



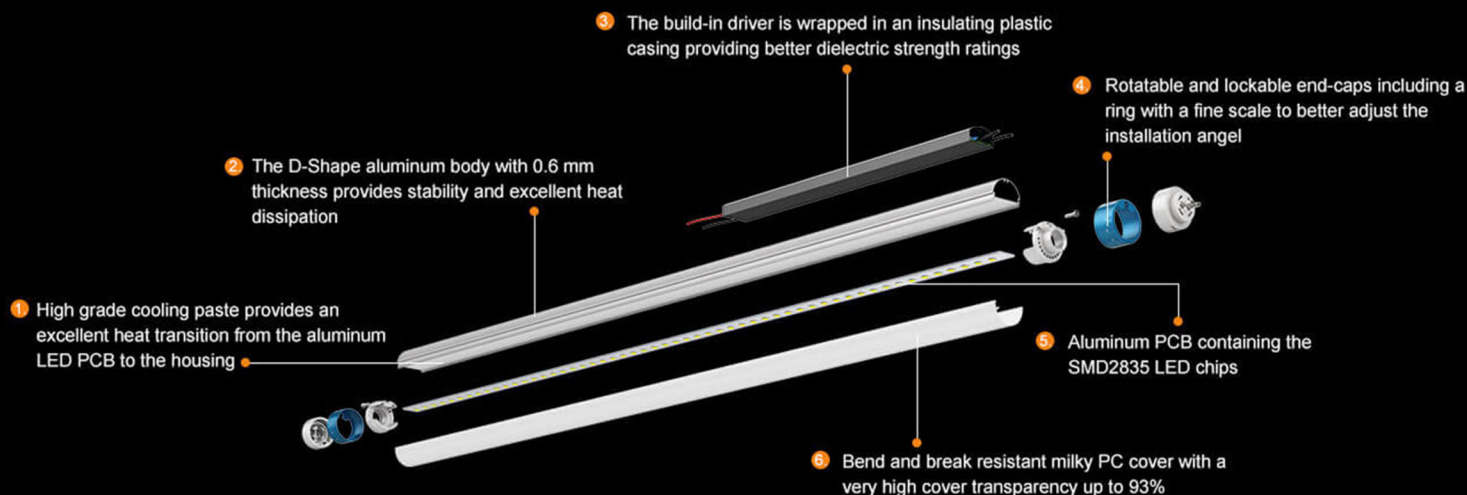
LIGHTSAVE LED
LED READY FIXTURES | NO REWIRING

5 FIVE WAY PROTECTION **5 YEAR GUARANTEE**



8W / 18W / 225W

DirectFit™ T5 Plug 'n' Play LED tube



Non-rotatable end-cap

Rotatable end-cap



Features:

- Extremely energy efficient
- Rotatable end caps
- 94V0 fire resistance
- Isolated driver with double insulating bush
- Efficiency: 150lm/w - 50,000hrs
- 5 Years warranty

Certificates:

- European market: TUV, CE (EMC, LVD, RoHS)

Area of application:

- Hotels, Offices and Libraries
- Factories and warehouses
- Subway, corridors and halls
- Shops & Shopping Centres



Model NO	Length (mm)	Ø (mm)	Luminous Efficiency	Beam Angle
LST5-A600-8W	600	Ø22	150LM/W	120°
LST5-A1200-18W	1200	Ø22	150LM/W	120°
LST5-A1500-25W	1500	Ø22	150LM/W	120°

Product Dimensions



Color Temperature	3000K/4000K/5000K/6000K
Input Voltage	100-277V
Power Factor	>0.9
LENS Angle	120°
LED Type	2835
CRI	Ra≥80
Life Span	50000 hours
Operating Temperature	-20°C ~ +45°C
Operating Humidity	<80%
efficiency	>90%
Warranty	5 years
Markings	CE&RoHS

