Giesemann Aurora nur T5 - 4 x 24W; ATI Aquablue special

H = 30cm

Modul: **Giesemann Aurora nur T5 4 x 24W; ATI Aquablue special**

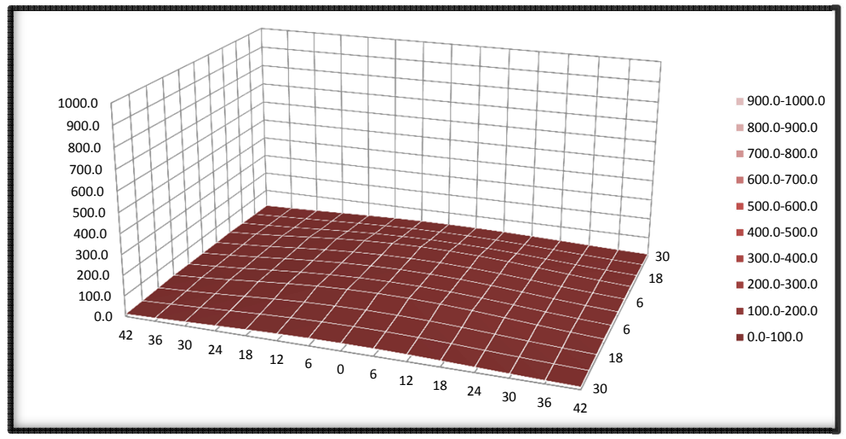
Raumtemperatur: 19 Grad Celsius — Raum: Abgedunkelt

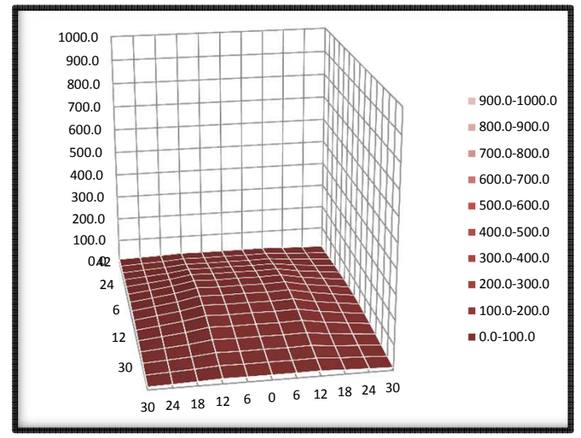
Messinstrument: kalibriertes Spektrometer — Einheit: PAR in µmol/m²/sec

Abstand von Sensor bis uk Modul: 30 cm — Leistungsangabe Hersteller: 96 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	11.0	14.5	19.0	24.0	28.5	32.5	35.0	35.5	35.0	32.5	28.5	24.0	19.0	14.5	11.0	364.50	
24	13.5	19.0	25.0	31.5	38.5	43.5	47.0	48.0	47.0	43.5	38.5	31.5	25.0	19.0	13.5	484.00	369.00
18	16.5	23.0	30.5	39.5	48.5	55.5	59.5	61.5	59.5	55.5	48.5	39.5	30.5	23.0	16.5	607.50	467.50
12	20.5	29.5	40.0	52.0	63.5	72.5	78.0	80.0	78.0	72.5	63.5	52.0	40.0	29.5	20.5	792.00	612.00
6	19.5	28.0	38.0	50.0	61.0	69.5	75.0	76.5	75.0	69.5	61.0	50.0	38.0	28.0	19.5	758.50	587.50
0	19.5	28.5	39.0	51.0	62.0	71.0	76.0	78.0	76.0	71.0	62.0	51.0	39.0	28.5	19.5	772.00	598.00
6	19.5	28.0	38.0	50.0	61.0	69.5	75.0	76.5	75.0	69.5	61.0	50.0	38.0	28.0	19.5	758.50	587.50
12	20.5	29.5	40.0	52.0	63.5	72.5	78.0	80.0	78.0	72.5	63.5	52.0	40.0	29.5	20.5	792.00	612.00
18	16.5	23.0	30.5	39.5	48.5	55.5	59.5	61.5	59.5	55.5	48.5	39.5	30.5	23.0	16.5	607.50	467.50
24	13.5	19.0	25.0	31.5	38.5	43.5	47.0	48.0	47.0	43.5	38.5	31.5	25.0	19.0	13.5	484.00	369.00
30	11.0	14.5	19.0	24.0	28.5	32.5	35.0	35.5	35.0	32.5	28.5	24.0	19.0	14.5	11.0	364.50	

Beleuchtungsstärke	100 %	x =	0.257	Summe	6'785.00	4'670.00
Leistungsaufnahme gemessen	102.5 Watt	y =	0.231	**PAR pro Watt**	**66.20**	**45.56**
Lux	4'200 lx	z =	0.513	**PAR im Mittel**	**41.12**	**57.65**





