

Products

Prüfbericht - Nr.:		Seite 1 von 6	
CN23ZO0J 001		Page 1 of 6	
<i>Test Report No.:</i>			
Auftraggeber:			
Gegenstand der Prüfung:			
SOCKET FANLIGHT Test			
<i>item:</i>			
Bezeichnung:		Serien-Nr.:	
Refer to Electrical Rating table.		Engineering samples Identification:	
<i>Serial No.:</i>			
Wareneingangs-Nr.:		Eingangsdatum:	
180257463		2023-02-24	
<i>Receipt No.:</i>		<i>Date of receipt:</i>	
Zustand des Prüfgegenstandes bei Anlieferung:			
Good for testing and checking Condition			
of test item at delivery:			
Prüfört:		TÜV Rheinland / CCIC (Ningbo) Co., Ltd.	
<i>Testing location:</i>		<input checked="" type="checkbox"/> 3F Building C13, R&D Park, No.32 , Lane 299 Guanghua Road, National Hi-Tech Zone, Ningbo, 315048, P.R.China <input checked="" type="checkbox"/> CEC: California Code of Regulations, Title 20, Appliance Efficiency	
Prüfgrundlage:		Regulations, Sections 1604(d)(1). <i>Test specification:</i> DOE:	
		Ceiling Fans: 10 C.F.R. section 430.23(w) (Appendix U to subpart B of part 430) Ceiling Fan Light Kits: 10 C.F.R. section 430.23(x) (Appendix V&V1 to subpart B of part 430) NRcan: CSA C22.2 No. 250.0-08 – Luminaires; Ceiling Fans: 10 C.F.R. section 430.23(w) (Appendix U to subpart B of part 430) Ceiling Fan Light Kits: 10 C.F.R. section 430.23(x) (Appendix V&V1 to subpart B of part 430)	
Prüfergebnis:		Der Prüfgegenstand entspricht obengenannter Prüfgrundlage(n). <i>Test</i>	
<i>Result:</i>		The test item passed the test specification(s).	
Prüflaboratorium:		TÜV Rheinland / CCIC (Ningbo) Co., Ltd.	
<i>Testing Laboratory:</i>		3F Building C13, R&D Park, No.32 , Lane 299 Guanghua Road, National Hi-Tech Zone, Ningbo, 315048, P.R.China	
Gepprüft/ Tested by:		Kontrolliert/ Reviewed by: <i>Zeke Jia</i>	
2023-04-11	Shuofeng He	2023-04-12	Zeke Jia
Datum	Name	Datum	Name
<i>Date</i>	<i>Name</i>	<i>Date</i>	<i>Name</i>
	Unterschrift		Unterschrift
	<i>Signature</i>		<i>Signature</i>
Sonstiges/ Other Aspects:			
1. This report is issued for results of DOE and CEC energy test of ceiling fan and light kits.			
2. Attachment 1: Energy Guide Label.			
Abkürzungen: P(ass) = entspricht Prüfgrundlage		Abbreviations: P(ass) = passed	
F(ail) = entspricht nicht Prüfgrundlage		F(ail) = failed	
N/A = nicht anwendbar		N/A = not applicable	
N/T = nicht getestet		N/T = not tested	

Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.

This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

TÜV Rheinland / CCIC (Ningbo) Co., Ltd ·3F Building C13, R&D Park, No.32 , Lane 299 Guanghua Road, National Hi-Tech Zone, Ningbo, 315048, P.R.China

Client Information	
Manufacturer:	
Address:	
Contact Person:	
E-mail:	
Phone:	
Fax:	

Factory:	
Address:	
Contact Person:	
E-mail:	
Phone:	
Fax:	

General Remarks
<ol style="list-style-type: none"> 1. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. 2. Throughout this report a point is used as the decimal separator. 3. Tested samples configuration done according to client specification. 4. Test results only related received samples, the results comply with the Efficiency rating required by 10 C.F.R. section 430.32 & CEC Title 20, Appliance Efficiency Regulations, Sections 1605.2(d)(1)(A).

