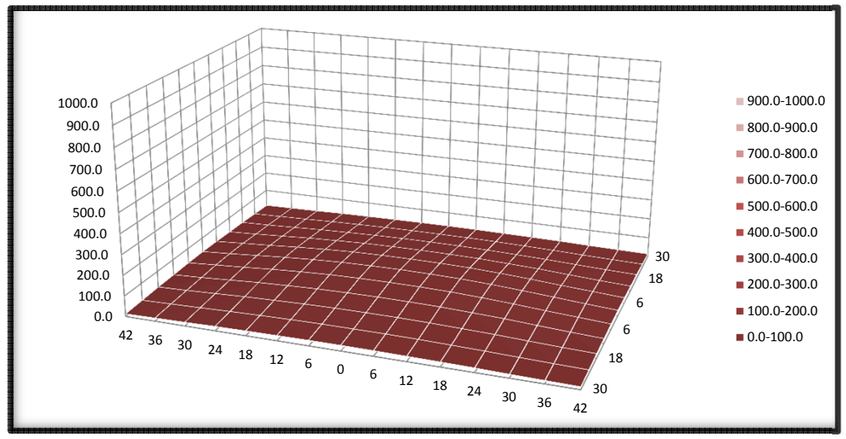
Giesemann PULZAR LED HO

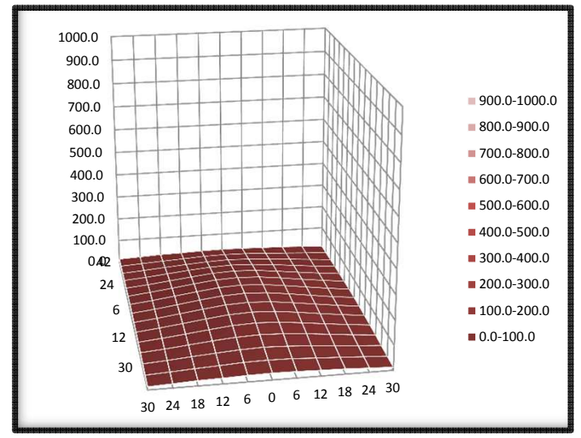
H = 30cm

Modul: **Giesemann PULZAR LED HO**
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: 39 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	12.0	14.5	17.0	20.5	22.5	24.0	25.5	26.0	25.5	24.0	22.5	20.5	17.0	14.5	12.0	298.00	
24	16.0	19.5	23.5	28.0	31.5	34.5	36.0	36.0	36.0	34.5	31.5	28.0	23.5	19.5	16.0	414.00	296.00
18	20.5	25.0	31.0	37.5	42.0	46.0	48.5	49.0	48.5	46.0	42.0	37.5	31.0	25.0	20.5	550.00	397.00
12	22.5	29.5	38.0	47.0	53.0	58.5	61.0	62.0	61.0	58.5	53.0	47.0	38.0	29.5	22.5	681.00	501.00
6	25.5	35.0	44.0	54.5	63.0	69.5	72.5	73.5	72.5	69.5	63.0	54.5	44.0	35.0	25.5	801.50	592.50
0	27.0	36.5	47.5	58.0	67.0	73.5	76.5	78.0	76.5	73.5	67.0	58.0	47.5	36.5	27.0	850.00	628.00
6	25.5	35.0	44.0	54.5	63.0	69.5	72.5	73.5	72.5	69.5	63.0	54.5	44.0	35.0	25.5	801.50	592.50
12	22.5	29.5	38.0	47.0	53.0	58.8	61.0	62.0	61.0	58.8	53.0	47.0	38.0	29.5	22.5	681.60	501.60
18	20.5	25.0	31.0	37.5	42.0	46.0	48.5	49.0	48.5	46.0	42.0	37.5	31.0	25.0	20.5	550.00	397.00
24	16.0	19.5	23.5	28.0	31.5	34.5	36.0	36.0	36.0	34.5	31.5	28.0	23.5	19.5	16.0	414.00	296.00
30	12.0	14.5	17.0	20.5	22.5	24.0	25.5	26.0	25.5	24.0	22.5	20.5	17.0	14.5	12.0	298.00	

Beleuchtungsstärke	100 %	x =	0.240	Summe	6'339.60	4'201.60
Leistungsaufnahme gemessen	42.5 Watt	y =	0.217	**PAR pro Watt**	**149.17**	**98.86**
Lux	3'640 lx	z =	0.543	**PAR im Mittel**	**38.42**	**51.87**



