

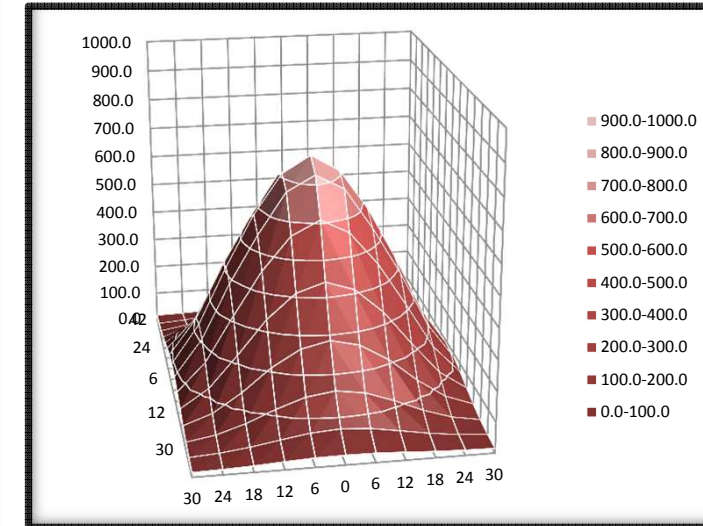
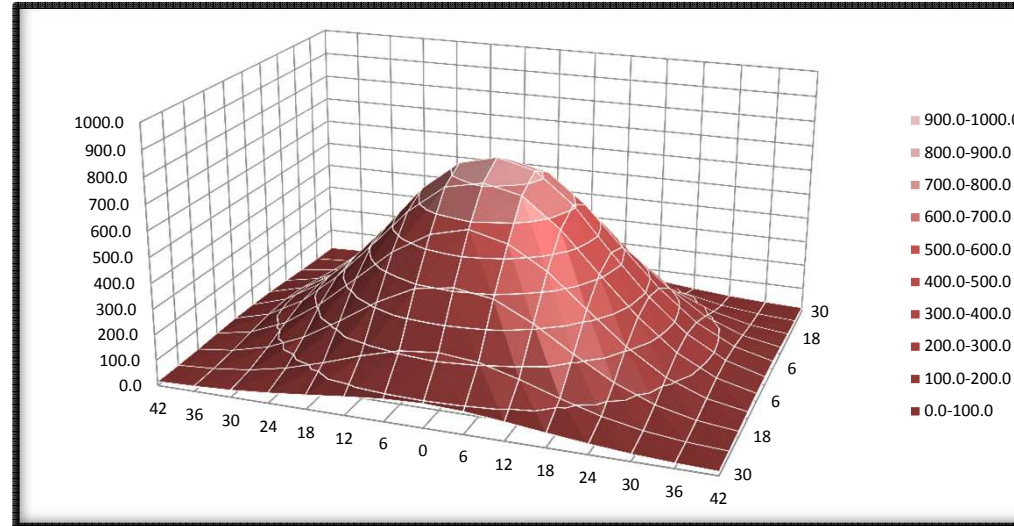
Aquillumination Hydra FiftyTwo

Modul: Aquillumination Hydra FiftyTwo
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: 135 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	15.0	19.5	27.0	39.5	55.0	72.0	86.5	92.5	86.5	72.0	55.0	39.5	27.0	19.5	15.0
24	17.0	26.0	43.0	73.0	116.5	166.0	207.5	222.5	207.5	166.0	116.5	73.0	43.0	26.0	17.0
18	20.5	37.5	73.0	134.5	220.5	315.0	388.0	410.5	388.0	315.0	220.5	134.5	73.0	37.5	20.5
12	26.0	53.5	112.5	210.0	331.5	456.5	542.5	579.5	542.5	456.5	331.5	210.0	112.5	53.5	26.0
6	30.5	68.5	145.5	264.5	411.0	564.0	677.0	708.5	677.0	564.0	411.0	264.5	145.5	68.5	30.5
0	31.5	75.0	159.0	286.0	441.5	610.0	726.0	763.0	726.0	610.0	441.5	286.0	159.0	75.0	31.5
6	30.5	68.5	145.5	264.5	411.0	564.0	677.0	708.5	677.0	564.0	411.0	264.5	145.5	68.5	30.5
12	26.0	53.5	112.5	210.0	331.5	456.5	542.5	579.5	542.5	456.5	331.5	210.0	112.5	53.5	26.0
18	20.5	37.5	73.0	134.5	220.5	315.0	388.0	410.5	388.0	315.0	220.5	134.5	73.0	37.5	20.5
24	17.0	26.0	43.0	73.0	116.5	166.0	207.5	222.5	207.5	166.0	116.5	73.0	43.0	26.0	17.0
30	15.0	19.5	27.0	39.5	55.0	72.0	86.5	92.5	86.5	72.0	55.0	39.5	27.0	19.5	15.0