H = 45cm

Modul: **Giesemann Aurora nur T5 4 x 24W; ATI Aquablue special**

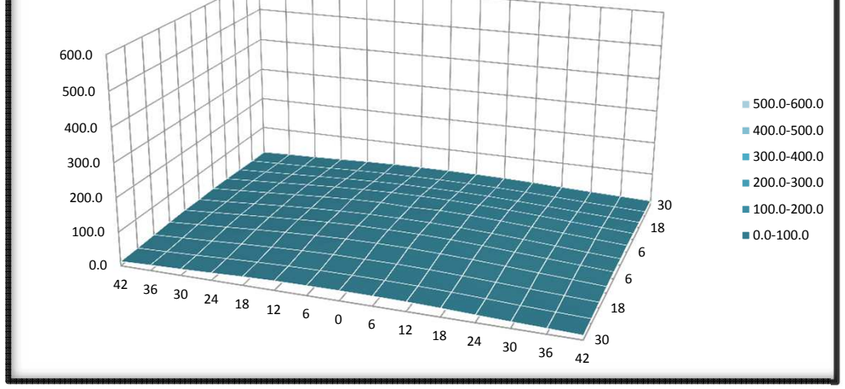
Raumtemperatur: 19 Grad Celsius — Raum: Abgedunkelt

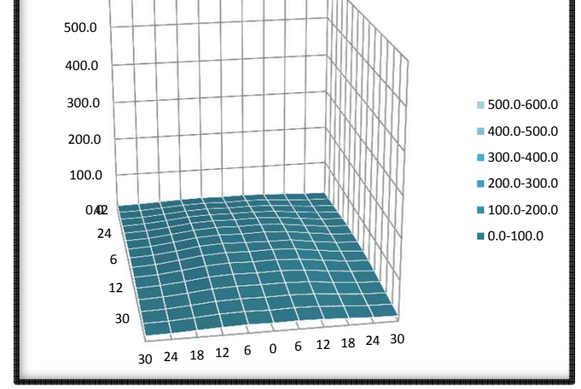
Messinstrument: kalibriertes Spektrometer — Einheit: PAR in µmol/m²/sec

Abstand von Sensor bis uk Modul: 45 cm — Leistungsangabe Hersteller: 96 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	12.5	15.5	18.0	21.0	24.5	27.0	28.0	28.5	28.0	27.0	24.5	21.0	18.0	15.5	12.5	321.50	
24	13.5	16.5	19.5	23.5	27.0	29.5	31.0	31.5	31.0	29.5	27.0	23.5	19.5	16.5	13.5	352.50	253.50
18	16.0	20.0	24.0	28.5	32.5	36.0	38.0	38.0	38.0	36.0	32.5	28.5	24.0	20.0	16.0	428.00	308.00
12	18.5	24.0	29.0	34.5	39.5	43.0	46.0	46.5	46.0	43.0	39.5	34.5	29.0	24.0	18.5	515.50	372.50
6	20.0	25.5	31.0	36.5	42.0	46.5	49.0	49.5	49.0	46.5	42.0	36.5	31.0	25.5	20.0	550.50	397.50
0	19.0	24.0	30.0	36.0	41.0	45.0	47.5	48.0	47.5	45.0	41.0	36.0	30.0	24.0	19.0	533.00	387.00
6	20.0	25.5	31.0	36.5	42.0	46.5	49.0	46.5	49.0	46.5	42.0	36.5	31.0	25.5	20.0	547.50	394.50
12	18.5	24.0	29.0	34.5	39.5	43.0	46.0	46.5	46.0	43.0	39.5	34.5	29.0	24.0	18.5	515.50	372.50
18	16.0	20.0	24.0	28.5	32.5	36.0	38.0	38.0	38.0	36.0	32.5	28.5	24.0	20.0	16.0	428.00	308.00
24	13.5	16.5	19.5	23.5	27.0	29.5	31.0	31.5	31.0	29.5	27.0	23.5	19.5	16.5	13.5	352.50	253.50
30	12.5	15.5	18.0	21.0	24.5	27.0	28.0	28.5	28.0	27.0	24.5	21.0	18.0	15.5	12.5	321.50	

Beleuchtungsstärke	100 %	x =	0.256	Summe	4'866.00	3'047.00
Leistungsaufnahme gemessen	102.5 Watt	y =	0.230	**PAR pro Watt**	**47.47**	**29.73**
Lux	2'600 lx	z =	0.513	**PAR im Mittel**	**29.49**	**37.62**





