



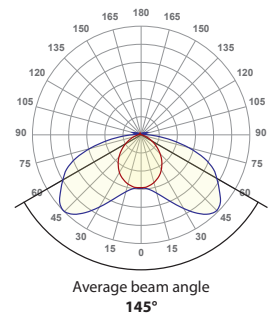
single- and multi colours

# TULEX

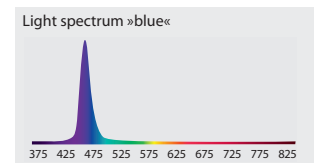
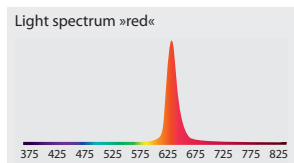
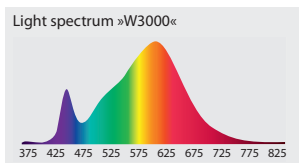
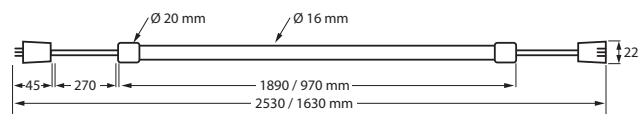
## LED-Tube »Next Generation«

- innovative plug system for fast installation »PLUG & PLAY«
- wide beam angle for improved cage illumination
- top level protection IP69 – pressure washer proof
- no in line brightness losses in line - highly efficient LED-components
- light colours: white , white+red or white+blue
- individual adjustable light colour mix by 2-channel technology

- safety extra low voltage 48 V<sub>DC</sub>
- flickerfree and total dimmable brightness 0–100 %
- durable and ammonia resistant tube material
- small tube diameter 16 mm and close fitting fixing wire (Ø 3 mm)
- flexible tube direction fixing - 0° or 45°
- improved shock proof resistance - IK06
- 75 pcs. TULEX-180 resp. 150 pcs. TULEX-90 connectable per switch power unit LRT-320-48V-DIM
- average lifespan >50.000h\* - 3 years iLOX-warranty



	Type	Output (lm)	Power P (W)	Efficiency (Lm/W)
TULEX-90	3000K	260	2,0	130
	+Blue	32	1,4	23
	+Red	78	1,3	60
TULEX-180	3000K	520	4,0	130
	+Blue	64	2,8	23
	+Red	156	2,6	60



\* In accordance to IEC: Period of time in which 50 % of lamps are still alive.



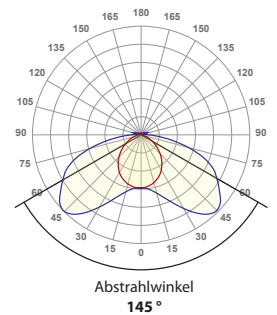
W R B  
ein- und mehrfarbig

# TULEX

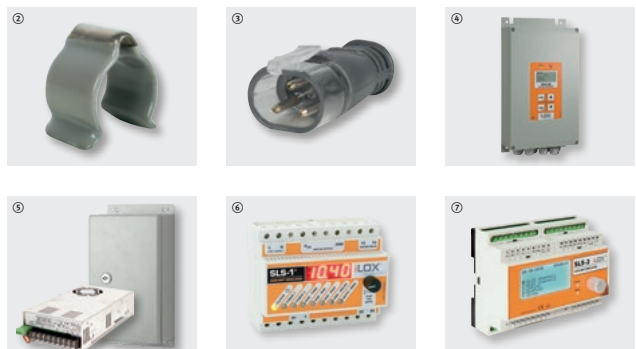
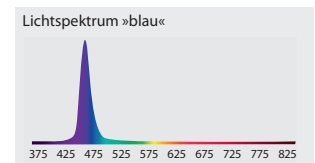
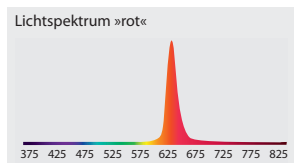
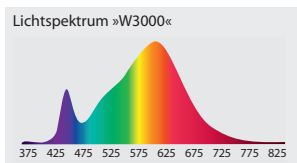
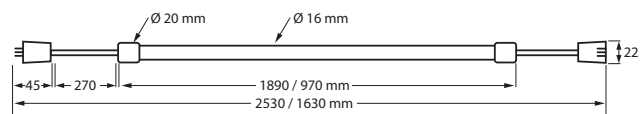
## LED-Tube »Next Generation«

- neues Steckersystem für Schnellmontage »PLUG & PLAY«
- breiter Abstrahlwinkel für optimale Anlagenausleuchtung
- höchste Schutzart IP69 – Hochdruckreiniger geeignet
- keine Helligkeitsverluste im Linienverlauf - hocheffiziente LED-Technik
- LED-Lichtfarben: weiß, weiß+rot oder weiß+blau
- frei einstellbare Farbmischung durch 2-Kanal-Technik

- sichere Schutzkleinspannung 48 V<sub>DC</sub>
- flackerfrei und perfekt dimmbar 0–100 % Helligkeit
- stabiles und ammoniakbeständiges Kunststoffrohr
- nur 16 mm Rohrdurchmesser und eng anliegender Montage Draht (Ø 3 mm)
- variable Rohrausrichtung am Drahtseil - 0° oder 45° gedreht
- hohe Schlagfestigkeit - IK06
- 75 Stück TULEX-180 bzw. 150 Stück TULEX-90 pro Netzteil LRT-320-48V-DIM anschließbar
- mittlere Lebensdauer >50.000h\* - 3 Jahre iLOX-Garantie



	Typ	Output (lm)	Leistung P (W)	Effizienz (Lm/W)
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	+Rot	78	1,3	60
TULEX-180	3000K	520	4,0	130
	+Blau	64	2,8	23
	+Rot	156	2,6	60



\* Gemäß IEC: Zeitraum in dem noch mindestens 50 % der Lampen funktionsfähig sind.