

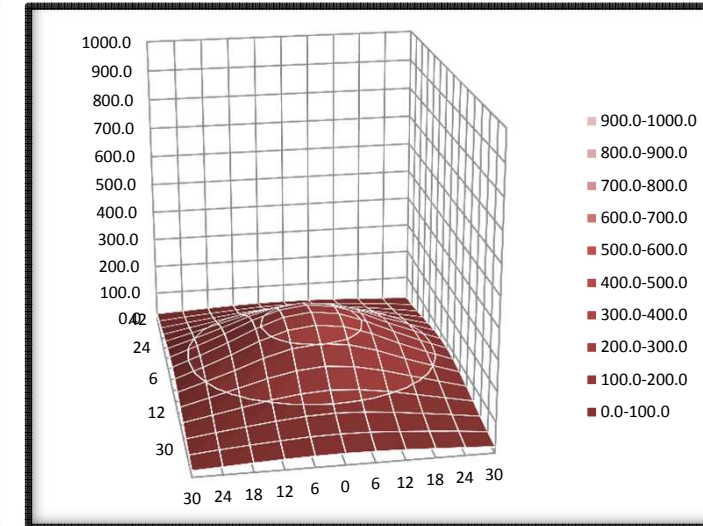
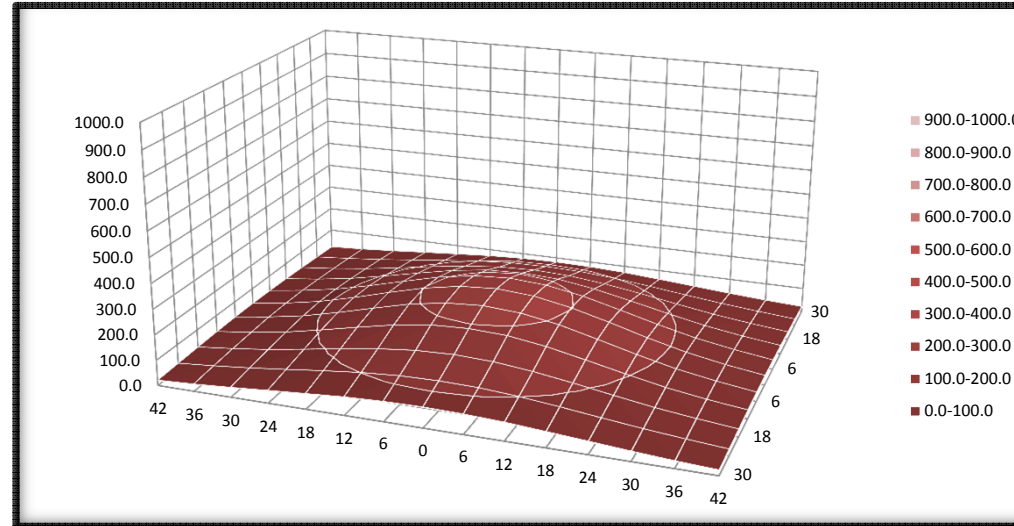
Zetlight IOZEAN B 200

Modul: Zetlight IOZEAN B 200
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: 105 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	20.5	28.0	38.0	49.5	60.5	71.0	77.5	80.0	77.5	71.0	60.5	49.5	38.0	28.0	20.5	770.00	
24	25.0	37.0	51.0	67.5	85.0	100.5	111.0	114.0	111.0	100.5	85.0	67.5	51.0	37.0	25.0	1'068.00	842.00
18	29.5	44.5	62.5	85.5	110.0	131.5	147.0	152.5	147.0	131.5	110.0	85.5	62.5	44.5	29.5	1'373.50	1'100.50
12	33.5	51.0	73.5	103.5	135.5	166.0	187.5	194.0	187.5	166.0	135.5	103.5	73.5	51.0	33.5	1'695.00	1'379.00
6	36.0	56.5	82.0	116.5	155.0	192.0	217.5	227.0	217.5	192.0	155.0	116.5	82.0	56.5	36.0	1'938.00	1'589.00
0	37.0	58.0	85.5	122.0	163.5	201.5	229.0	239.0	229.0	201.5	163.5	122.0	85.5	58.0	37.0	2'032.00	1'671.00
6	36.0	56.5	82.0	116.5	155.0	192.0	217.5	227.0	217.5	192.0	155.0	116.5	82.0	56.5	36.0	1'938.00	1'589.00
12	33.5	51.0	73.5	103.5	135.5	166.0	187.5	194.0	187.5	166.0	135.5	103.5	73.5	51.0	33.5	1'695.00	1'379.00
18	29.5	44.5	62.5	85.5	110.0	131.5	147.0	152.5	147.0	131.5	110.0	85.5	62.5	44.5	29.5	1'373.50	1'100.50
24	25.0	37.0	51.0	67.5	85.0	100.5	111.0	114.0	111.0	100.5	85.0	67.5	51.0	37.0	25.0	1'068.00	842.00
30	20.5	28.0	38.0	49.5	60.5	71.0	77.5	80.0	77.5	71.0	60.5	49.5	38.0	28.0	20.5	770.00	597.00

