

Aqua Illumination Hydra TwentySix HD

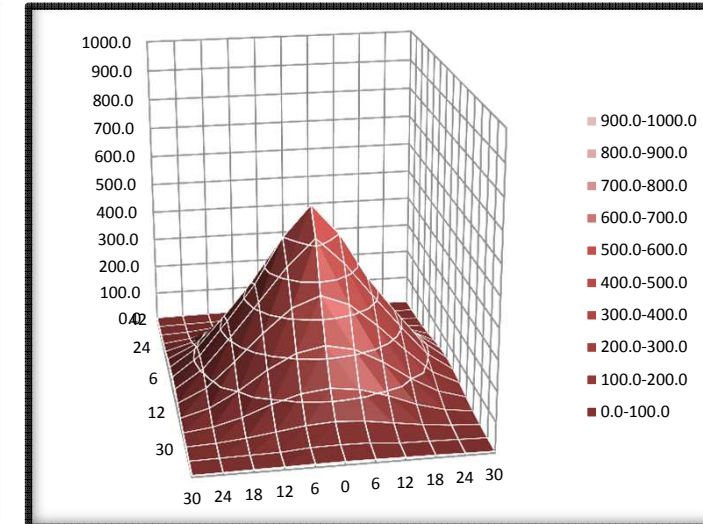
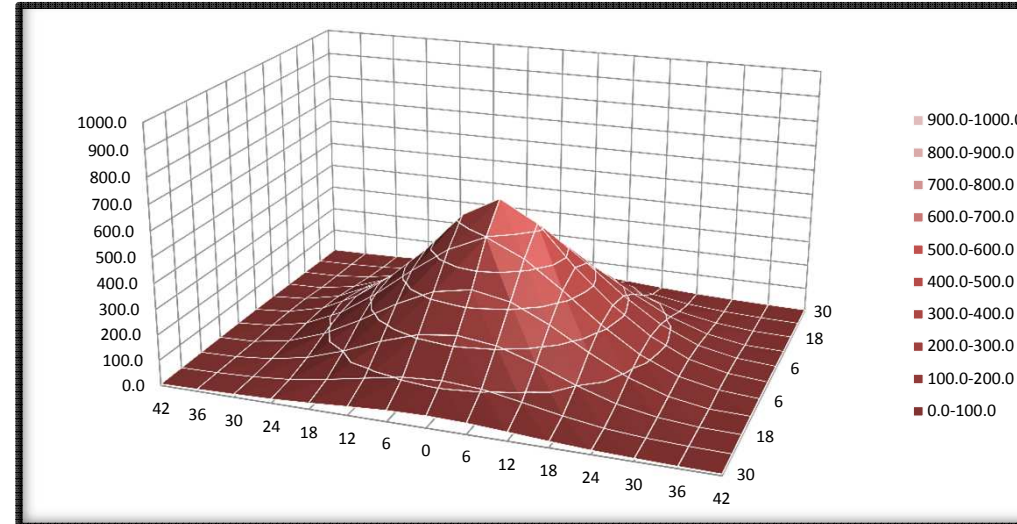
Alle Kanäle auf 100%

H = 30cm

Modul: Aqua Illumination Hydra TwentySix HD
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: 90 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	5.5	7.5	11.0	15.5	23.5	33.5	42.5	46.0	42.5	33.5	23.5	15.5	11.0	7.5	5.5	324.00	
24	6.5	9.5	15.5	27.5	50.5	78.5	105.5	115.0	105.5	78.5	50.5	27.5	15.5	9.5	6.5	702.00	639.00
18	8.0	11.5	25.0	52.5	101.0	161.0	209.0	227.5	209.0	161.0	101.0	52.5	25.0	11.5	8.0	1'363.50	1'274.50
12	9.0	13.0	38.0	89.0	164.5	250.5	319.5	347.0	319.5	250.5	164.5	89.0	38.0	13.0	9.0	2'114.00	1'994.00
6	10.0	21.0	51.5	117.0	213.5	328.0	432.0	499.0	432.0	328.0	213.5	117.0	51.5	21.0	10.0	2'845.00	2'680.00
0	10.5	22.5	57.5	128.5	232.5	363.5	520.5	601.0	520.5	363.5	232.5	128.5	57.5	22.5	10.5	3'272.00	3'091.00
6	10.0	21.0	51.5	117.0	213.5	328.0	432.0	499.0	432.0	328.0	213.5	117.0	51.5	21.0	10.0	2'845.00	2'680.00
12	9.0	13.0	38.0	89.0	164.5	250.5	319.5	347.0	319.5	250.5	164.5	89.0	38.0	13.0	9.0	2'114.00	1'994.00
18	8.0	11.5	25.0	52.5	101.0	161.0	209.0	227.5	209.0	161.0	101.0	52.5	25.0	11.5	8.0	1'363.50	1'274.50
24	6.5	9.5	15.5	27.5	50.5	78.5	105.5	115.0	105.5	78.5	50.5	27.5	15.5	9.5	6.5	702.00	639.00
30	5.5	7.5	11.0	15.5	23.5	33.5	42.5	46.0	42.5	33.5	23.5	15.5	11.0	7.5	5.5	324.00	