Luminaire Properties

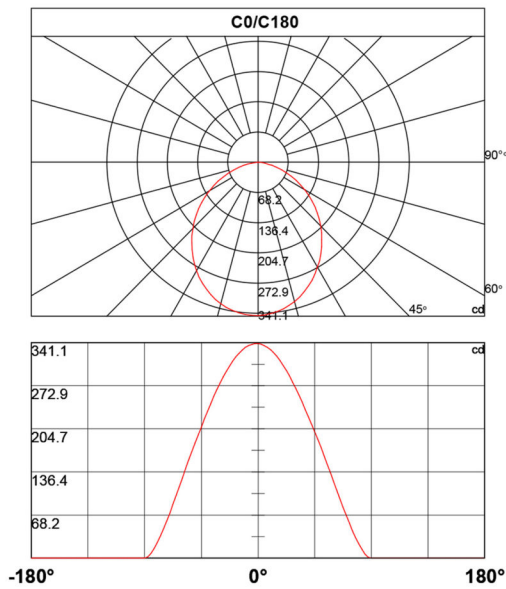
Lamp: LST5-A600-8W
 Sum Lumens: 1236.59 lm
 Number of Lamps: 1
 Diameter: 0mm
 Length: 562mm
 Photometric Type: Type C

Voltage: 220.0 V
 Current: 0.0406 A
 Power: 8.15 W
 Power Factor: 0.913
 Width: 22mm
 Height: 22mm

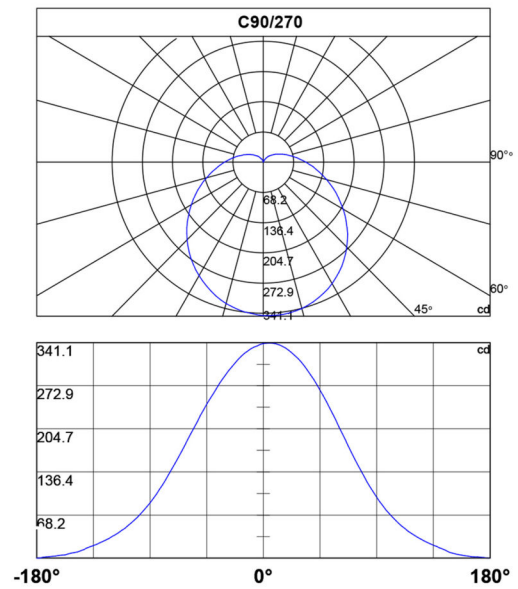
Photometric Results

Lumens: 1236.59 lm
 Efficiency: 100%
 Central Intensity: 339.68cd
 Maximum Intensity: 341.08cd
 Beam Angle(10%): Left: -121.5 Right:113.9

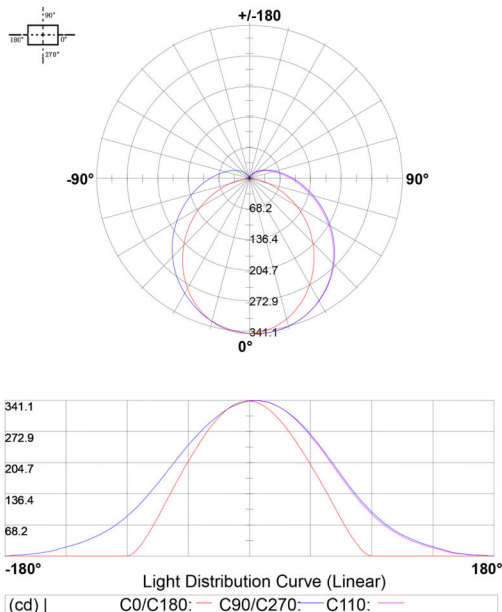
Angle of maximum intensity: C:110.0 G:5.0
 Half Peak Side Angle(50%): Left: -67.5 Right:63.1
 Up Flux Rate: 11.22%
 Down Flux Rate: 88.78%



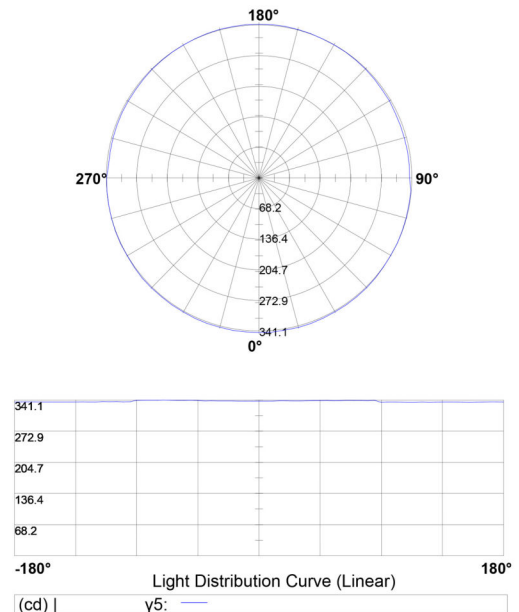
Light Distribution Curve [Unit: cd]



Max Plane Light Distribution Curve [Unit: cd]