Beleuchtungsstärke 100 % x = 0.189
Leistungsaufnahme gemessen 110.0 Watt y = 0.123
Lux 7'800 lx z = 0.688
Summe 15'721.00 12'089.00
PAR pro Watt 142.92 109.90
PAR im Mittel 95.28 141.88

H = 30cm

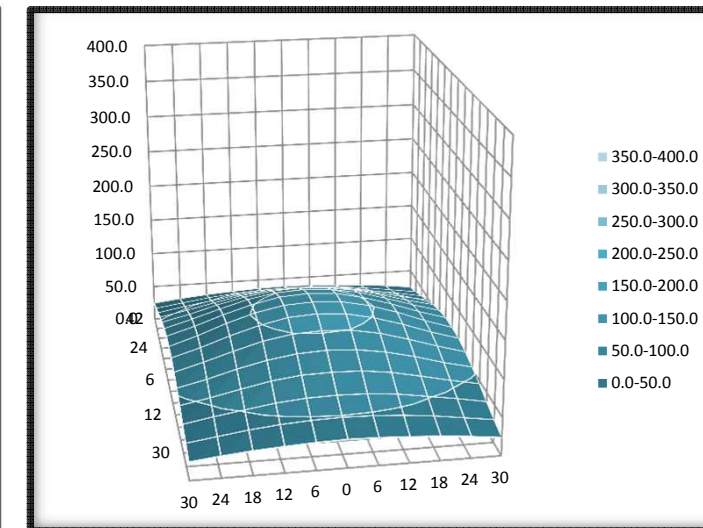
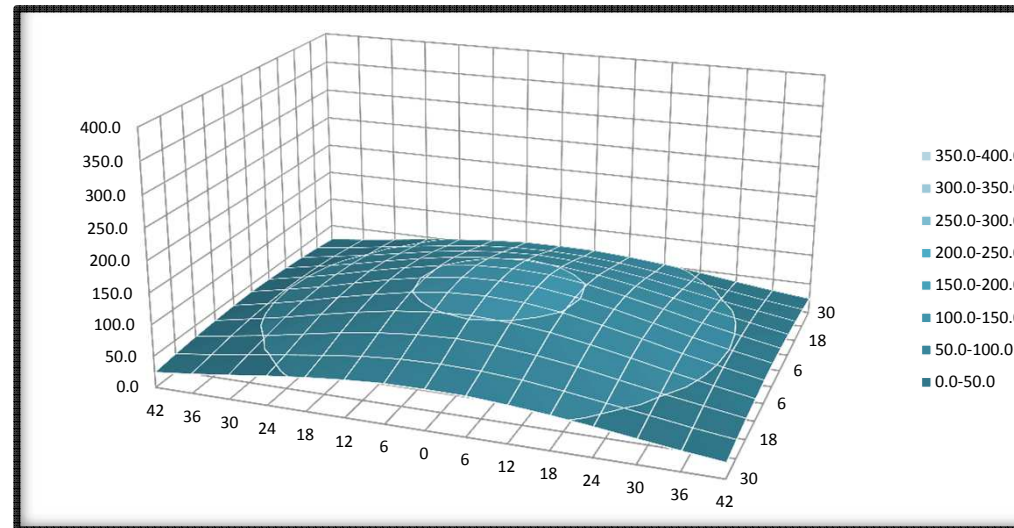


