

Orphek LED Atlantik V3

H = 30cm

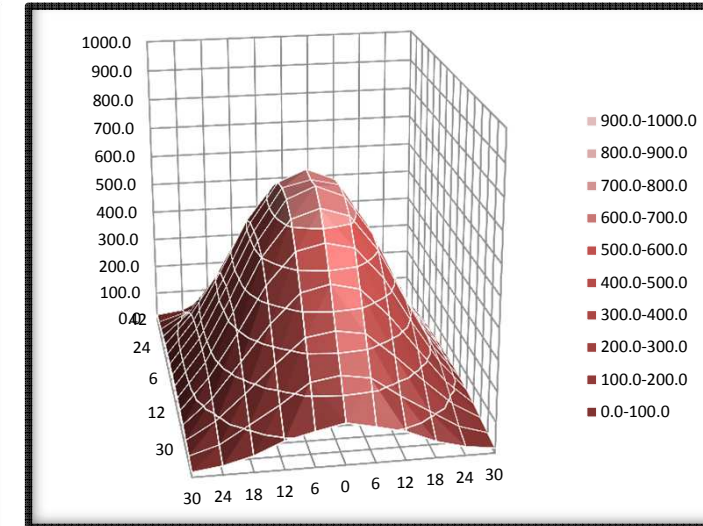
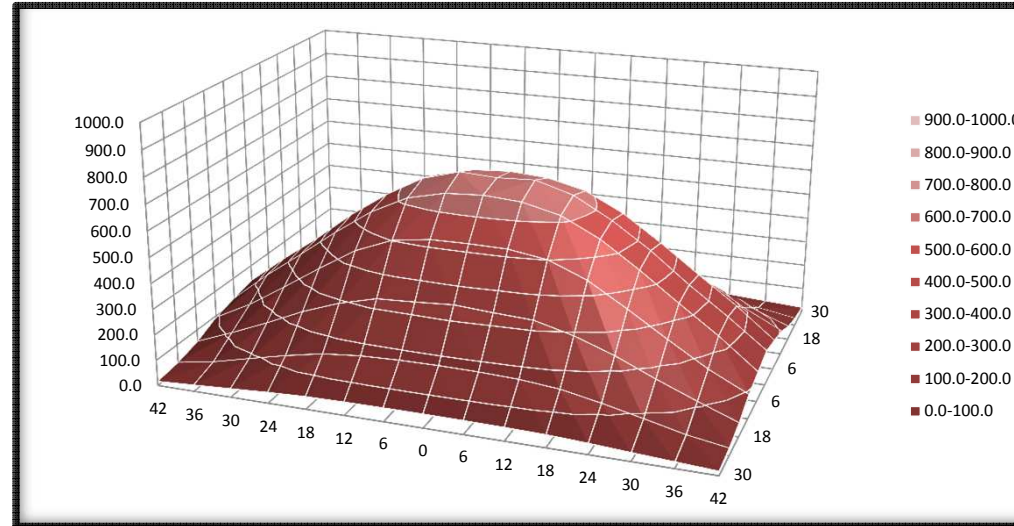
Modul: Orphek LED Atlantik V3
 Raumtemperatur: 19 Grad Celsius
 Messinstrument: kalibriertes Spektrometer
 Abstand von Sensor bis uk Modul: 30 cm
 Raum: Abgedunkelt
 Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
 Leistungsangabe Hersteller: 180 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	16.0	24.5	33.0	42.0	49.0	51.5	53.0	53.5	53.0	51.5	49.0	42.0	33.0	24.5	16.0
24	28.5	53.0	88.5	122.5	152.0	166.0	171.5	173.0	171.5	166.0	152.0	122.5	88.5	53.0	28.5
18	53.0	110.0	171.0	237.0	290.5	328.5	336.0	345.5	336.0	328.5	290.5	237.0	171.0	110.0	53.0
12	93.0	167.5	258.5	353.0	442.5	501.5	523.0	525.0	523.0	501.5	442.5	353.0	258.5	167.5	93.0
6	115.5	233.0	338.0	446.0	545.5	618.0	652.5	662.0	652.5	618.0	545.5	446.0	338.0	233.0	115.5
0	135.5	248.0	353.0	468.0	567.0	648.0	690.5	683.0	690.5	648.0	567.0	468.0	353.0	248.0	135.5
6	115.5	233.0	338.0	446.0	545.5	618.0	652.5	662.0	652.5	618.0	545.5	446.0	338.0	233.0	115.5
12	93.0	167.5	258.5	353.0	442.5	501.5	523.0	525.0	523.0	501.5	442.5	353.0	258.5	167.5	93.0
18	53.0	110.0	171.0	237.0	290.5	328.5	336.0	345.5	336.0	328.5	290.5	237.0	171.0	110.0	53.0
24	28.5	53.0	88.5	122.5	152.0	166.0	171.5	173.0	171.5	166.0	152.0	122.5	88.5	53.0	28.5
30	16.0	24.5	33.0	42.0	49.0	51.5	53.0	53.5	53.0	51.5	49.0	42.0	33.0	24.5	16.0

