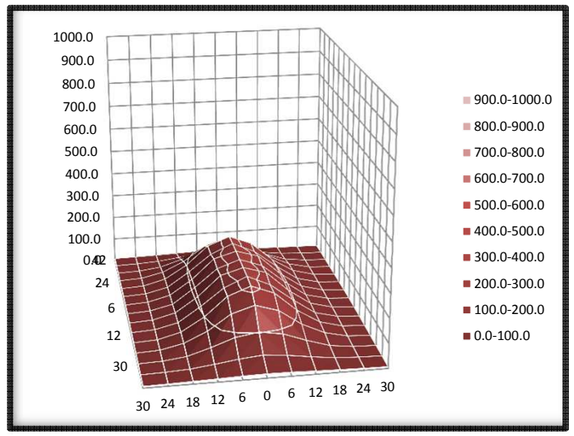
H = 30cm

Modul: **Aqua Medic Ocean Light LED twin 2 x 36 W**
Raumtemperatur: 19 Grad Celsius — Raum: Abgedunkelt
Messinstrument: kalibriertes Spektrometer — Einheit: PAR in µmol/m²/sec
Abstand von Sensor bis uk Modul: 30 cm — Leistungsangabe Hersteller: 72 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	6.5	8.5	10.0	11.5	13.0	14.5	15.5	16.0	15.5	14.5	13.0	11.5	10.0	8.5	6.5	175.00	
24	8.0	11.0	13.0	16.0	18.0	20.0	21.0	21.5	21.0	20.0	18.0	16.0	13.0	11.0	8.0	235.50	171.50
18	10.0	16.0	24.5	37.0	42.5	42.5	45.0	43.5	45.0	42.5	42.5	37.0	24.5	16.0	10.0	478.50	377.50
12	12.5	27.5	53.5	80.0	98.5	105.0	107.5	109.5	107.5	105.0	98.5	80.0	53.5	27.5	12.5	1'078.50	891.50
6	15.5	41.0	87.5	144.0	178.0	175.5	191.0	184.0	191.0	175.5	178.0	144.0	87.5	41.0	15.5	1'849.00	1'561.00
0	17.0	50.0	102.5	173.0	214.0	217.0	218.0	217.0	218.0	217.0	214.0	173.0	102.5	50.0	17.0	2'200.00	1'861.00
6	15.5	41.0	87.5	144.0	178.0	175.5	191.0	184.0	191.0	175.5	178.0	144.0	87.5	41.0	15.5	1'849.00	1'561.00
12	12.5	27.5	53.5	80.0	98.5	105.0	107.5	109.5	107.5	105.0	98.5	80.0	53.5	27.5	12.5	1'078.50	891.50
18	10.0	16.0	24.5	37.0	42.5	42.5	45.0	43.5	45.0	42.5	42.5	37.0	24.5	16.0	10.0	478.50	377.50
24	8.0	11.0	13.0	16.0	18.0	20.0	21.0	21.5	21.0	20.0	18.0	16.0	13.0	11.0	8.0	235.50	171.50
30	6.5	8.5	10.0	11.5	13.0	14.5	15.5	16.0	15.5	14.5	13.0	11.5	10.0	8.5	6.5	175.00	

Beleuchtungsstärke 100 % — x = 0.220 — Summe 9'833.00 7'864.00
Leistungsaufnahme gemessen 66.0 Watt — y = 0.197 — **PAR pro Watt 148.98 119.15**
Lux 9'850 lx — z = 0.583 — **PAR im Mittel 59.59 97.09**