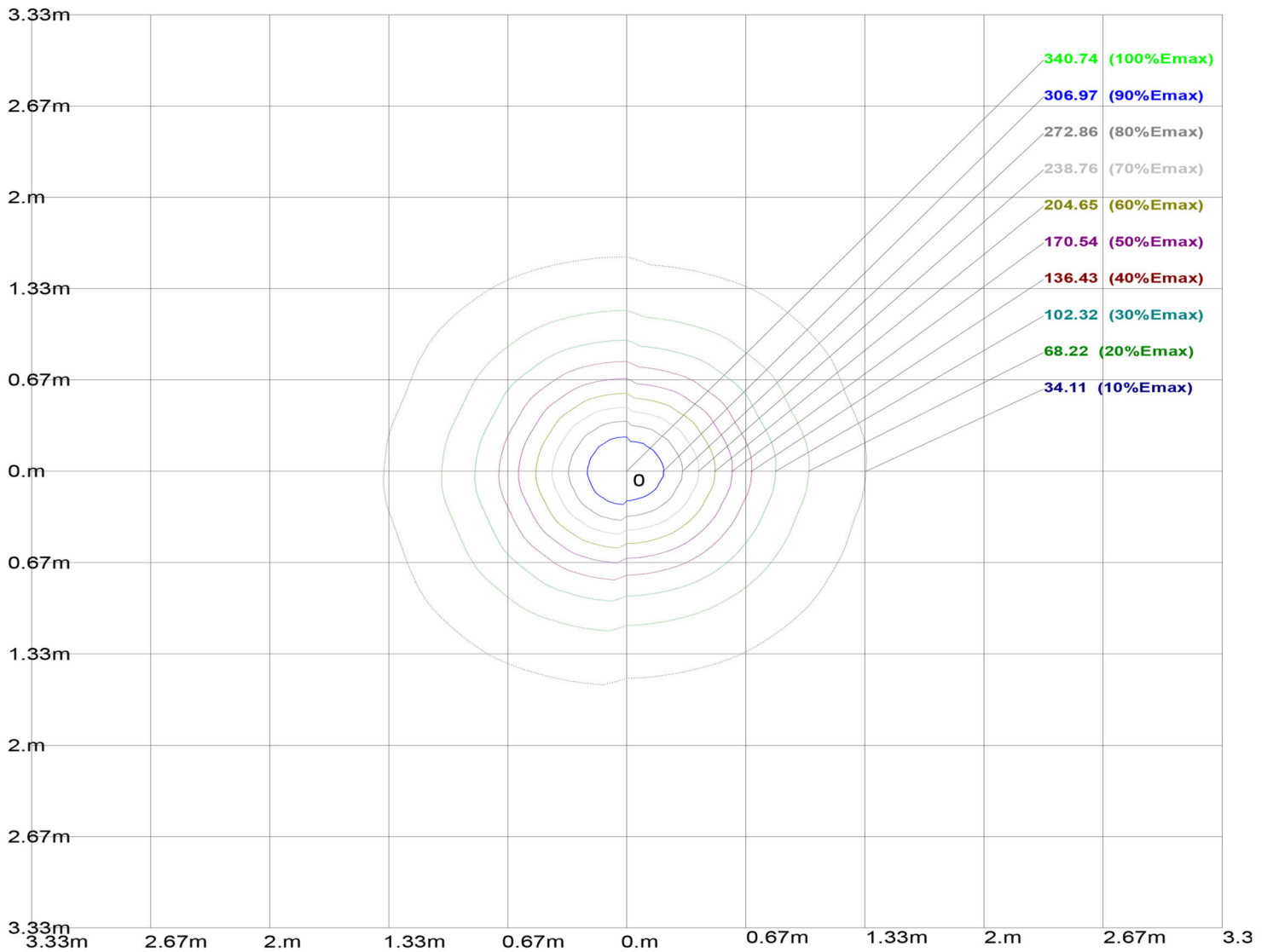
(cd) | C0/C180: C90/C270: C110:



(cd) | y5:

Iso-Lux[lx]

