

## Electrical properties

		<b>FLEX II 10</b>	<b>FLEX II 20</b>	<b>FLEX II 25</b>
<b>typ. power consumption</b>	[W]	9,5	19	24
<b>input Voltage range</b>	[VDC]	44 VDCtyp. 48VDCmax		
<b>max. input current</b>	[A]	0,21@48VDC	0,42@48VDC	0,52@48VDC
<b>operating current</b>	[mA]	210	420	520

## Further properties

		<b>FLEX II 10</b>	<b>FLEX II 20</b>	<b>FLEX II 25</b>
<b>Weight</b>	[lbs]	0,602	1,085	1,482
<b>Length profile</b>	[inch]	21,54	39,17	52,95
<b>Width profile</b>	[mm]	33	33	33
<b>protection rating</b>		IP68**		
<b>ambient operating temp.</b>	[°C]	5 – 40		
<b>max. relative humidity</b>	[%]	99		
<b>Emission wavelength</b>	[nm]	400 – 780		
<b>PPF*</b>	[μmol/s]	25	50	62,5
<b>Module Efficacy</b>	[μmol/J]	> 2.6		
<b>Angle of radiation</b>	[°]	113 – 133		
<b>Warranty</b>	[years]	3		
<b>Light maintenance &gt;90%</b>	[h]	> 100.000		

\* in the emission wavelength range

\*\* Plug connection IP65

## Datasheet Accessories

Driver	25W	60W	150W	240W	320W
		Power supply 25W	Power supply 60W	Driver 150W	Driver 240W
<b>Item number</b>	AI2001	AI2002	AI2006	AI2007	AI2008
<b>max. rated Output Power</b> [W]	25	60	150	240	320
<b>Input Voltage Range</b> [VAC]	100 – 240				
<b>max. input current</b> [A]	0.6@115VAC 0.35@230VAC	1.5@115VAC 0.75@230VAC	1.4@115VAC 0.75@230VAC	2.2@120VAC 1.1@220VAC	2.9@120VAC 1.5@220VAC
<b>typ. max. inrush current</b> [A]	35@115VAC 65@230VAC	40@115VAC 80@230VAC	70		
<b>min. ambient operating temp.</b> [°C]	-30	-20	-40		
<b>max. ambient operating temp.</b> [°C]	70	50	90		
<b>max. relative humidity</b> [%]	90				
<b>min. Load</b> [W]	-	-	10W (FLEX II 10)		20W (FLEX II 20)

FLEX II TYP	min. FLEX II	FLEX II 10	FLEX II 20	FLEX II 25
<b>Driver</b>	-	#	#	#
<b>AI2001 - 25W</b>	FLEX II-10	2	1	1
<b>AI2002 - 60W</b>	FLEX II-10	6	3	2
<b>AI2006 - 150W</b>	FLEX II-10	15	7	5
<b>AI2007 - 240W</b>	FLEX II-10	22	11	9
<b>AI2008 - 320W</b>	FLEX II-20	30	14	12

## Light spectrum