Modul: Zetlight IOZEAN B 200
Raumtemperatur: 19 Grad Celsius
Messinstrument: kalibriertes Spektrometer
Abstand von Sensor bis uk Modul: 45 cm
Raum: Abgedunkelt
Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
Leistungsangabe Hersteller: 105 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	24.0	30.5	38.0	46.0	53.0	58.5	62.5	63.0	62.5	58.5	53.0	46.0	38.0	30.5	24.0	688.00	
24	28.5	36.0	45.0	53.5	62.0	69.5	74.0	75.5	74.0	69.5	62.0	53.5	45.0	36.0	28.5	812.50	593.50
18	32.0	41.5	51.0	62.0	73.0	81.5	87.5	90.0	87.5	81.5	73.0	62.0	51.0	41.5	32.0	947.00	698.00
12	34.5	45.5	57.0	70.0	82.0	92.5	99.0	102.0	99.0	92.5	82.0	70.0	57.0	45.5	34.5	1'063.00	789.00
6	36.5	48.0	60.5	75.0	88.0	99.5	107.5	110.0	107.5	99.5	88.0	75.0	60.5	48.0	36.5	1'140.00	850.00
0	37.5	49.0	61.5	76.0	90.0	101.5	110.0	112.0	110.0	101.5	90.0	76.0	61.5	49.0	37.5	1'163.00	867.00
6	36.5	48.0	60.5	75.0	88.0	99.5	107.5	110.0	107.5	99.5	88.0	75.0	60.5	48.0	36.5	1'140.00	850.00
12	34.5	45.5	57.0	70.0	82.0	92.5	99.0	102.0	99.0	92.5	82.0	70.0	57.0	45.5	34.5	1'063.00	789.00
18	32.0	41.5	51.0	62.0	73.0	81.5	87.5	90.0	87.5	81.5	73.0	62.0	51.0	41.5	32.0	947.00	698.00
24	28.5	36.0	45.0	53.5	62.0	69.5	74.0	75.5	74.0	69.5	62.0	53.5	45.0	36.0	28.5	812.50	593.50
30	24.0	30.5	38.0	46.0	53.0	58.5	62.5	63.0	62.5	58.5	53.0	46.0	38.0	30.5	24.0	688.00	503.00

Beleuchtungsstärke 100 % x = 0.184
Leistungsaufnahme gemessen 110.0 Watt y = 0.115
Lux 3'540 lx z = 0.700
Summe 10'464.00 7'231.00
PAR pro Watt 95.13 65.74
PAR im Mittel 63.42 83.06

H = 45cm



Modul: Zetlight IOZEAN B 200
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: 105 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	22.0	26.0	29.5	33.5	36.5	39.5	41.5	42.0	41.5	39.5	36.5	33.5	29.5	26.0	22.0	499.00	
24	25.5	29.5	33.5	38.0	42.0	45.0	47.0	47.5	47.0	45.0	42.0	38.0	33.5	29.5	25.5	568.50	391.50
18	27.5	32.0	37.0	42.0	46.5	50.0	52.5	53.0	52.5	50.0	46.5	42.0	37.0	32.0	27.5	628.00	435.00
12	28.5	34.0	39.5	45.0	50.0	54.0	56.5	57.0	56.5	54.0	50.0	45.0	39.5	34.0	28.5	672.00	468.00
6	29.5	35.0	41.0	47.0	52.5	56.5	59.0	60.0	59.0	56.5	52.5	47.0	41.0	35.0	29.5	701.00	490.00
0	30.0	35.5	41.5	47.5	53.0	57.0	60.0	61.0	60.0	57.0	53.0	47.5	41.5	35.5	30.0	710.00	496.00
6	29.5	35.0	41.0	47.0	52.5	56.5	59.0	60.0	59.0	56.5	52.5	47.0	41.0	35.0	29.5	701.00	490.00
12	28.5	34.0	39.5	45.0	50.0	54.0	56.5	57.0	56.5	54.0	50.0	45.0	39.5	34.0	28.5	672.00	468.00
18	27.5	32.0	37.0	42.0	46.5	50.0	52.5	53.0	52.5	50.0	46.5	42.0	37.0	32.0	27.5	628.00	435.00
24	25.5	29.5	33.5	38.0	42.0	45.0	47.0	47.5	47.0	45.0	42.0	38.0	33.5	29.5	25.5	568.50	391.50
30	22.0	26.0	29.5	33.5	36.5	39.5	41.5	42.0	41.5	39.5	36.5	33.5	29.5	26.0	22.0	499.00	344.00

Beleuchtungsstärke 100 % x = 0.178
Leistungsaufnahme gemessen 110.0 Watt y = 0.107
Lux 1'880 lx z = 0.715
Summe 6'847.00 4'409.00
PAR pro Watt 62.25 40.08
PAR im Mittel 41.50 50.19

H = 60 cm

