

Giesemann Auora T5 - 4 x 24W; LED Board 85 Watt

Modul: Giesemann Auora T5 2 x 24W Giesemann aquablue-coral;
T5 2 x 24W Giesemann Powerchrom super purple; LED 85 W
 Raumtemperatur: 19 Grad Celsius Raum: Abgedunkelt
 Messinstrument: kalibriertes Spektrometer Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
 Abstand von Sensor bis uk Modul: 30 cm Leistungsangabe Hersteller: 181 Watt

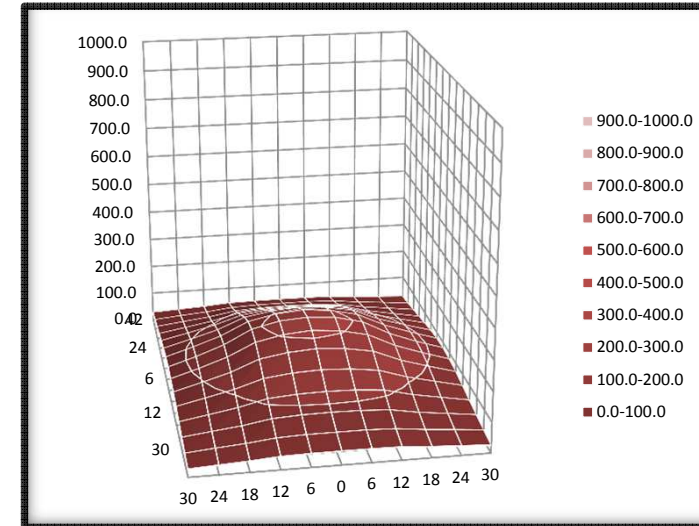
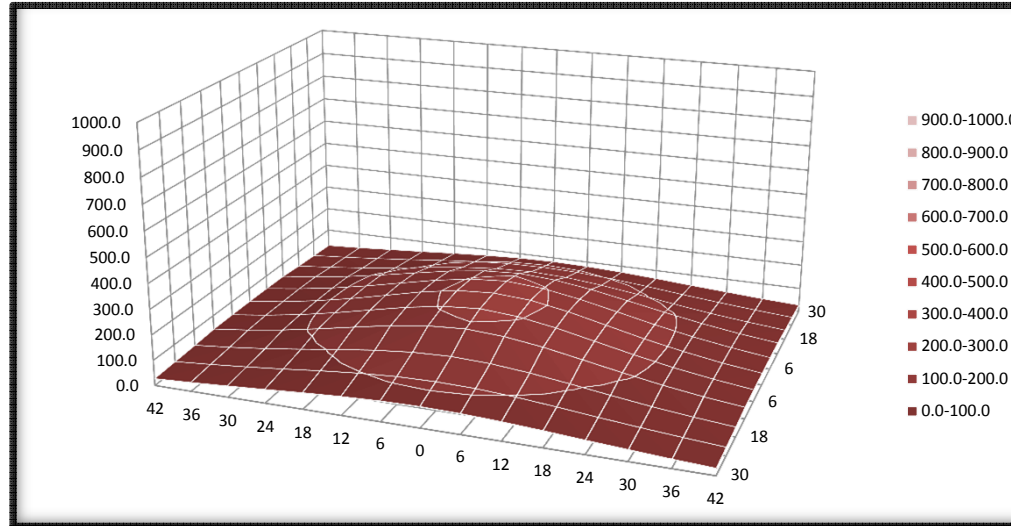
H = 30cm

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	26.5	34.0	43.5	53.0	63.5	72.5	79.0	81.5	79.0	72.5	63.5	53.0	43.5	34.0	26.5
24	31.5	42.5	55.0	69.0	84.5	98.0	107.5	110.5	107.5	98.0	84.5	69.0	55.0	42.5	31.5
18	36.5	50.0	66.0	85.5	106.5	125.5	139.5	145.0	139.5	125.5	106.5	85.5	66.0	50.0	36.5
12	43.5	60.5	82.0	108.0	136.0	163.5	183.5	192.5	183.5	163.5	136.0	108.0	82.0	60.5	43.5
6	45.0	64.0	87.0	115.5	147.5	179.0	203.5	214.5	203.5	179.0	147.5	115.5	87.0	64.0	45.0
0	45.5	64.0	88.5	117.5	151.5	185.5	211.5	221.0	211.5	185.5	151.5	117.5	88.5	64.0	45.5
6	45.0	64.0	87.0	115.5	147.5	179.0	203.5	214.5	203.5	179.0	147.5	115.5	87.0	64.0	45.0
12	43.5	60.5	82.0	108.0	136.0	163.5	183.5	192.5	183.5	163.5	136.0	108.0	82.0	60.5	43.5
18	36.5	50.0	66.0	85.5	106.5	125.5	139.5	145.0	139.5	125.5	106.5	85.5	66.0	50.0	36.5
24	31.5	42.5	55.0	69.0	84.5	98.0	107.5	110.5	107.5	98.0	84.5	69.0	55.0	42.5	31.5
30	26.5	34.0	43.5	53.0	63.5	72.5	79.0	81.5	79.0	72.5	63.5	53.0	43.5	34.0	26.5