Height: 1 m
Max Illuminance : 341.08lx



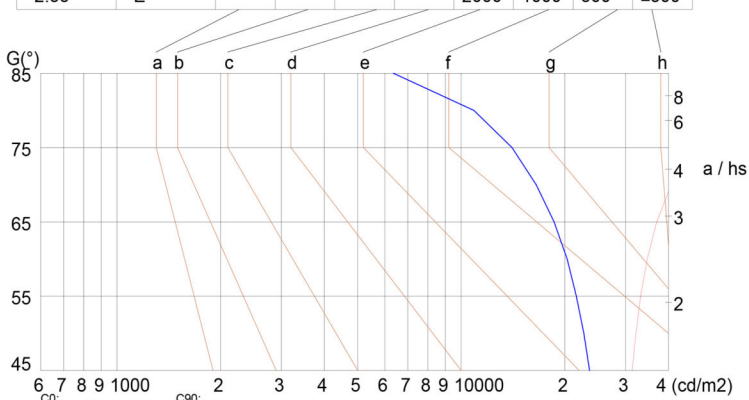
Luminance Limiting Curve

Length: 562mm Height: 22mm Width: 22mm

(cd/m²)

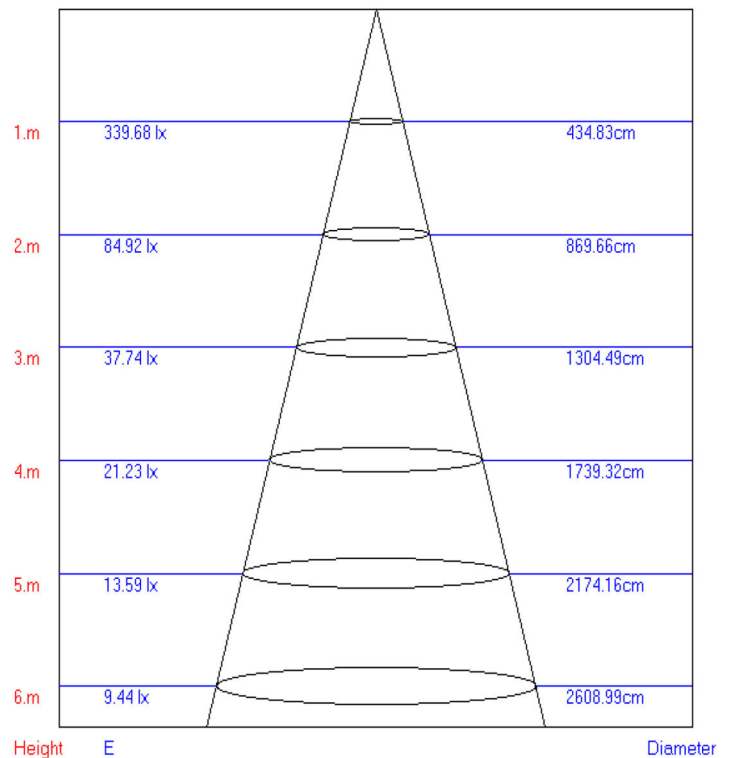
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	31365	32171	33159	34683	36980	40694	47536	61916	107098
C90	23599	22694	21578	20307	18604	16515	14048	10884	6349

Glare	Quality	Service Values Illuminance (lx)							
		2000	1000	500	≤300				
1.15	A								
1.5	B		2000	1000	500	≤300			
1.85	C			2000	1000	500	≤300		
2.2	D				2000	1000	500	≤300	
2.55	E					2000	1000	500	≤300