H = 60 cm

Modul: **Giesemann Aurora nur T5 4 x 24W; ATI Aquablue special**

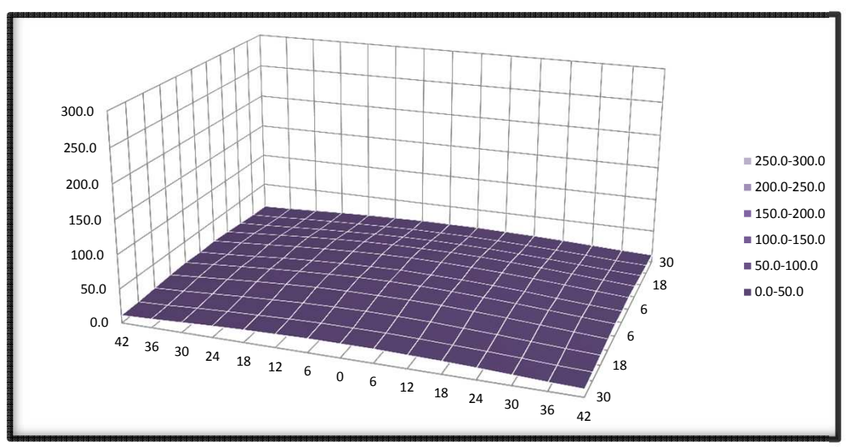
Raumtemperatur: 19 Grad Celsius — Raum: Abgedunkelt

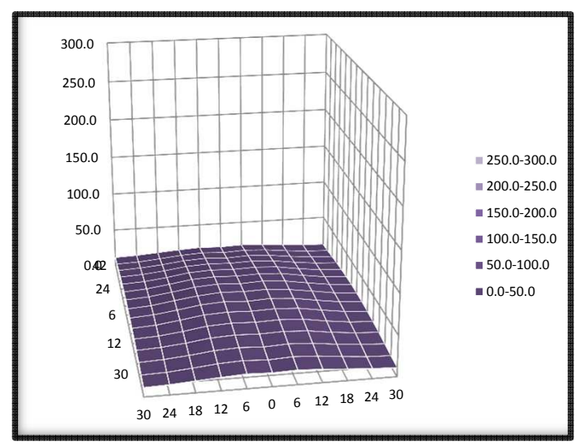
Messinstrument: kalibriertes Spektrometer — Einheit: PAR in µmol/m²/sec

Abstand von Sensor bis uk Modul: 60 cm — Leistungsangabe Hersteller: 96 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	11.0	12.5	14.5	16.5	18.0	19.0	20.0	20.0	20.0	19.0	18.0	16.5	14.5	12.5	11.0	243.00	
24	12.0	13.5	16.0	18.0	19.5	21.0	22.0	22.0	22.0	21.0	19.5	18.0	16.0	13.5	12.0	266.00	183.00
18	14.0	16.0	18.5	21.0	23.0	25.0	26.0	26.5	26.0	25.0	23.0	21.0	18.5	16.0	14.0	313.50	216.50
12	16.0	19.0	22.0	25.0	27.5	29.5	30.5	30.5	30.5	29.5	27.5	25.0	22.0	19.0	16.0	369.50	255.50
6	17.5	20.5	23.5	26.5	29.0	31.0	32.5	33.0	32.5	31.0	29.0	26.5	23.5	20.5	17.5	394.00	271.00
0	16.5	19.0	22.0	25.5	28.0	30.0	31.0	32.0	31.0	30.0	28.0	25.5	22.0	19.0	16.5	376.00	261.00
6	17.5	20.5	23.5	26.5	29.0	31.0	32.5	33.0	32.5	31.0	29.0	26.5	23.5	20.5	17.5	394.00	271.00
12	16.0	19.0	22.0	25.0	27.5	29.5	30.5	30.5	30.5	29.5	27.5	25.0	22.0	19.0	16.0	369.50	255.50
18	14.0	16.0	18.5	21.0	23.0	25.0	26.0	26.5	26.0	25.0	23.0	21.0	18.5	16.0	14.0	313.50	216.50
24	12.0	13.5	16.0	18.0	19.5	21.0	22.0	22.0	22.0	21.0	19.5	18.0	16.0	13.5	12.0	266.00	183.00
30	11.0	12.5	14.5	16.5	18.0	19.0	20.0	20.0	20.0	19.0	18.0	16.5	14.5	12.5	11.0	243.00	

Beleuchtungsstärke	100 %	x =	0.255	Summe	3'548.00	2'113.00
Leistungsaufnahme gemessen	102.5 Watt	y =	0.230	**PAR pro Watt**	**34.61**	**20.61**
Lux	1'730 lx	z =	0.515	**PAR im Mittel**	**21.50**	**26.09**





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