591.50
 1'737.00
 3'397.50
 5'203.00
 6'559.00
 6'903.00
 6'559.00
 5'203.00
 3'397.50
 1'737.00
 591.50

Beleuchtungsstärke 100 %
 Leistungsaufnahme gemessen 180.0 Watt
 Lux 17'875 lx

x = 0.187
 y = 0.116
 z = 0.697
 Summe 41'879.00 32'385.00
PAR pro Watt 232.66 179.92
PAR im Mittel 253.81 399.81



H = 45cm

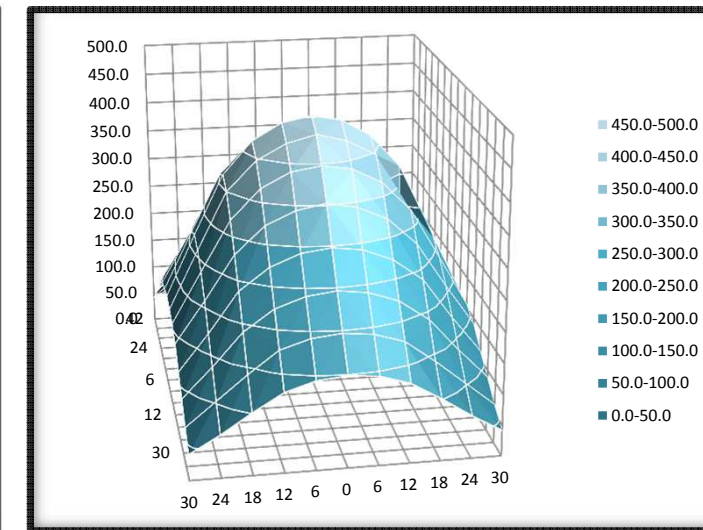
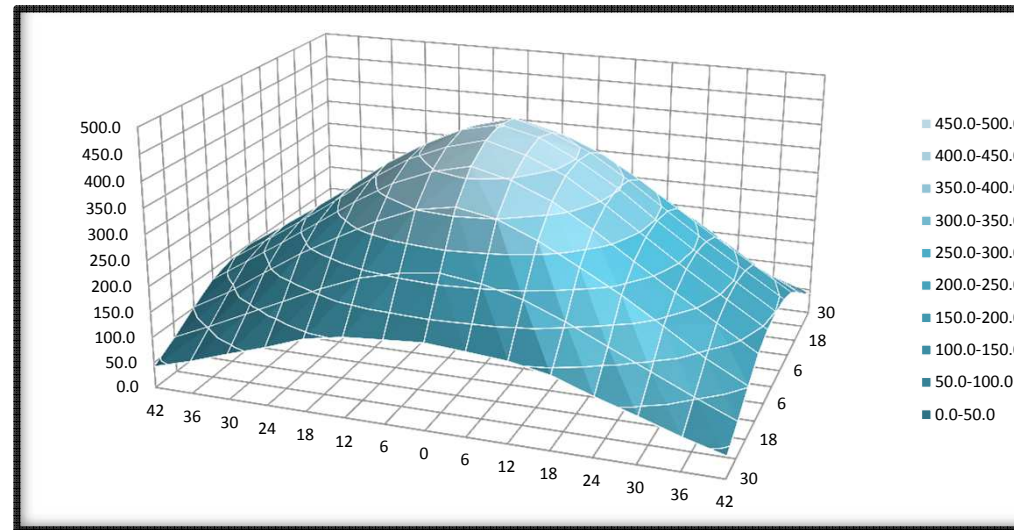
Modul: Orphek LED Atlantik V3
 Raumtemperatur: 19 Grad Celsius
 Messinstrument: kalibriertes Spektrometer
 Abstand von Sensor bis uk Modul: 45 cm
 Raum: Abgedunkelt
 Einheit: PAR in $\mu\text{mol}/\text{m}^2/\text{sec}$
 Leistungsangabe Hersteller: 180 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	42.0	63.5	89.0	113.0	140.5	155.0	161.0	166.5	161.0	155.0	140.5	113.0	89.0	63.5	42.0
24	69.5	102.5	137.5	172.5	207.5	238.0	257.0	267.0	257.0	238.0	207.5	172.5	137.5	102.5	69.5
18	101.0	141.5	190.5	238.0	279.5	319.0	350.0	363.5	350.0	319.0	279.5	238.0	190.5	141.5	101.0
12	129.5	177.0	224.0	273.0	323.0	367.0	397.5	416.0	397.5	367.0	323.0	273.0	224.0	177.0	129.5
6	144.5	192.0	240.5	292.0	344.0	391.0	422.5	443.0	422.5	391.0	344.0	292.0	240.5	192.0	144.5
0	149.0	197.0	246.5	298.0	353.0	398.0	434.5	452.0	434.5	398.0	353.0	298.0	246.5	197.0	149.0
6	144.5	192.0	240.5	292.0	344.0	391.0	422.5	443.0	422.5	391.0	344.0	292.0	240.5	192.0	144.5
12	129.5	177.0	224.0	273.0	323.0	367.0	397.5	416.0	397.5	367.0	323.0	273.0	224.0	177.0	129.5
18	101.0	141.5	190.5	238.0	279.5	319.0	350.0	363.5	350.0	319.0	279.5	238.0	190.5	141.5	101.0
24	69.5	102.5	137.5	172.5	207.5	238.0	257.0	267.0	257.0	238.0	207.5	172.5	137.5	102.5	69.5
30	42.0	63.5	89.0	113.0	140.5	155.0	161.0	166.5	161.0	155.0	140.5	113.0	89.0	63.5	42.0

