

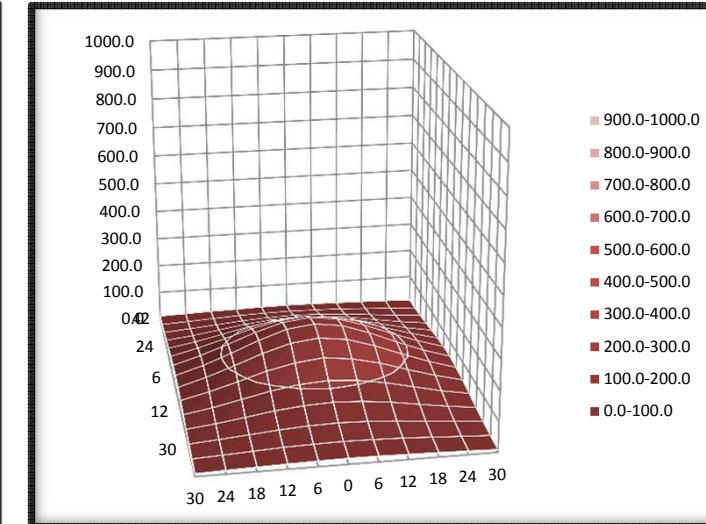
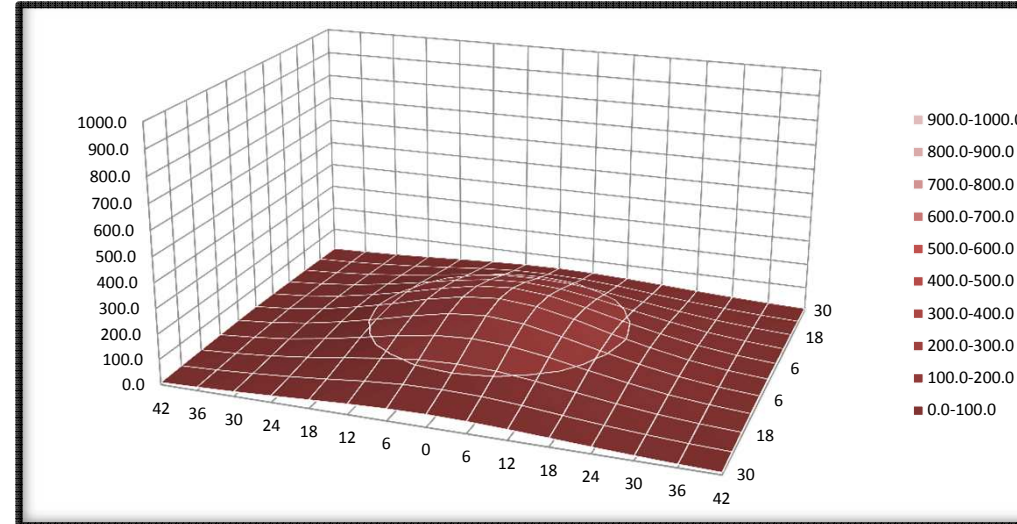
Kessil A360 W

H = 30cm

Modul: Kessil A360 W
 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	8.5	12.5	18.0	25.0	33.0	40.5	46.0	48.5	46.0	40.5	33.0	25.0	18.0	12.5	8.5	415.50	
24	11.5	17.0	25.5	36.0	49.0	63.5	74.0	77.0	74.0	63.5	49.0	36.0	25.5	17.0	11.5	630.00	522.00
18	14.0	22.0	33.5	50.0	70.0	90.5	107.0	112.5	107.0	90.5	70.0	50.0	33.5	22.0	14.0	886.50	747.50
12	16.0	27.0	42.0	64.5	91.0	120.0	142.5	151.0	142.5	120.0	91.0	64.5	42.0	27.0	16.0	1'157.00	987.00
6	18.0	29.5	48.0	74.5	106.0	141.0	171.0	183.0	171.0	141.0	106.0	74.5	48.0	29.5	18.0	1'359.00	1'168.00
0	19.0	31.0	50.5	79.0	112.5	152.0	182.5	195.0	182.5	152.0	112.5	79.0	50.5	31.0	19.0	1'448.00	1'247.00
6	18.0	29.5	48.0	74.5	106.0	141.0	171.0	183.0	171.0	141.0	106.0	74.5	48.0	29.5	18.0	1'359.00	1'168.00
12	16.0	27.0	42.0	64.5	91.0	120.0	142.5	151.0	142.5	120.0	91.0	64.5	42.0	27.0	16.0	1'157.00	987.00
18	14.0	22.0	33.5	50.0	70.0	90.5	107.0	112.5	107.0	90.5	70.0	50.0	33.5	22.0	14.0	886.50	747.50
24	11.5	17.0	25.5	36.0	49.0	63.5	74.0	77.0	74.0	63.5	49.0	36.0	25.5	17.0	11.5	630.00	522.00
30	8.5	12.5	18.0	25.0	33.0	40.5	46.0	48.5	46.0	40.5	33.0	25.0	18.0	12.5	8.5	415.50	