Beleuchtungsstärke 100 % x = 0.190 Summe 17'969.00 16'266.00
 Leistungsaufnahme gemessen 89.0 Watt y = 0.158 **PAR pro Watt 201.90 182.76**
 Lux 19'170 lx z = 0.652 **PAR im Mittel 108.90 200.81**

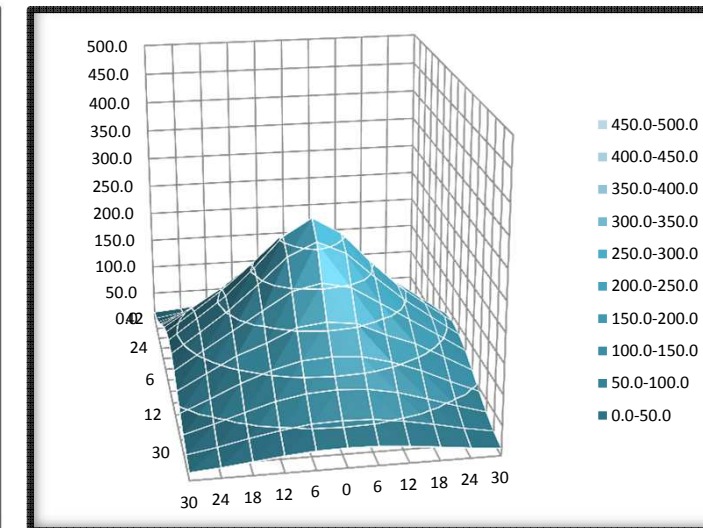
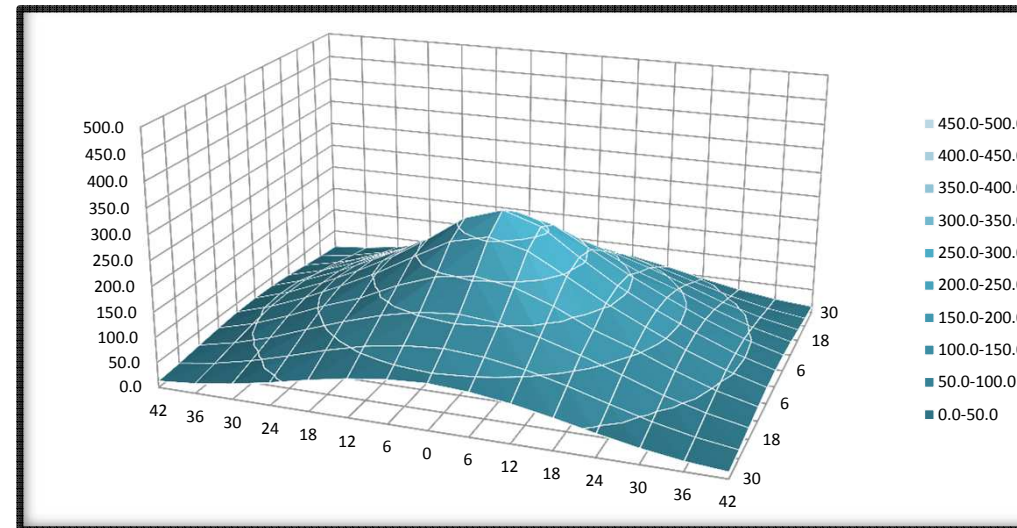


