

# Maxspect Recurve Programme

**SPS 10'000 Kelvin**  
 Leistungsaufnahme 80.0 - 84.2 Watt  
 Messinstrument Spektrometer & Flickermeter  
 Lighting Passport Pro Essence

**LPS 10'000 Kelvin**  
 Leistungsaufnahme 48.6 - 50.4 Watt  
 Messinstrument Spektrometer & Flickermeter  
 Lighting Passport Pro Essence

**Weichkorallen 10'000 Kelvin**  
 Leistungsaufnahme 20.3 - 20.6 Watt  
 Messinstrument Spektrometer & Flickermeter  
 Lighting Passport Pro Essence

**SPS/LPS 10'000 Kelvin**  
 Leistungsaufnahme 45.7 - 50.3 Watt  
 Messinstrument Spektrometer & Flickermeter  
 Lighting Passport Pro Essence

**Weichkorallen/LPS 10'000 Kelvin**  
 Leistungsaufnahme 32.1 - 35.5 Watt  
 Messinstrument Spektrometer & Flickermeter  
 Lighting Passport Pro Essence

**Nur Fische 10'000 Kelvin**  
 Leistungsaufnahme 20.3 - 20.6 Watt  
 Messinstrument Spektrometer & Flickermeter  
 Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	299.44 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	7.9438 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	74.176 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	113.78 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	111.48 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	1.3512 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (400~700 nm)	154.26 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	154.56 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD FR (701~780 nm)	0.0404 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	9.3688 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	60.601 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	84.296 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	0.2260 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.67
R/ FR	9.34
DLI	25.872 $\text{mol}/\text{m}^2$
Beleuchtungsstärk	17'587 lux
$\lambda_p$ (380~780 nm)	442 nm
$\lambda_D$ (380~780 nm)	448 nm
CCT	9'074 K
CRI	0

Parameter	Value
PPFD (400~700 nm)	174.30 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	0.8049 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	6.1822 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	15.789 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	152.35 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	0.8933 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (400~700 nm)	134.15 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	134.35 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD FR (701~780 nm)	0.0039 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	0.7753 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	8.6984 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	124.69 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	0.1462 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.04
R/ FR	7.68
DLI	15.060 $\text{mol}/\text{m}^2$
Beleuchtungsstärk	3'581 lux
$\lambda_p$ (380~780 nm)	447 nm
$\lambda_D$ (380~780 nm)	462 nm
CCT	0 K
CRI	0

Parameter	Value
PPFD (400~700 nm)	70.829 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	1.6604 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	16.532 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	25.806 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	28.488 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	0.2998 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (400~700 nm)	37.742 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	37.809 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD FR (701~780 nm)	0.0086 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	2.0899 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	13.765 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	21.889 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	0.0499 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.58
R/ FR	9.96
DLI	6.1196 $\text{mol}/\text{m}^2$
Beleuchtungsstärk	4'010 lux
$\lambda_p$ (380~780 nm)	443 nm
$\lambda_D$ (380~780 nm)	456 nm
CCT	12'510 K
CRI	0

Parameter	Value
PPFD (400~700 nm)	177.28 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	4.6966 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	44.971 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	68.096 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	64.210 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	0.6857 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (400~700 nm)	90.782 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	90.939 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD FR (701~780 nm)	0.0240 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	5.6794 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	36.249 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	48.858 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	0.1143 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.7
R/ FR	9.58
DLI	15.317 $\text{mol}/\text{m}^2$
Beleuchtungsstärk	10'543 lux
$\lambda_p$ (380~780 nm)	442 nm
$\lambda_D$ (380~780 nm)	441 nm
CCT	8'493 K
CRI	0

Parameter	Value
PPFD (400~700 nm)	123.22 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	3.1973 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	30.905 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	46.774 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	45.542 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	0.4665 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (400~700 nm)	63.622 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	63.729 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD FR (701~780 nm)	0.0163 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	3.9058 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	24.889 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	34.830 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	0.0772 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.68
R/ FR	9.67
DLI	10.646 $\text{mol}/\text{m}^2$
Beleuchtungsstärk	7'258 lux
$\lambda_p$ (380~780 nm)	442 nm
$\lambda_D$ (380~780 nm)	443 nm
CCT	9'034 K
CRI	0

Parameter	Value
PPFD (400~700 nm)	70.806 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	1.7284 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	16.583 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	25.800 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	28.421 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	0.3096 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (400~700 nm)	37.669 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	37.738 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD FR (701~780 nm)	0.0088 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	2.0954 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	13.760 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	21.815 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	0.0514 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.58
R/ FR	9.59
DLI	6.1176 $\text{mol}/\text{m}^2$
Beleuchtungsstärk	4'009 lux
$\lambda_p$ (380~780 nm)	443 nm
$\lambda_D$ (380~780 nm)	456 nm
CCT	12'407 K
CRI	

Parameter	Value
CCT	10'687 K
CRI(Ra)	80
CQS	69
TLCI(Qa)	50.3
GAI	118.7
Beleuchtungsstärke	17'204 lux
Foot Candle	1598.3 fc
$\lambda_p$	441 nm
Flicker Percentage	6.90%
Flicker Index	0.02
Flicker Frequency	33 Hz

Parameter	Value
CCT	10'643 K
CRI(Ra)	80
CQS	70
TLCI(Qa)	50.7
GAI	118.6
Beleuchtungsstärke	10'258 lux
Foot Candle	953.0 fc
$\lambda_p$	441 nm
Flicker Percentage	24.40%
Flicker Index	0.06
Flicker Frequency	33 Hz

Parameter	Value
CCT	16'190 K
CRI(Ra)	78
CQS	69
TLCI(Qa)	48.5
GAI	121.1
Beleuchtungsstärke	3'835 lux
Foot Candle	356.3 fc
$\lambda_p$	443 nm
Flicker Percentage	21.70%
Flicker Index	0.06
Flicker Frequency	25 Hz

Parameter	Value
CCT	10'622 K
CRI(Ra)	80
CQS	69
TLCI(Qa)	50.6
GAI	118.8
Beleuchtungsstärke	10'295 lux
Foot Candle	956.5 fc
$\lambda_p$	441 nm
Flicker Percentage	24.30%
Flicker Index	0.06
Flicker Frequency	33 Hz

Parameter	Value
CCT	11'683 K
CRI(Ra)	79
CQS	70
TLCI(Qa)	50.4
GAI	119.4
Beleuchtungsstärke	7'045 lux
Foot Candle	654.5 fc
$\lambda_p$	441 nm
Flicker Percentage	17.30%
Flicker Index	0.04
Flicker Frequency	25 Hz

Parameter	Value
CCT	16'460 K
CRI(Ra)	78
CQS	69
TLCI(Qa)	48
GAI	121
Beleuchtungsstärke	3'825 lux
Foot Candle	355.3 fc
$\lambda_p$	442 nm
Flicker Percentage	21.90%
Flicker Index	0.06
Flicker Frequency	25 Hz