825.50
 1'086.50 828.50
 1'364.00 1'059.00
 1'746.50 1'374.50
 1'897.50 1'505.50
 1'949.00 1'553.00
 1'897.50 1'505.50
 1'746.50 1'374.50
 1'364.00 1'059.00
 1'086.50 828.50
 825.50

Summe 15'789.00 11'088.00
PAR pro Watt 103.20 72.47
PAR im Mittel 95.69 136.89

Beleuchtungsstärke 100 % x = 0.213
 Leistungsaufnahme gemessen 153.0 Watt y = 0.170
 Lux 8'475 lx z = 0.617



Modul: Giesemann Auora T5 2 x 24W Giesemann aquablue-coral;
T5 2 x 24W Giesemann Powerchrom super purple; LED 85 W
 Raumtemperatur: 19 Grad Celsius Raum: Abgedunkelt
 Messinstrument: kalibriertes Spektrometer Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
 Abstand von Sensor bis uk Modul: 45 cm Leistungsangabe Hersteller: 181 Watt

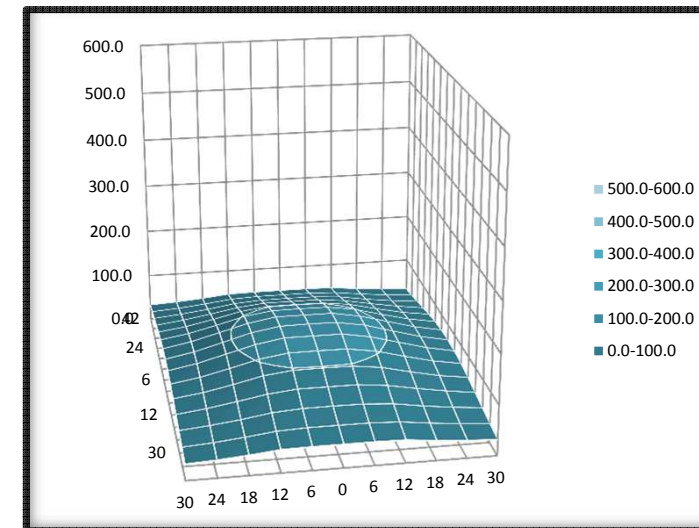
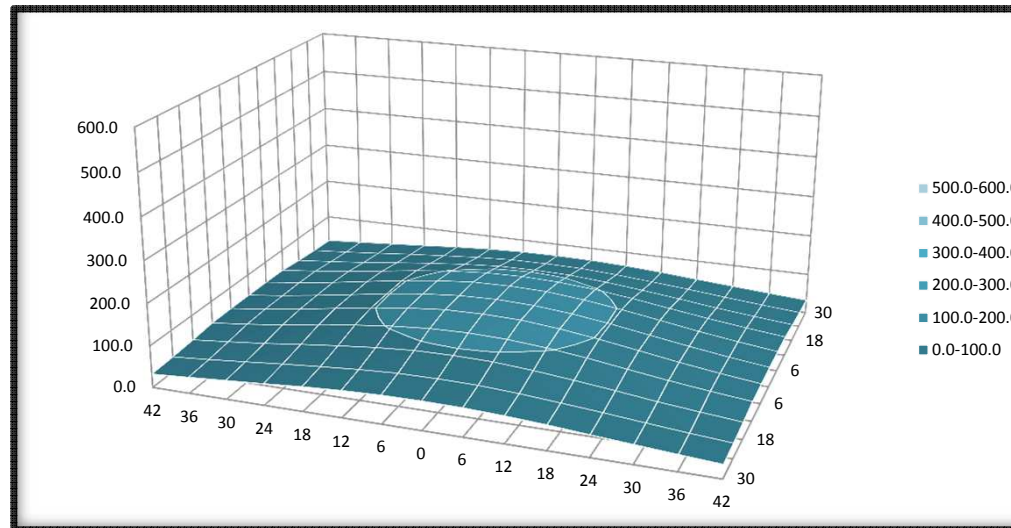
H = 45cm

