

# Atlantik Pendant

## H = 30cm

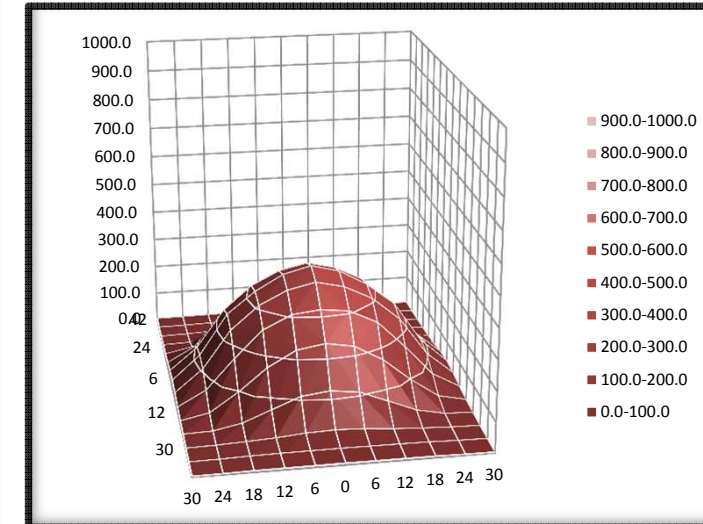
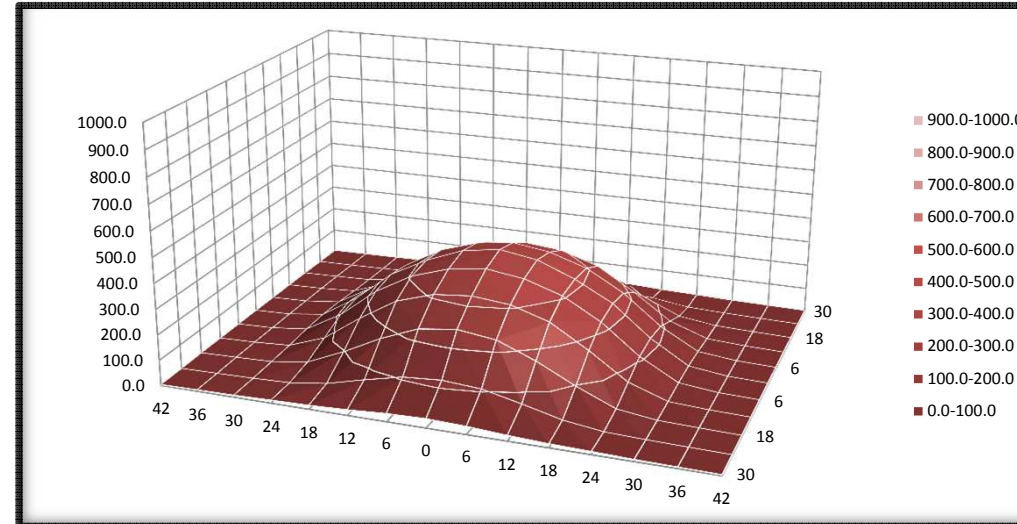
Modul: Atlantik Pendant  
 Raumtemperatur: 19 Grad Celsius  
 Messinstrument: kalibriertes Spektrometer  
 Abstand von Sensor bis uk Modul: 30 cm  
 Raum: Abgedunkelt  
 Einheit: PAR in  $\mu\text{mol}/\text{m}^2/\text{sec}$   
 Leistungsangabe Hersteller: 120 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	3.5	5.5	7.5	11.5	15.0	21.5	31.0	35.5	31.0	21.5	15.0	11.5	7.5	5.5	3.5
24	4.0	6.5	9.5	14.5	34.5	72.0	106.0	116.5	106.0	72.0	34.5	14.5	9.5	6.5	4.0
18	5.5	9.0	13.5	33.5	97.5	172.0	231.5	250.5	231.5	172.0	97.5	33.5	13.5	9.0	5.5
12	6.0	10.0	18.5	71.0	172.5	262.0	308.5	322.5	308.5	262.0	172.5	71.0	18.5	10.0	6.0
6	6.0	10.5	26.5	108.5	224.0	306.5	354.0	374.0	354.0	306.5	224.0	108.5	26.5	10.5	6.0
0	6.5	11.0	30.0	120.0	239.5	317.0	375.0	398.0	375.0	317.0	239.5	120.0	30.0	11.0	6.5
6	6.0	10.5	26.5	108.5	224.0	306.5	354.0	374.0	354.0	306.5	224.0	108.5	26.5	10.5	6.0
12	6.0	10.0	18.5	71.0	172.5	262.0	308.5	322.5	308.5	262.0	172.5	71.0	18.5	10.0	6.0
18	5.5	9.0	13.5	33.5	97.5	172.0	231.5	250.5	231.5	172.0	97.5	33.5	13.5	9.0	5.5
24	4.0	6.5	9.5	14.5	34.5	72.0	106.0	116.5	106.0	72.0	34.5	14.5	9.5	6.5	4.0
30	3.5	5.5	7.5	11.5	15.0	21.5	31.0	35.5	31.0	21.5	15.0	11.5	7.5	5.5	3.5