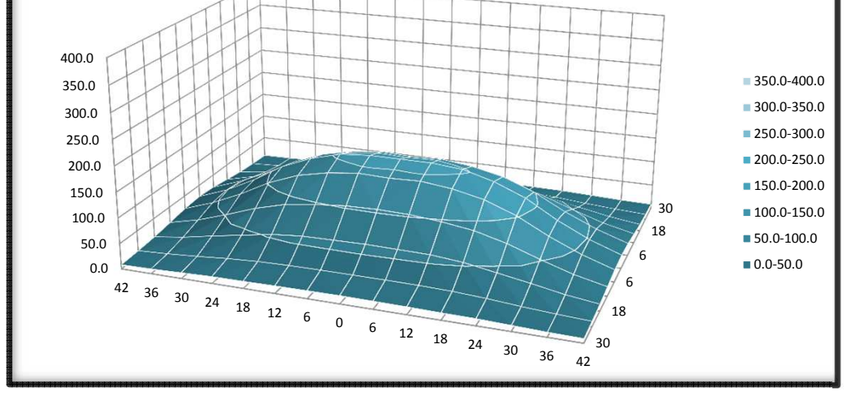


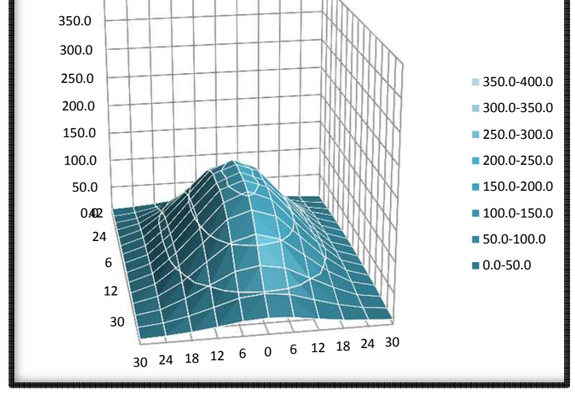
H = 45cm

Modul: **Aqua Medic Ocean Light LED twin 2 x 36 W**
Raumtemperatur: 19 Grad Celsius — Raum: Abgedunkelt
Messinstrument: kalibriertes Spektrometer — Einheit: PAR in µmol/m²/sec
Abstand von Sensor bis uk Modul: 45 cm — Leistungsangabe Hersteller: 72 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	8.0	9.0	11.0	13.0	13.5	14.5	15.0	15.5	15.0	14.5	13.5	13.0	11.0	9.0	8.0	183.50	
24	10.0	13.0	17.0	22.0	25.5	27.0	27.5	27.5	27.5	27.0	25.5	22.0	17.0	13.0	10.0	311.50	231.50
18	13.0	21.0	32.5	43.0	53.5	59.0	60.0	61.0	60.0	59.0	53.5	43.0	32.5	21.0	13.0	625.00	492.00
12	18.0	32.0	51.5	73.0	89.0	97.5	103.0	104.5	103.0	97.5	89.0	73.0	51.5	32.0	18.0	1'032.50	829.50
6	23.5	44.0	70.5	102.0	125.0	138.0	145.0	143.0	145.0	138.0	125.0	102.0	70.5	44.0	23.5	1'439.00	1'163.00
0	26.0	48.0	77.5	113.0	137.5	154.0	159.0	159.0	159.0	154.0	137.5	113.0	77.5	48.0	26.0	1'589.00	1'286.00
6	23.5	44.0	70.5	102.0	125.0	138.0	145.0	143.0	145.0	138.0	125.0	102.0	70.5	44.0	23.5	1'439.00	1'163.00
12	18.0	32.0	51.5	73.0	89.0	97.5	103.0	104.5	103.0	97.5	89.0	73.0	51.5	32.0	18.0	1'032.50	829.50
18	13.0	21.0	32.5	43.0	53.5	59.0	60.0	61.0	60.0	59.0	53.5	43.0	32.5	21.0	13.0	625.00	492.00
24	10.0	13.0	17.0	22.0	25.5	27.0	27.5	27.5	27.5	27.0	25.5	22.0	17.0	13.0	10.0	311.50	231.50
30	8.0	9.0	11.0	13.0	13.5	14.5	15.0	15.5	15.0	14.5	13.5	13.0	11.0	9.0	8.0	183.50	

Beleuchtungsstärke 100 % — x = 0.221 — Summe 8'772.00 6'718.00
Leistungsaufnahme gemessen 66.0 Watt — y = 0.198 — **PAR pro Watt 132.91 101.79**
Lux 7'350 lx — z = 0.581 — **PAR im Mittel 53.16 82.94**



