


DATASHEET status Security status	LED light IP65 for battery powered application with widerange DC input for 12V...24V battery operation			 EMPO-NI off-grid solutions Wernigeroder Strasse 102 D-40595 Düsseldorf
general specification number or custom specification	prepared	I. Pavloff	REV	
	checked	M. Honsberg		
	approved	M.Honsberg		
preliminary	DATE	2021/06/03		

- Type:** LEDlight-20W-12V-24V
- Structure:** Professional IP65 lamp for 12V...24V operation of T8/G13 120cm high efficiency LED tubes
- Ratings and specifications:**

ITEM	Description	min	typ	max	unit	REV
Vbat	Battery voltage range	10,5		28,8	V	
Iop	Current consumption	0,85		2,6	A	
Tstg	storage temperature range	-40		85	°C	
Top	operation temperature range	-20		50	°C	
TI	length of LED tube (T8/G13)		120		cm	
PT	Power of the LED tube	16		18	W	
VT	Voltage of the tube (AC)		230		V	
Lum	Light intensity			1600	lm	
Con	connection cupper diameter	0,5		1,5	mm	
Dia	Cable diameter (cable gland)	6		9	mm	
Fuse	Rec. fuse rating (semi time lag)		4		A	
m	Weight		4,2		kg	
IP	Ingress protection		65		--	

Dim	Outer dimensions	length	width	height	mm
		1280	69	81	

- Appearance (typical, small deviations may occur)**



Material: Plastic / Polycarbonate
Housing Colour: light grey (cover is transparent)
Light: Neutral white (4000K-4500K) or cold white (6000K-6300K)
Equivalent bulb power: ~100W

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