226.50  
 610.50 570.50  
 1'375.50 1'319.50  
 2'019.50 1'950.50  
 2'446.00 2'360.00  
 2'596.00 2'501.00  
 2'446.00 2'360.00  
 2'019.50 1'950.50  
 1'375.50 1'319.50  
 610.50 570.50  
 226.50 193.50

Beleuchtungsstärke 100 % x = 0.206  
 Leistungsaufnahme gemessen 98.0 Watt y = 0.165  
 Lux 14'440 lx z = 0.628

Summe 15'952.00 15'095.50  
**PAR pro Watt 162.78 154.04**  
**PAR im Mittel 96.68 183.98**



## H = 45cm

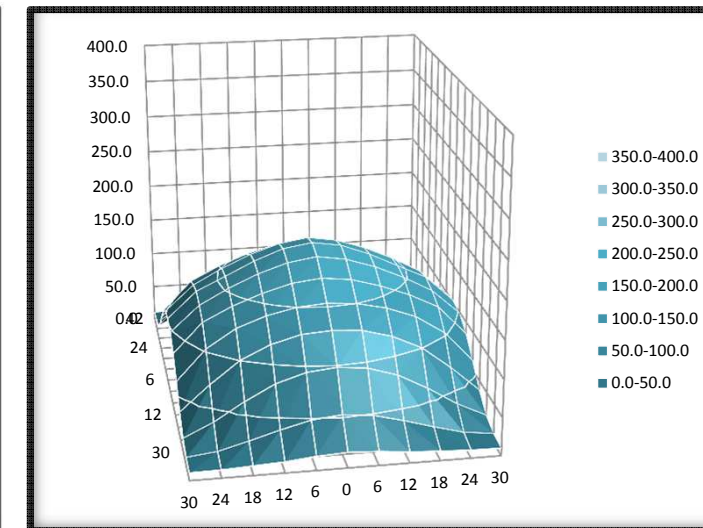
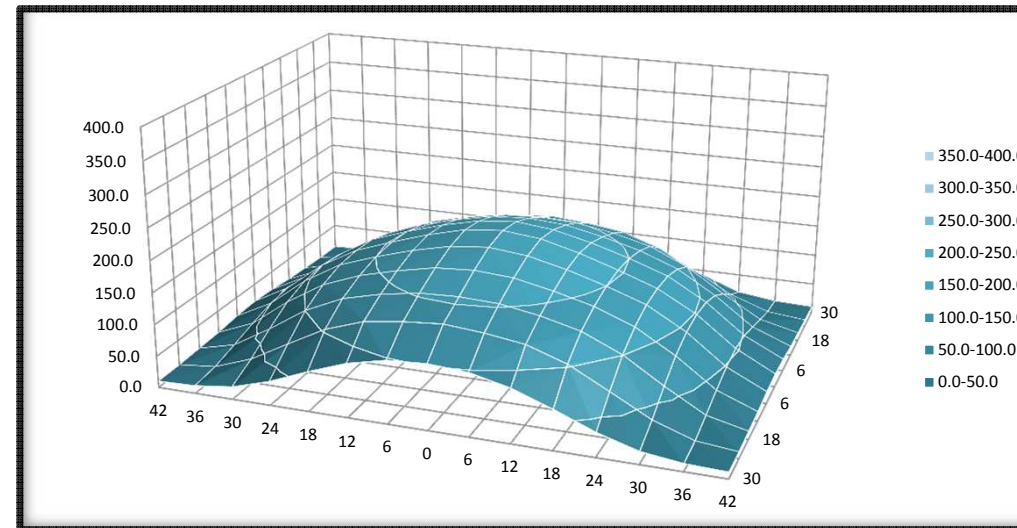
Modul: Atlantik Pendant  
 Raumtemperatur: 19 Grad Celsius  
 Messinstrument: kalibriertes Spektrometer  
 Abstand von Sensor bis uk Modul: 45 cm  
 Raum: Abgedunkelt  
 Einheit: PAR in  $\mu\text{mol}/\text{m}^2/\text{sec}$   
 Leistungsangabe Hersteller: 120 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	10.0	12.0	19.5	37.5	62.0	84.0	98.0	102.0	98.0	84.0	62.0	37.5	19.5	12.0	10.0
24	10.5	16.5	38.0	71.0	103.0	123.5	132.0	137.0	132.0	123.5	103.0	71.0	38.0	16.5	10.5
18	12.5	27.0	62.0	100.5	127.5	142.5	152.5	155.0	152.5	142.5	127.5	100.5	62.0	27.0	12.5
12	14.5	38.5	82.5	118.5	141.5	157.0	169.5	173.5	169.5	157.0	141.5	118.5	82.5	38.5	14.5
6	18.5	48.5	94.5	129.0	150.0	168.0	182.0	188.0	182.0	168.0	150.0	129.0	94.5	48.5	18.5
0	20.5	52.5	98.5	131.5	153.0	172.5	188.0	194.0	188.0	172.5	153.0	131.5	98.5	52.5	20.5
6	18.5	48.5	94.5	129.0	150.0	168.0	182.0	188.0	182.0	168.0	150.0	129.0	94.5	48.5	18.5
12	14.5	38.5	82.5	118.5	141.5	157.0	169.5	173.5	169.5	157.0	141.5	118.5	82.5	38.5	14.5
18	12.5	27.0	62.0	100.5	127.5	142.5	152.5	155.0	152.5	142.5	127.5	100.5	62.0	27.0	12.5
24	10.5	16.5	38.0	71.0	103.0	123.5	132.0	137.0	132.0	123.5	103.0	71.0	38.0	16.5	10.5
30	10.0	12.0	19.5	37.5	62.0	84.0	98.0	102.0	98.0	84.0	62.0	37.5	19.5	12.0	10.0