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	32.0	38.0	44.5	51.0	58.0	63.5	67.0	68.0	67.0	63.5	58.0	51.0	44.5	38.0	32.0
24	35.0	42.0	50.0	58.5	66.0	73.0	78.0	79.0	78.0	73.0	66.0	58.5	50.0	42.0	35.0
18	39.5	48.0	57.0	68.0	78.0	87.0	93.5	95.0	93.5	87.0	78.0	68.0	57.0	48.0	39.5
12	45.5	55.0	66.0	78.5	91.5	102.0	109.0	111.5	109.0	102.0	91.5	78.5	66.0	55.0	45.5
6	46.5	57.5	70.0	84.5	98.5	110.5	119.0	121.0	119.0	110.5	98.5	84.5	70.0	57.5	46.5
0	46.5	57.5	70.5	84.5	99.0	111.0	119.0	122.0	119.0	111.0	99.0	84.5	70.5	57.5	46.5
6	46.5	57.5	70.0	84.5	98.5	110.5	119.0	121.0	119.0	110.5	98.5	84.5	70.0	57.5	46.5
12	45.5	55.0	66.0	78.5	91.5	102.0	109.0	111.5	109.0	102.0	91.5	78.5	66.0	55.0	45.5
18	39.5	48.0	57.0	68.0	78.0	87.0	93.5	95.0	93.5	87.0	78.0	68.0	57.0	48.0	39.5
24	35.0	42.0	50.0	58.5	66.0	73.0	78.0	79.0	78.0	73.0	66.0	58.5	50.0	42.0	35.0
30	32.0	38.0	44.5	51.0	58.0	63.5	67.0	68.0	67.0	63.5	58.0	51.0	44.5	38.0	32.0

776.00
 884.00 630.00
 1'037.00 748.00
 1'206.50 873.50
 1'294.00 946.00
 1'298.00 949.00
 1'294.00 946.00
 1'206.50 873.50
 1'037.00 748.00
 884.00 630.00
 776.00

Summe 11'693.00 7'344.00
PAR pro Watt 76.42 48.00
PAR im Mittel 70.87 90.67

Beleuchtungsstärke 100 % x = 0.213
 Leistungsaufnahme gemessen 153.0 Watt y = 0.167
 Lux 4'600 lx z = 0.620



Modul: Giesemann Auora T5 2 x 24W Giesemann aquablue-coral;
T5 2 x 24W Giesemann Powerchrom super purple; LED 85 W
 Raumtemperatur: 19 Grad Celsius Raum: Abgedunkelt
 Messinstrument: kalibriertes Spektrometer Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
 Abstand von Sensor bis uk Modul: 60 cm Leistungsangabe Hersteller: 181 Watt

H = 60 cm

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	30.5	34.0	38.0	42.5	46.0	48.5	51.0	51.5	51.0	48.5	46.0	42.5	38.0	34.0	30.5
24	33.5	38.0	42.0	47.0	52.0	55.5	57.5	58.5	57.5	55.5	52.0	47.0	42.0	38.0	33.5
18	36.5	42.0	47.5	52.5	58.5	62.5	65.5	66.5	65.5	62.5	58.5	52.5	47.5	42.0	36.5
12	41.0	47.0	53.0	60.0	66.0	71.0	74.5	76.0	74.5	71.0	66.0	60.0	53.0	47.0	41.0
6	42.0	48.5	55.5	62.5	69.0	74.5	78.0	79.0	78.0	74.5	69.0	62.5	55.5	48.5	42.0
0	41.5	47.5	54.5	61.5	68.0	73.0	76.5	78.0	76.5	73.0	68.0	61.5	54.5	47.5	41.5
6	42.0	48.5	55.5	62.5	69.0	74.5	78.0	79.0	78.0	74.5	69.0	62.5	55.5	48.5	42.0
12	41.0	47.0	53.0	60.0	66.0	71.0	74.5	76.0	74.5	71.0	66.0	60.0	53.0	47.0	41.0
18	36.5	42.0	47.5	52.5	58.5	62.5	65.5	66.5	65.5	62.5	58.5	52.5	47.5	42.0	36.5
24	33.5	38.0	42.0	47.0	52.0	55.5	57.5	58.5	57.5	55.5	52.0	47.0	42.0	38.0	33.5
30	30.5	34.0	38.0	42.5	46.0	48.5	51.0	51.5	51.0	48.5	46.0	42.5	38.0	34.0	30.5

632.50
 709.50 482.50
 796.50 544.50
 901.00 619.00
 939.00 647.00
 923.00 636.00
 939.00 647.00
 901.00 619.00
 796.50 544.50
 709.50 482.50
 632.50

Summe 8'880.00 5'222.00
PAR pro Watt 58.04 34.13
PAR im Mittel 53.82 64.47

Beleuchtungsstärke 100 % x = 0.214
 Leistungsaufnahme gemessen 153.0 Watt y = 0.168
 Lux 2'920 lx z = 0.619

