

# DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	42 W
Reported Light Output	5500 lm
Reported CCT	5000 K
Reported CRI (Ra)	82
Product ID	PL44MAB9S7Q3
DLC Family Code	<a href="#">HAHIQR</a>
Listing Status	Listed
Date Qualified	2018-08-06

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PL44MAB9S7Q3
Manufacturer	Halco Lighting Technologies
Brand	Halco ProLED
Model Number	T896FR42/850/BYP2/SP/LED
Parent	Yes
Classification	Standard
DLC Family Code	HAHIQR
Length	8.0 ft
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Eight-Foot
Primary Use Designation	Internal Driver/Line Voltage (UL Type B) Lamps

## PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	Phase Cut
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	180 °
Reported Light Output	5500 lm
Reported Efficacy (AC)	131 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	82
Reported R9	0
Reported IES Rf	85
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light Output	5500 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	42 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	42
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5420 lm
Tested Efficacy (AC)	151.4 lm/W

Tested CCT	5103 K
Tested CRI (Ra)	86
Tested R9	18
Tested IES Rf	85
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	0.0011

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	35.8 W
Tested Total Harmonic Distortion	20.1 %
Tested Power Factor	0.93

## VERSION HISTORY VIEW DETAILS

2022-07-14	Listed	5.1	Standard
2022-06-30	Delisted	5	Standard
2020-03-30	Listed	5	Standard
2018-11-02	Listed	4.4	Standard
2018-08-06	Listed	4.3	Standard