748.00  
 1'126.00 996.00  
 1'404.00 1'201.00  
 1'617.50 1'346.50  
 1'769.00 1'446.00  
 1'827.00 1'484.00  
 1'769.00 1'446.00  
 1'617.50 1'346.50  
 1'404.00 1'201.00  
 1'126.00 996.00  
 748.00 665.00

Beleuchtungsstärke 100 % x = 0.207  
 Leistungsaufnahme gemessen 98.0 Watt y = 0.168  
 Lux 7'085 lx z = 0.625

Summe 15'156.00 12'128.00  
**PAR pro Watt 154.65 123.76**  
**PAR im Mittel 91.85 141.52**



## H = 60 cm

Modul: Atlantik Pendant  
 Raumtemperatur: 19 Grad Celsius  
 Messinstrument: kalibriertes Spektrometer  
 Abstand von Sensor bis uk Modul: 60 cm  
 Raum: Abgedunkelt  
 Einheit: PAR in  $\mu\text{mol}/\text{m}^2/\text{sec}$   
 Leistungsangabe Hersteller: 120 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	17.5	32.0	50.0	62.0	70.5	75.0	77.5	78.0	77.5	75.0	70.5	62.0	50.0	32.0	17.5
24	27.0	45.5	60.5	71.0	77.5	82.5	85.0	85.5	85.0	82.5	77.5	71.0	60.5	45.5	27.0
18	37.0	55.5	68.5	76.5	83.5	88.5	92.5	94.5	92.5	88.5	83.5	76.5	68.5	55.5	37.0
12	44.5	62.0	73.0	81.5	88.0	94.0	99.5	101.0	99.5	94.0	88.0	81.5	73.0	62.0	44.5
6	46.5	65.5	76.0	84.0	92.5	100.0	104.5	107.0	104.5	100.0	92.5	84.0	76.0	65.5	46.5
0	50.5	66.0	76.5	84.5	93.5	102.0	106.0	109.0	106.0	102.0	93.5	84.5	76.5	66.0	50.5
6	49.5	65.5	76.0	84.0	92.5	100.0	104.5	107.0	104.5	100.0	92.5	84.0	76.0	65.5	49.5
12	44.5	62.0	73.0	81.5	88.0	94.0	99.5	101.0	99.5	94.0	88.0	81.5	73.0	62.0	44.5
18	37.0	55.5	68.5	76.5	83.5	88.5	92.5	94.5	92.5	88.5	83.5	76.5	68.5	55.5	37.0
24	27.0	45.5	60.5	71.0	77.5	82.5	85.0	85.5	85.0	82.5	77.5	71.0	60.5	45.5	27.0
30	17.5	32.0	50.0	62.0	70.5	75.0	77.5	78.0	77.5	75.0	70.5	62.0	50.0	32.0	17.5

847.00  
 983.50 717.50  
 1'098.50 776.50  
 1'186.00 827.00  
 1'248.00 869.00  
 1'267.00 881.00  
 1'251.00 869.00  
 1'186.00 827.00  
 1'098.50 776.50  
 983.50 717.50  
 847.00 648.00

Beleuchtungsstärke 100 % x = 0.207  
 Leistungsaufnahme gemessen 98.0 Watt y = 0.167  
 Lux 4'000 lx z = 0.626

Summe 11'996.00 7'909.00  
**PAR pro Watt 122.41 80.70**  
**PAR im Mittel 72.70 89.64**