Beleuchtungsstärke 100 % x = 0.217 Summe 33'632.00 29'642.50
 Leistungsaufnahme gemessen 126.5 Watt y = 0.171 **PAR pro Watt 265.87 234.33**
 Lux 26'900 lx z = 0.612 **PAR im Mittel 203.83 358.57**

H = 30cm

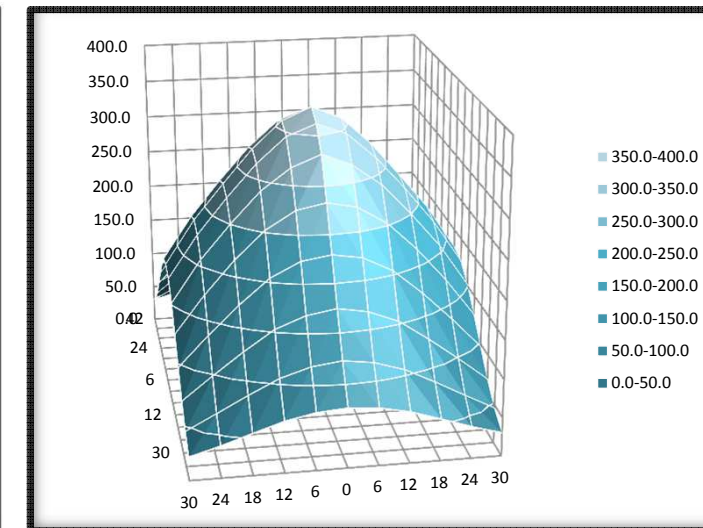
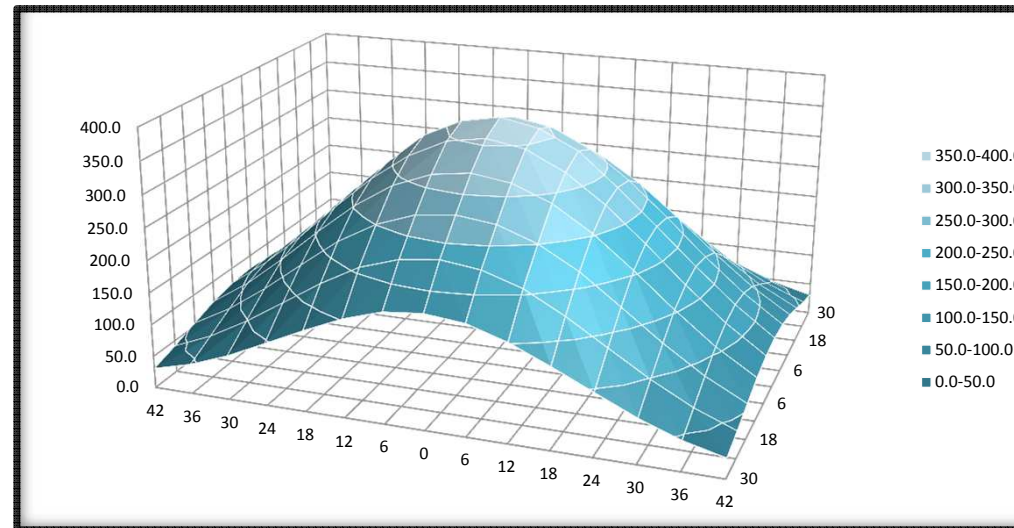