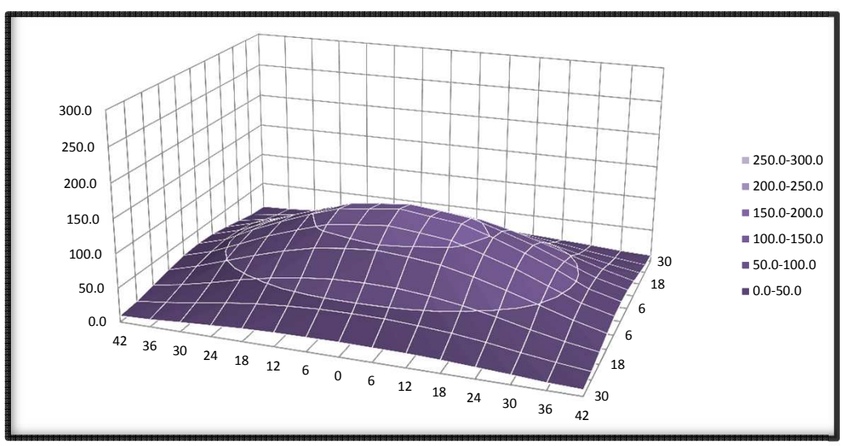


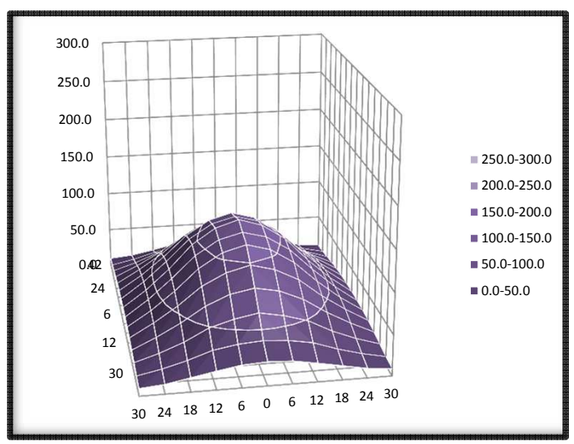
H = 60 cm

Modul: **Aqua Medic Ocean Light LED twin 2 x 36 W**
Raumtemperatur: 19 Grad Celsius — Raum: Abgedunkelt
Messinstrument: kalibriertes Spektrometer — Einheit: PAR in µmol/m²/sec
Abstand von Sensor bis uk Modul: 60 cm — Leistungsangabe Hersteller: 72 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	9.0	10.5	13.5	16.0	18.5	20.0	20.5	21.0	20.5	20.0	18.5	16.0	13.5	10.5	9.0	237.00	
24	11.5	16.5	22.5	29.5	35.0	38.5	41.0	41.5	41.0	38.5	35.0	29.5	22.5	16.5	11.5	430.50	329.50
18	17.0	24.5	34.0	45.0	54.0	61.0	65.5	66.5	65.5	61.0	54.0	45.0	34.0	24.5	17.0	668.50	517.50
12	22.5	34.5	49.0	63.5	76.5	87.0	92.5	96.0	92.5	87.0	76.5	63.5	49.0	34.5	22.5	947.00	735.00
6	27.5	39.5	57.5	76.0	91.0	105.0	110.5	115.0	110.5	105.0	91.0	76.0	57.5	39.5	27.5	1'129.00	880.00
0	29.0	41.5	63.0	81.5	98.5	113.0	118.0	124.0	118.0	113.0	98.5	81.5	63.0	41.5	29.0	1'213.00	946.00
6	27.5	39.5	57.5	76.0	91.0	105.0	110.5	115.0	110.5	105.0	91.0	76.0	57.5	39.5	27.5	1'129.00	880.00
12	22.5	34.5	49.0	63.5	76.5	87.0	92.5	96.0	92.5	87.0	76.5	63.5	49.0	34.5	22.5	947.00	735.00
18	17.0	24.5	34.0	45.0	54.0	61.0	65.5	66.5	65.5	61.0	54.0	45.0	34.0	24.5	17.0	668.50	517.50
24	11.5	16.5	22.5	29.5	35.0	38.5	41.0	41.5	41.0	38.5	35.0	29.5	22.5	16.5	11.5	430.50	329.50
30	9.0	10.5	13.5	16.0	18.5	20.0	20.5	21.0	20.5	20.0	18.5	16.0	13.5	10.5	9.0	237.00	

Beleuchtungsstärke 100 % — x = 0.218 — Summe 8'037.00 5'870.00
Leistungsaufnahme gemessen 66.0 Watt — y = 0.194 — **PAR pro Watt 121.77 88.94**
Lux 5'600 lx — z = 0.588 — **PAR im Mittel 48.71 72.47**





Ertsellungsdatum: 30.01.2014