PHILIPS

Lighting



T5

24T5HO/COR/46-840/IF35/G/DIM 25/1

Philips T5 HO LED tubes offer an affordable, energy saving retrofit (Type A) solution. The T5 lamps have been engineered to withstand the test of time with a 50,000-hour lifetime and a limited 5-year limited warranty to back it up. The lighting performance effectively replaces conventional fluorescent T5 HO.

Product data

General information	
Base	G5 [G5]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000
Tier	CorePro

Light technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	200 °
Initial lumen (Nom)	3500 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	145.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	24 W
Lamp Current (Max)	1200 mA
Lamp Current (Min)	30 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	TLED_Type A; UL listed HF
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 347 V

Temperature	
T-Ambient (Max)	113 °F
T-Ambient (Min)	-4 °F
T-Storage (Range)	-40 °C to 65 °C
T-Storage (Max)	149 °F
T-Storage (Min)	-40 °F
T-Case Maximum (Nom)	158 °F

Controls and dimming	
Dimmable	Only with specific dimmers

Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	47-1/4 in
Bulb Shape	Tube, double-ended

T5

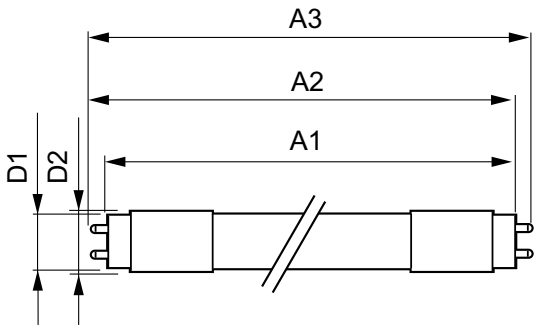
Approval and application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance

Application conditions	
Ambient temperature range	-20 °C to 45 °C

Product data	
Order product name	24T5HO/COR/46-840/IF35/G/DIM 25/1

EAN/UPC - Product	046677576738
Order code	576736
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003134104
Net Weight (Piece)	0.333 lb

Dimensional drawing



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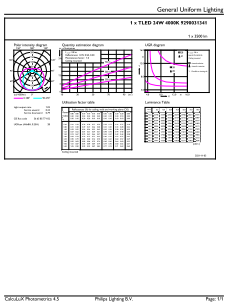
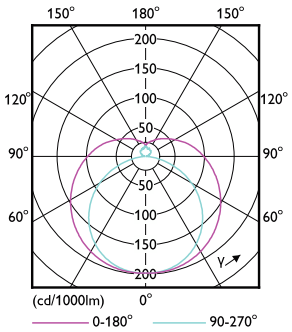
Product	D1	D2	A1	A2	A3
24T5HO/COR/46-840/ IF35/G/DIM 25/1	5/8 in	3/4 in	45-3/16 in	45-1/2 in	45-3/4 in

Photometric data

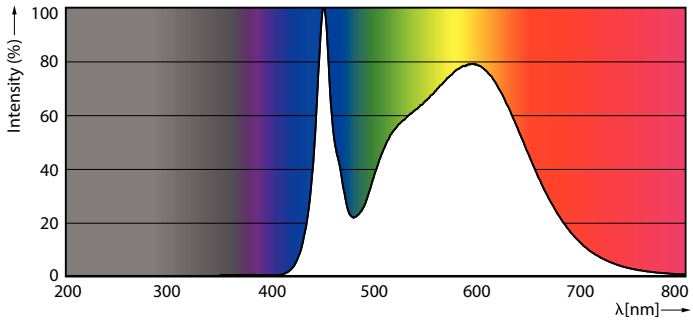


LEDtube COR NAM3 24W G5 3500lm 840-GUL



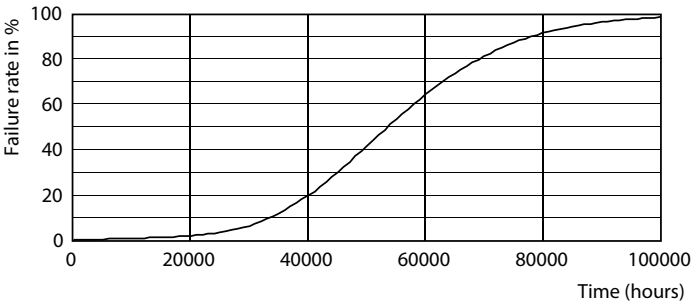
LEDtube COR NAM3 24W G5 3500lm 1-LDD

Photometric data

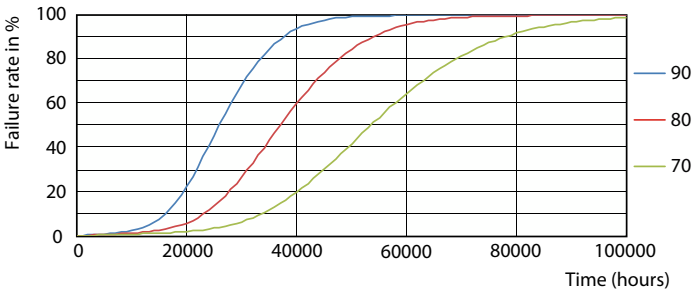


LEDtube COR NAM3 24W G5 3500lm 840-POC

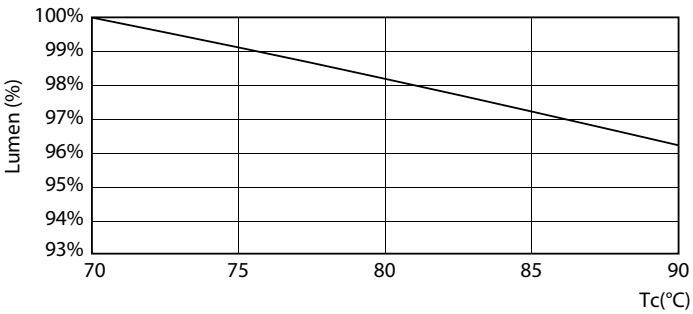
Lifetime



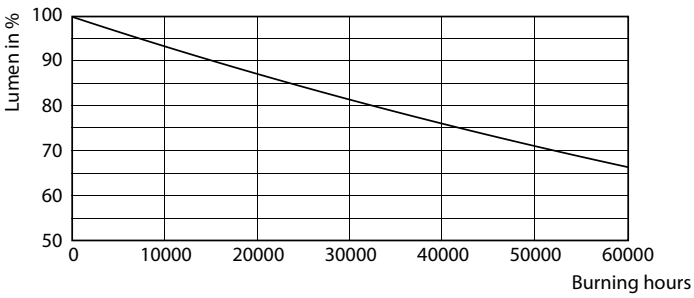
Life Expectancy Diagram



FailureRate



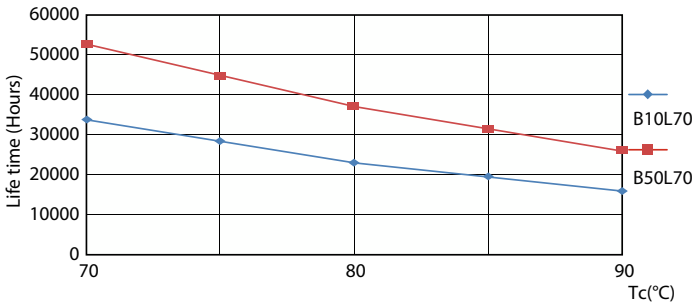
LEDtube COR NAM3 24W 50K LumenVsTc-LMP



Lumen Maintenance Diagram

T5

Lifetime



LifetimeVsTc

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