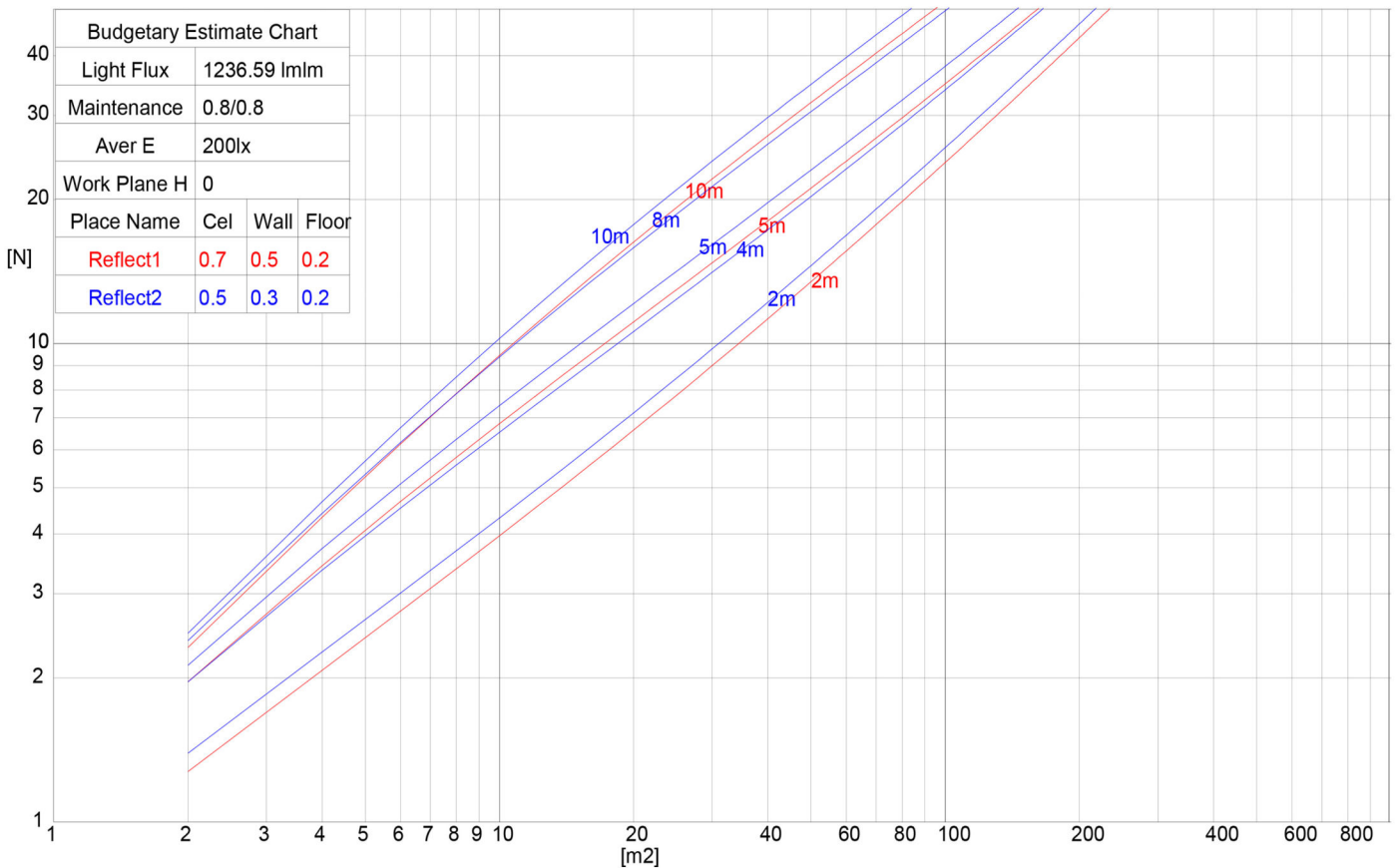
Lum. Limiting Curve (C0/C90)

Lux-Distance Curve



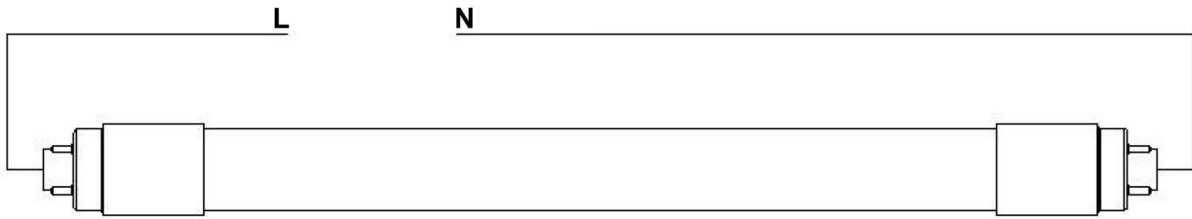
Utilisation Coefficient Table

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION FOR RHOFC=20															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.02	0.99	0.98	1.00	0.98	0.96	0.97	0.94	0.92	0.92	0.90	0.87	0.86	0.84	0.81	0.76
2	0.87	0.84	0.82	0.86	0.83	0.80	0.84	0.80	0.77	0.81	0.77	0.73	0.76	0.72	0.68	0.64
3	0.75	0.72	0.70	0.75	0.71	0.69	0.74	0.69	0.66	0.72	0.67	0.63	0.69	0.63	0.59	0.55
4	0.66	0.63	0.61	0.66	0.63	0.60	0.66	0.61	0.58	0.65	0.59	0.55	0.63	0.57	0.52	0.48
5	0.59	0.56	0.55	0.60	0.56	0.54	0.60	0.55	0.51	0.59	0.53	0.49	0.58	0.51	0.46	0.42
6	0.54	0.51	0.49	0.54	0.51	0.48	0.55	0.50	0.46	0.54	0.49	0.44	0.53	0.47	0.42	0.38
7	0.49	0.47	0.45	0.50	0.46	0.44	0.50	0.46	0.42	0.50	0.45	0.40	0.50	0.43	0.38	0.35
8	0.45	0.43	0.41	0.46	0.43	0.41	0.47	0.42	0.39	0.47	0.41	0.37	0.47	0.40	0.35	0.32
9	0.42	0.40	0.39	0.43	0.40	0.38	0.44	0.39	0.36	0.44	0.39	0.35	0.44	0.38	0.33	0.30
10	0.40	0.37	0.36	0.40	0.37	0.35	0.41	0.37	0.34	0.42	0.36	0.33	0.42	0.36	0.31	0.28