Beleuchtungsstärke 100 % x = 0.219 Summe 10'344.00 8'096.00
 Leistungsaufnahme gemessen 71.6 Watt y = 0.213 **PAR pro Watt 144.47 113.07**
 Lux 8'670 lx z = 0.568 **PAR im Mittel 62.69 99.95**

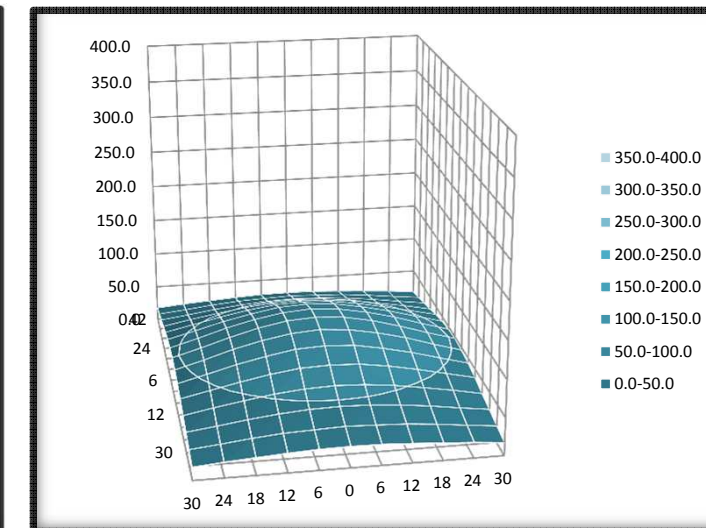
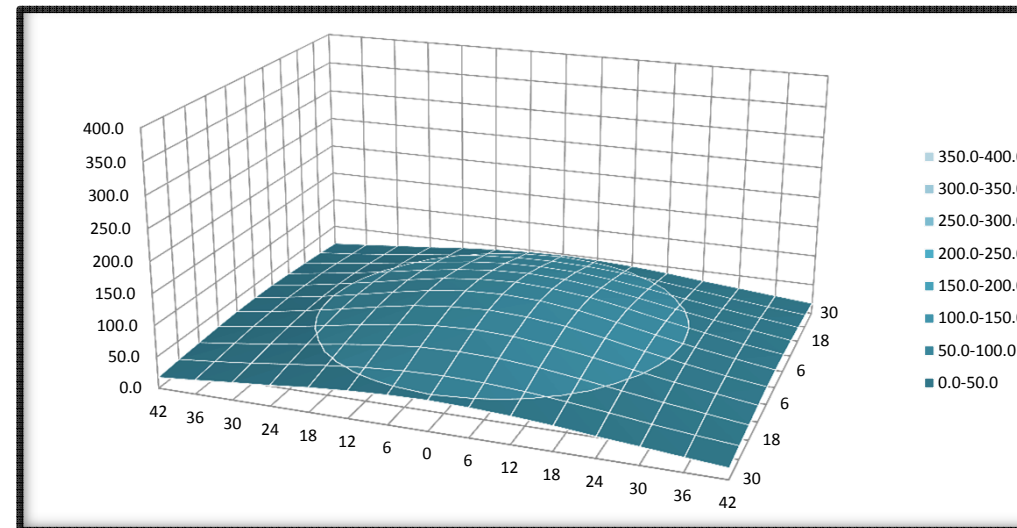


