

iBright™

23W DLC IPS T8 LED Tube

Model:

T8ID12HU40F023

T8ID12HU50F023

T8ID12HU40C023

T8ID12HU50C023



Performance summary

Input: 23W, 100~277VAC, 0.19A

Luminous efficacy: Typ. 100 lm/W

Lumens: 2300lm

CCT: 4000K&5000K

Color Accuracy: CRI 85, R9>20

L70 lifetime: 72,000h

PF>0.95, THD<10%

Performance summary in 2 tubes troffer

Input: 45W, 100~277VAC, 0.38A

Luminous efficacy: Typ. 90 lm/W

Lumens: 4000lm

Spacing Criteria: 0/180: 1.29; 90/270: 1.27



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Ordering Information

Typical Order Example: T8ID12HU40F023

SERIES	GENERATION	SIZE	VOLTAGE	CCT	Lens Type	OPTIONS
T8=T8 Tube	ID=DLC IPS	12=1.2m/4ft	HU=100-277VAC	40=4000K 50=5000K	F= Frosted Lens C= Clear Lens	023=23W

Product Specifications

CONSTRUCTION & MATERIALS	
Dimension	4ft/1.2m
Housing	Extrusion Aluminum and PC diffuser
Finish Color	Silver
Lens Type	Clear/Frosted

ENVIRONMENTAL SYSTEM	
Work Environment	Indoor use (applicable for dry environments)
Operating Temperature	-20°C~50°C (-4~122°F)

OPTICAL SYSTEM	
Luminous Flux	2300LM
Luminous Efficacy	100 lm/w
Color Temperature	4000K & 5000K
CRI	85
Spacing Criteria	C0/180: 1.29; C90/270: 1.27 in Prismatic Troffer
Lumen maintenance at 6000h	98.28%

ELECTRICAL SYSTEM	
Input Voltage/Current	100~277VAC
Off State Power	0W
Power Consumption	23W
Power Factor	>0.92
THD	<20%

REGULATORY & VOLUNTARY QUALIFICATIONS	
Design Lights Consortium	
ETL/cETL	
CE, RoHS	



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