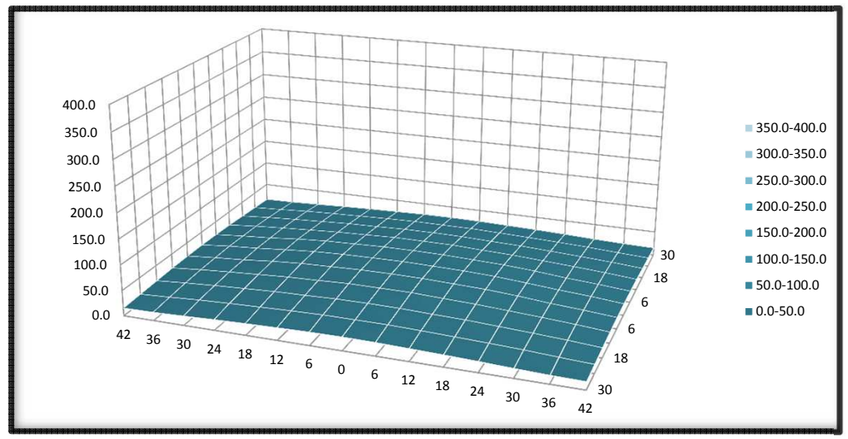


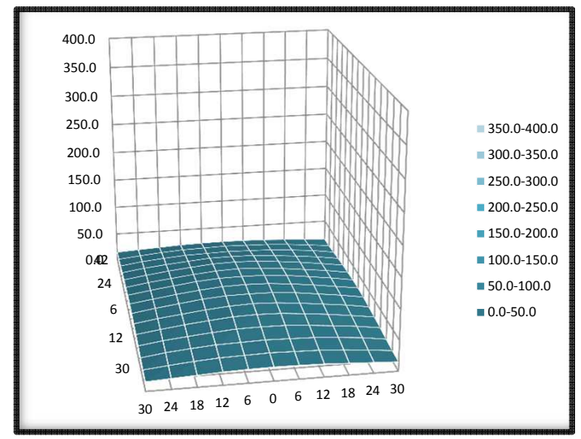
H = 45cm

Modul: **Giesemann PULZAR LED HO**
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: 39 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	15.0	16.0	18.0	20.5	22.5	24.0	25.5	26.0	25.5	24.0	22.5	20.5	18.0	16.0	15.0	309.00	
24	17.0	20.0	23.5	26.0	28.0	30.0	31.5	31.5	31.5	30.0	28.0	26.0	23.5	20.0	17.0	383.50	262.50
18	19.0	23.5	27.0	30.0	33.0	34.5	36.5	37.0	36.5	34.5	33.0	30.0	27.0	23.5	19.0	444.00	305.00
12	21.0	26.0	30.0	33.5	37.0	39.0	41.5	41.5	41.5	39.0	37.0	33.5	30.0	26.0	21.0	497.50	343.50
6	22.0	27.0	31.0	36.5	40.5	42.5	44.5	45.0	44.5	42.5	40.5	36.5	31.0	27.0	22.0	533.00	373.00
0	22.5	28.0	32.0	37.0	41.5	44.0	45.0	46.0	45.0	44.0	41.5	37.0	32.0	28.0	22.5	546.00	381.00
6	22.0	27.0	31.0	36.5	40.5	42.5	44.5	45.0	44.5	42.5	40.5	36.5	31.0	27.0	22.0	533.00	373.00
12	21.0	26.0	30.0	33.5	37.0	39.0	41.5	41.5	41.5	39.0	37.0	33.5	30.0	26.0	21.0	497.50	343.50
18	19.0	23.5	27.0	30.0	33.0	34.5	36.5	37.0	36.5	34.5	33.0	30.0	27.0	23.5	19.0	444.00	305.00
24	17.0	20.0	23.5	26.0	28.0	30.0	31.5	31.5	31.5	30.0	28.0	26.0	23.5	20.0	17.0	383.50	262.50
30	15.0	16.0	18.0	20.5	22.5	24.0	25.5	26.0	25.5	24.0	22.5	20.5	18.0	16.0	15.0	309.00	

Beleuchtungsstärke	100 %	x =	0.242	Summe	4'880.00	2'949.00
Leistungsaufnahme gemessen	42.5 Watt	y =	0.218	**PAR pro Watt**	**114.82**	**69.39**
Lux	2'150 lx	z =	0.539	**PAR im Mittel**	**29.58**	**36.41**