Modul: Aquillumination Hydra FiftyTwo
Raumtemperatur: 19 Grad Celsius
Messinstrument: kalibriertes Spektrometer
Abstand von Sensor bis uk Modul: 45 cm
Raum: Abgedunkelt
Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
Leistungsangabe Hersteller: 135 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	30.5	46.0	68.5	96.5	125.0	151.5	170.5	176.5	170.5	151.5	125.0	96.5	68.5	46.0	30.5
24	41.5	66.0	98.5	136.0	174.0	206.5	226.0	233.5	226.0	206.5	174.0	136.0	98.5	66.0	41.5
18	54.5	86.5	127.0	172.5	217.0	250.5	272.0	279.0	272.0	250.5	217.0	172.5	127.0	86.5	54.5
12	67.0	105.5	153.0	204.5	252.5	290.5	314.0	322.5	314.0	290.5	252.5	204.5	153.0	105.5	67.0
6	75.0	117.5	168.0	223.5	275.5	318.0	347.0	357.0	347.0	318.0	275.5	223.5	168.0	117.5	75.0
0	78.0	122.5	174.5	229.5	283.0	333.0	361.5	373.0	361.5	333.0	283.0	229.5	174.5	122.5	78.0
6	75.0	117.5	168.0	223.5	275.5	318.0	347.0	357.0	347.0	318.0	275.5	223.5	168.0	117.5	75.0
12	67.0	105.5	153.0	204.5	252.5	290.5	314.0	322.5	314.0	290.5	252.5	204.5	153.0	105.5	67.0
18	54.5	86.5	127.0	172.5	217.0	250.5	272.0	279.0	272.0	250.5	217.0	172.5	127.0	86.5	54.5
24	41.5	66.0	98.5	136.0	174.0	206.5	226.0	233.5	226.0	206.5	174.0	136.0	98.5	66.0	41.5
30	30.5	46.0	68.5	96.5	125.0	151.5	170.5	176.5	170.5	151.5	125.0	96.5	68.5	46.0	30.5

Beleuchtungsstärke 100 % x = 0.217 Summe 29'188.00 21'954.50
 Leistungsaufnahme gemessen 126.5 Watt y = 0.169 **PAR pro Watt 230.74 173.55**
 Lux 12'900 lx z = 0.615 **PAR im Mittel 176.90 255.44**

H = 45cm



Modul: Aquillumination Hydra FiftyTwo
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: 135 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	54.5	71.0	89.5	107.5	122.5	133.5	140.0	142.5	140.0	133.5	122.5	107.5	89.5	71.0	54.5
24	66.0	85.5	105.5	124.0	139.0	150.5	157.0	160.5	157.0	150.5	139.0	124.0	105.5	85.5	66.0
18	77.0	98.0	119.0	138.0	154.5	167.0	175.0	178.0	175.0	167.0	154.5	138.0	119.0	98.0	77.0
12	84.5	106.5	129.0	149.5	167.0	181.0	190.0	193.5	190.0	181.0	167.0	149.5	129.0	106.5	84.5
6	89.0	112.0	134.5	155.5	174.5	190.5	202.0	206.5	202.0	190.5	174.5	155.5	134.5	112.0	89.0
0	91.0	114.5	137.5	157.5	176.5	194.0	206.5	211.0	206.5	194.0	176.5	157.5	137.5	114.5	91.0
6	89.0	112.0	134.5	155.5	174.5	190.5	202.0	206.5	202.0	190.5	174.5	155.5	134.5	112.0	89.0
12	84.5	106.5	129.0	149.5	167.0	181.0	190.0	193.5	190.0	181.0	167.0	149.5	129.0	106.5	84.5
18	77.0	98.0	119.0	138.0	154.5	167.0	175.0	178.0	175.0	167.0	154.5	138.0	119.0	98.0	77.0
24	66.0	85.5	105.5	124.0	139.0	150.5	157.0	160.5	157.0	150.5	139.0	124.0	105.5	85.5	66.0
30	54.5	71.0	89.5	107.5	122.5	133.5	140.0	142.5	140.0	133.5	122.5	107.5	89.5	71.0	54.5

Beleuchtungsstärke 100 % x = 0.216 Summe 22'288.00 14'766.50
 Leistungsaufnahme gemessen 126.5 Watt y = 0.166 **PAR pro Watt 176.19 116.73**
 Lux 7'230 lx z = 0.619 **PAR im Mittel 135.08 168.11**

H = 60 cm