H = 45cm

Modul: Aqua Illumination Hydra TwentySix HD
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: 90 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	12.5	19.0	30.0	44.5	61.0	75.5	85.5	90.0	85.5	75.5	61.0	44.5	30.0	19.0	12.5	746.00	
24	16.5	27.5	44.0	65.0	87.5	106.5	119.0	124.5	119.0	106.5	87.5	65.0	44.0	27.5	16.5	1'056.50	880.50
18	22.0	38.0	59.5	87.0	113.5	136.5	153.5	160.0	153.5	136.5	113.5	87.0	59.5	38.0	22.0	1'380.00	1'141.00
12	27.5	47.0	74.0	105.0	131.5	167.0	194.0	205.5	194.0	167.0	131.5	105.0	74.0	47.0	27.5	1'697.50	1'400.50
6	31.5	54.0	83.0	117.5	154.0	196.5	237.5	255.5	237.5	196.5	154.0	117.5	83.0	54.0	31.5	2'003.50	1'666.50
0	32.5	55.5	86.0	121.0	160.0	207.5	259.5	284.0	259.5	207.5	160.0	121.0	86.0	55.5	32.5	2'128.00	1'780.00
6	31.5	54.0	83.0	117.5	154.0	196.5	237.5	255.5	237.5	196.5	154.0	117.5	83.0	54.0	31.5	2'003.50	1'666.50
12	27.5	47.0	74.0	105.0	131.5	167.0	194.0	205.5	194.0	167.0	131.5	105.0	74.0	47.0	27.5	1'697.50	1'400.50
18	22.0	38.0	59.5	87.0	113.5	136.5	153.5	160.0	153.5	136.5	113.5	87.0	59.5	38.0	22.0	1'380.00	1'141.00
24	16.5	27.5	44.0	65.0	87.5	106.5	119.0	124.5	119.0	106.5	87.5	65.0	44.0	27.5	16.5	1'056.50	880.50
30	12.5	19.0	30.0	44.5	61.0	75.5	85.5	90.0	85.5	75.5	61.0	44.5	30.0	19.0	12.5	746.00	

Beleuchtungsstärke 100 % x = 0.190 Summe 15'895.00 11'957.00
 Leistungsaufnahme gemessen 89.0 Watt y = 0.158 **PAR pro Watt 178.60 134.35**
 Lux 8'970 lx z = 0.652 **PAR im Mittel 96.33 147.62**



H = 60 cm

Modul: Aqua Illumination Hydra TwentySix HD
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: 90 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42		
30	24.5	33.5	43.0	53.0	62.0	69.0	73.5	77.5	73.5	69.0	62.0	53.0	43.0	33.5	24.5	794.50	
24	31.0	41.5	53.0	63.5	74.0	82.5	89.0	92.0	89.0	82.5	74.0	63.5	53.0	41.5	31.0	961.00	710.00
18	37.0	49.0	60.5	72.5	86.0	98.5	107.0	111.0	107.0	98.5	86.0	72.5	60.5	49.0	37.0	1'132.00	839.00
12	41.5	54.5	68.0	82.5	98.5	115.5	126.0	132.5	126.0	115.5	98.5	82.5	68.0	54.5	41.5	1'305.50	977.50
6	44.5	58.0	71.5	88.0	107.0	127.5	146.5	158.0	146.5	127.5	107.0	88.0	71.5	58.0	44.5	1'444.00	1'096.00
0	45.5	59.5	73.5	90.5	110.5	133.5	154.5	168.0	154.5	133.5	110.5	90.5	73.5	59.5	45.5	1'503.00	1'146.00
6	44.5	58.0	71.5	88.0	107.0	127.5	146.5	158.0	146.5	127.5	107.0	88.0	71.5	58.0	44.5	1'444.00	1'096.00
12	41.5	54.5	68.0	82.5	98.5	115.5	126.0	132.5	126.0	115.5	98.5	82.5	68.0	54.5	41.5	1'305.50	977.50
18	37.0	49.0	60.5	72.5	86.0	98.5	107.0	111.0	107.0	98.5	86.0	72.5	60.5	49.0	37.0	1'132.00	839.00
24	31.0	41.5	53.0	63.5	74.0	82.5	89.0	92.0	89.0	82.5	74.0	63.5	53.0	41.5	31.0	961.00	710.00
30	24.5	33.5	43.0	53.0	62.0	69.0	73.5	77.5	73.5	69.0	62.0	53.0	43.0	33.5	24.5	794.50	

Beleuchtungsstärke 100 % x = 0.187 Summe 12'777.00 8'391.00
 Leistungsaufnahme gemessen 89.0 Watt y = 0.156 **PAR pro Watt 143.56 94.28**
 Lux 5'230 lx z = 0.657 **PAR im Mittel 77.44 103.59**