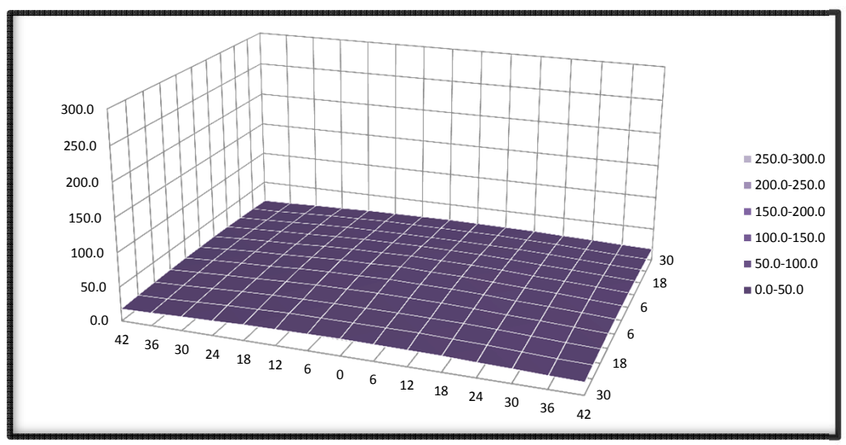


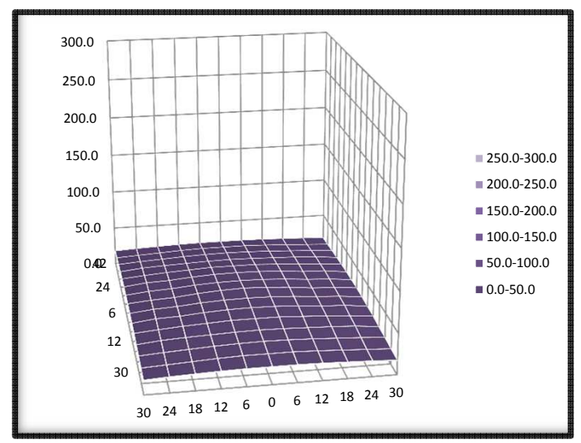
H = 60 cm

Modul: **Giesemann PULZAR LED HO**
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: 39 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	17.5	18.5	20.0	21.0	22.5	23.0	23.5	24.0	23.5	23.0	22.5	21.0	20.0	18.5	17.5	316.00	
24	19.0	20.0	22.0	24.0	25.0	26.5	26.5	26.5	26.5	26.5	25.0	24.0	22.0	20.0	19.0	352.50	230.50
18	20.0	21.5	23.5	25.5	27.0	27.5	28.0	28.0	28.0	27.5	27.0	25.5	23.5	21.5	20.0	374.00	244.00
12	21.0	23.0	25.0	26.5	28.5	30.0	30.5	31.0	30.5	30.0	28.5	26.5	25.0	23.0	21.0	400.00	262.00
6	21.5	24.0	26.0	27.5	30.0	31.5	32.0	33.0	32.0	31.5	30.0	27.5	26.0	24.0	21.5	418.00	275.00
0	21.5	24.0	26.5	28.0	30.0	32.0	32.5	34.0	32.5	32.0	30.0	28.0	26.5	24.0	21.5	423.00	279.00
6	21.5	24.0	26.0	27.5	30.0	31.5	32.0	33.0	32.0	31.5	30.0	27.5	26.0	24.0	21.5	418.00	275.00
12	21.0	23.0	25.0	26.5	28.5	30.0	30.5	31.0	30.5	30.0	28.5	26.5	25.0	23.0	21.0	400.00	262.00
18	20.0	21.5	23.5	25.5	27.0	27.5	28.0	28.0	28.0	27.5	27.0	25.5	23.5	21.5	20.0	374.00	244.00
24	19.0	20.0	22.0	24.0	25.0	26.5	26.5	26.5	26.5	26.5	25.0	24.0	22.0	20.0	19.0	352.50	230.50
30	17.5	18.5	20.0	21.0	22.5	23.0	23.5	24.0	23.5	23.0	22.5	21.0	20.0	18.5	17.5	316.00	

Beleuchtungsstärke	100 %	x =	0.246	Summe	4'144.00	2'302.00
Leistungsaufnahme gemessen	42.5 Watt	y =	0.223	**PAR pro Watt**	**97.51**	**54.16**
Lux	1'510 lx	z =	0.530	**PAR im Mittel**	**25.12**	**28.42**





Erstellungsdatum: 16.08.2015