H = 45cm

Modul: Kessil A360 W
 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	17.0	22.0	27.5	32.5	38.5	43.0	46.0	47.5	46.0	43.0	38.5	32.5	27.5	22.0	17.0	500.50	
24	20.5	26.0	32.5	40.0	47.0	53.0	57.0	58.5	57.0	53.0	47.0	40.0	32.5	26.0	20.5	610.50	452.50
18	23.0	30.5	38.0	46.5	55.5	63.5	69.0	70.5	69.0	63.5	55.5	46.5	38.0	30.5	23.0	722.50	539.50
12	25.5	34.0	42.5	52.5	63.0	72.0	78.5	81.0	78.5	72.0	63.0	52.5	42.5	34.0	25.5	817.00	613.00
6	27.5	35.5	45.5	56.5	68.5	79.0	85.5	88.5	85.5	79.0	68.5	56.5	45.5	35.5	27.5	884.50	667.50
0	28.0	37.0	46.5	58.0	70.0	81.0	88.5	91.0	88.5	81.0	70.0	58.0	46.5	37.0	28.0	909.00	686.00
6	27.5	35.5	45.5	56.5	68.5	79.0	85.5	88.5	85.5	79.0	68.5	56.5	45.5	35.5	27.5	884.50	667.50
12	25.5	34.0	42.5	52.5	63.0	72.0	78.5	81.0	78.5	72.0	63.0	52.5	42.5	34.0	25.5	817.00	613.00
18	23.0	30.5	38.0	46.5	55.5	63.5	69.0	70.5	69.0	63.5	55.5	46.5	38.0	30.5	23.0	722.50	539.50
24	20.5	26.0	32.5	40.0	47.0	53.0	57.0	58.5	57.0	53.0	47.0	40.0	32.5	26.0	20.5	610.50	452.50
30	17.0	22.0	27.5	32.5	38.5	43.0	46.0	47.5	46.0	43.0	38.5	32.5	27.5	22.0	17.0	500.50	

Beleuchtungsstärke 100 % x = 0.219 Summe 7'979.00 5'231.00
 Leistungsaufnahme gemessen 71.6 Watt y = 0.213 **PAR pro Watt 111.44 73.06**
 Lux 4'010 lx z = 0.568 **PAR im Mittel 48.36 64.58**



H = 60 cm

Modul: Kessil A360 W
 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	21.0	24.0	27.5	30.5	33.5	36.0	37.5	38.0	37.5	36.0	33.5	30.5	27.5	24.0	21.0	458.00	
24	23.5	27.0	30.0	33.5	37.5	40.5	42.5	43.0	42.5	40.5	37.5	33.5	30.0	27.0	23.5	512.00	351.00
18	26.0	29.0	33.0	37.0	41.0	44.5	46.5	47.5	46.5	44.5	41.0	37.0	33.0	29.0	26.0	561.50	385.50
12	26.5	30.5	35.0	40.0	44.0	47.5	50.0	50.5	50.0	47.5	44.0	40.0	35.0	30.5	26.5	597.50	413.50
6	27.5	31.5	36.0	41.0	46.0	49.5	52.0	52.5	52.0	49.5	46.0	41.0	36.0	31.5	27.5	619.50	429.50
0	28.0	32.0	36.5	41.5	47.5	50.5	53.0	54.0	53.0	50.5	47.5	41.5	36.5	32.0	28.0	632.00	439.00
6	27.5	31.5	36.0	41.0	46.0	49.5	52.0	52.5	52.0	49.5	46.0	41.0	36.0	31.5	27.5	619.50	429.50
12	26.5	30.5	35.0	40.0	44.0	47.5	50.0	50.5	50.0	47.5	44.0	40.0	35.0	30.5	26.5	597.50	413.50
18	26.0	29.0	33.0	37.0	41.0	44.5	46.5	47.5	46.5	44.5	41.0	37.0	33.0	29.0	26.0	561.50	385.50
24	23.5	27.0	30.0	33.5	37.5	40.5	42.5	43.0	42.5	40.5	37.5	33.5	30.0	27.0	23.5	512.00	351.00
30	21.0	24.0	27.5	30.5	33.5	36.0	37.5	38.0	37.5	36.0	33.5	30.5	27.5	24.0	21.0	458.00	

Beleuchtungsstärke 100 % x = 0.222 Summe 6'129.00 3'598.00
 Leistungsaufnahme gemessen 71.6 Watt y = 0.215 **PAR pro Watt 85.60 50.25**
 Lux 2'360 lx z = 0.563 **PAR im Mittel 37.15 44.42**

