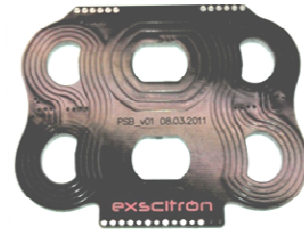


Reference-Design:**High integrated
4 channel RGB-W LED-Driver****Preliminary information! Product under development****Features:**

- Dedicated AC-Input, inrush free
- 92% efficiency nominal
- Power factor > 0,97
- 4-channel output (constant current)
- 4 Virtual DALI™ - Devices
- Dimmable (0-100%) within class C
- Single stage PFC – Resonant converter
- Convectional cooling
- Continuous protection against:
 - Over temperature
 - Short circuit
 - Overload
 - Overvoltage
- Second phase dimming circuit
- IP65 rated (indoor and outdoor use)
- 5 years warranty
- Dimensions approximately
L x W x H: 144 x 76 x 25 mm
- ENEC optional

Input				
Nominal power	48W	60W	90W	120W
Nominal voltage	230V AC			
Voltage range	207-253V 50 Hz ± 5%			
Inrush	None for >100µs I²t <0,05A²s			
Output: U1-U4				
Nominal voltage	41V DC		44V DC	
Voltage range	35-44V		40-48V	
Output power	max. 12W	max. 15W	max. 23W	max. 31W
Current (max.)	0mA...300mA	0mA...370mA	0mA...530mA	0mA...700mA
Ripple (20kHz-20MHz)	≤ 200mV			
Ripple (100Hz)	< 2Vpp (synchronous to mains frequency)			
Efficiency	91.0%	91.5%	92.0%	91.5%

subject to change without notice