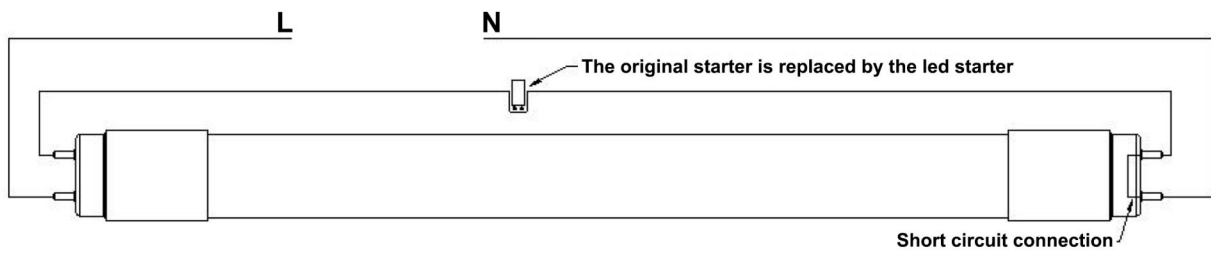
DirectFit™ T5 LED Tube Installation

1. AC input

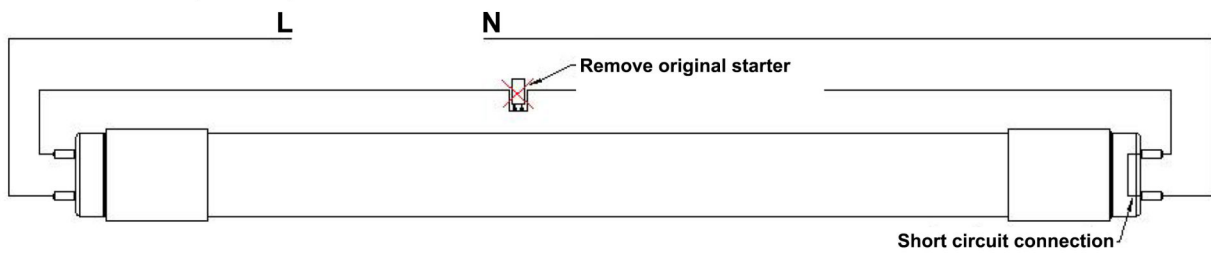


2. Installation of fixture with magnetic ballast

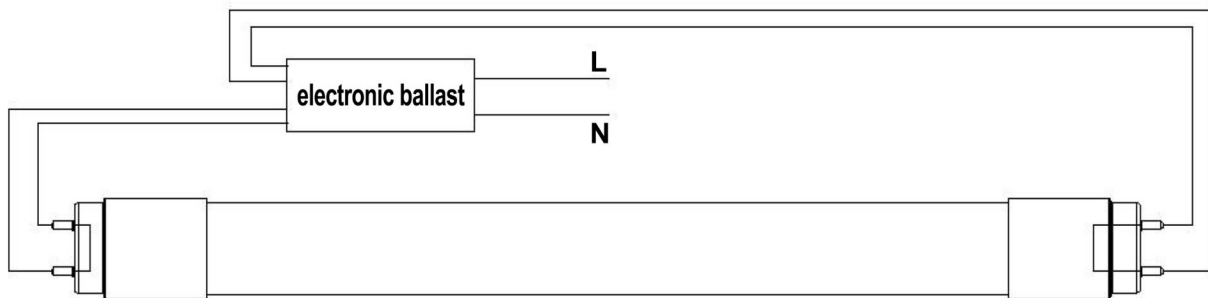
2.1 One-side power input



2.2 Two-side power input



3. Compatible with electric ballast



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! We reserve the right to revise or update its product specifications without notice.