1'694.50
 2'636.00
 3'602.50
 4'198.00
 4'496.00
 4'604.00
 4'496.00
 4'198.00
 2'972.50
 2'636.00
 1'694.50

Beleuchtungsstärke 100 %
 Leistungsaufnahme gemessen 180.0 Watt
 Lux 11'870 lx

x = 0.189
 y = 0.116
 z = 0.695
 Summe 37'228.00 25'254.00
PAR pro Watt 206.82 140.30
PAR im Mittel 225.62 311.78



H = 60 cm

Modul: Orphek LED Atlantik V3
 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: 180 Watt

cm/cm	42	36	30	24	18	12	6	0	6	12	18	24	30	36	42
30	71.0	92.0	116.0	140.5	164.0	182.5	197.5	204.0	197.5	182.5	164.0	140.5	116.0	92.0	71.0
24	94.5	121.0	148.5	173.5	198.0	220.5	238.0	243.5	238.0	220.5	198.0	173.5	148.5	121.0	94.5
18	114.0	140.5	165.5	193.5	221.5	243.0	258.0	262.5	258.0	243.0	221.5	193.5	165.5	140.5	114.0
12	124.0	150.5	179.0	207.5	235.0	255.5	271.0	271.0	271.0	255.5	235.0	207.5	179.0	150.5	124.0
6	131.0	157.5	187.0	216.5	241.5	262.5	276.5	282.0	276.5	262.5	241.5	216.5	187.0	157.5	131.0
0	133.0	158.5	188.5	219.5	245.0	266.0	279.5	285.0	279.5	266.0	245.0	219.5	188.5	158.5	133.0
6	131.0	157.5	187.0	216.5	241.5	262.5	276.5	282.0	276.5	262.5	241.5	216.5	187.0	157.5	131.0
12	124.0	150.5	179.0	207.5	235.0	255.5	271.0	271.0	271.0	255.5	235.0	207.5	179.0	150.5	124.0
18	114.0	140.5	165.5	193.5	221.5	243.0	258.0	262.5	258.0	243.0	221.5	193.5	165.5	140.5	114.0
24	94.5	121.0	148.5	173.5	198.0	220.5	238.0	243.5	238.0	220.5	198.0	173.5	148.5	121.0	94.5
30	71.0	92.0	116.0	140.5	164.0	182.5	197.5	204.0	197.5	182.5	164.0	140.5	116.0	92.0	71.0

2'131.00
 2'631.50
 2'934.50
 3'116.00
 3'227.00
 3'265.00
 3'227.00
 3'116.00
 2'934.50
 2'631.50
 2'131.00

Beleuchtungsstärke 100 %
 Leistungsaufnahme gemessen 180.0 Watt
 Lux 7'370 lx

x = 0.188
 y = 0.114
 z = 0.698
 Summe 31'345.00 19'271.00
PAR pro Watt 174.14 107.06
PAR im Mittel 189.97 237.91