Abriviations May Used throughtout This Report	
CEC: California Energy Commission	DOE: Department of Energy
NRcan: Nature Resource Canada N/A.: Not Applicable	EYEC: Estimated Yearly Energy Cost

Brand/Trademark	
N/A	N/A

Electrical Rating	
Models No.	Nominal Rating
8563, 8563ENC, 8563FEC	120V, 60Hz, 29W
9965, 9965ENC, 9965FEC	
Remark:	
<ol style="list-style-type: none"> 1. All models are identical except the light temperature color. 2. Model 8563 is identical with models 8563ENC, 8563FEC, except the model name; model 9965 is identical with models 9965ENC, 9965FEC, except the model name. 	

Energy Guide Label requirement	
1.	The label shall be legible, conspicuously displayed to the consumer, and be removed only by the consumer.
2.	Headlines, including the title “EnergyGuide”.
3.	The product’s estimated yearly energy cost based on 6.4 hours use per day and 12 cents per kWh.
4.	The product’s airflow expressed in cubic feet per minute.
5.	The product’s energy use expressed in watts.
6.	The statement “Based on 12 cents per kWh and 6.4 hours use per day”, “All estimates based on typical use, excluding lights”, “Your cost depends on rates and use”, “Airflow Efficiency: ____ Cubic Feet Per Minute Per Watt”, “All estimates based on typical use, excluding lights”, “The higher the airflow, the more air the fan will move”.
7.	The address <i>ftc.gov/energy</i> .

Product Group Code of DOE&CEC Requirement	
For Ceiling Fan(DOE&CEC)	
1	Very Small-Diameter (VSD), Diameter less than or equal to 12 in.
2	Very Small-Diameter (VSD), Diameter greater than 12 in.
3	Standard
4	Hugger
5	High-Speed Small-Diameter (HSSD)
6	Large-Diameter
For Light Kits(DOE)	
1	Pin-Based Fluorescent Lamps
2	Compact Fluorescent Lamps with a Medium Screw Base
3	General Service Fluorescent Lamps
4	Other Compact Fluorescent Lamps (e.g., Candelabra Base CFL)
5	Other Fluorescent Lamps
6	General Service Incandescent Lamps
7	Candelabra or Intermediate Base Incandescent Lamps
8	Incandescent Reflector Lamps
9	Other Incandescent Lamps
10	Integrated LED Lamps
11	Integrated SSL Circuitry (Non-Consumer Replaceable)
12	Other SSL Products (Consumer Replaceable)
13	All Other Lamps
For Light Kits(CEC)	
C	Compact Fluorescent
I	Incandescent
L	LED
O	Other type of lighting
X	No lighting

General Products Information:	
Model No.	8563, 8563ENC, 8563FEC, 9965, 9965ENC, 9965FEC
Voltage(Vac)	120
Ceiling Fan Type	<input type="checkbox"/> Very Small-Diameter (VSD), Diameter less than or equal to 12 in. <input checked="" type="checkbox"/> Very Small-Diameter (VSD), Diameter greater than 12 in.. <input type="checkbox"/> Standard. <input type="checkbox"/> Hugger. <input type="checkbox"/> High-Speed Small-Diameter (HSSD). <input type="checkbox"/> Large-Diameter.
Product Group Code for Ceiling Fan.(DOE&CEC)	2
Ceiling Fan with Light Kits	<input checked="" type="checkbox"/> True <input type="checkbox"/> False
Light Kits Type	Integrated LED Lamps
Product Group Code for Light Kits.(DOE/CEC)	10 / L
Fan Blade Span (m / inch)	0.39m / 15.55inch
Fan Blade Thickness (mm / inch)	1.98mm / 0.08inch
Fan is multi-head type (For small-diameter ceiling fans)	<input type="checkbox"/> True <input checked="" type="checkbox"/> False
Separate Fan & Lighting Controls	<input checked="" type="checkbox"/> True <input type="checkbox"/> False
Adjustable Speed Controls	<input type="checkbox"/> One operating speed <input type="checkbox"/> Two operating speeds (Low and High) <input checked="" type="checkbox"/> Three operating speeds (Low, Medium, and High) <input type="checkbox"/> Variable - speed
Airflow Direction	<input checked="" type="checkbox"/> Downward Only <input type="checkbox"/> Reversible
Distance Between the Ceiling(mm / inch)	197mm / 7.75inch

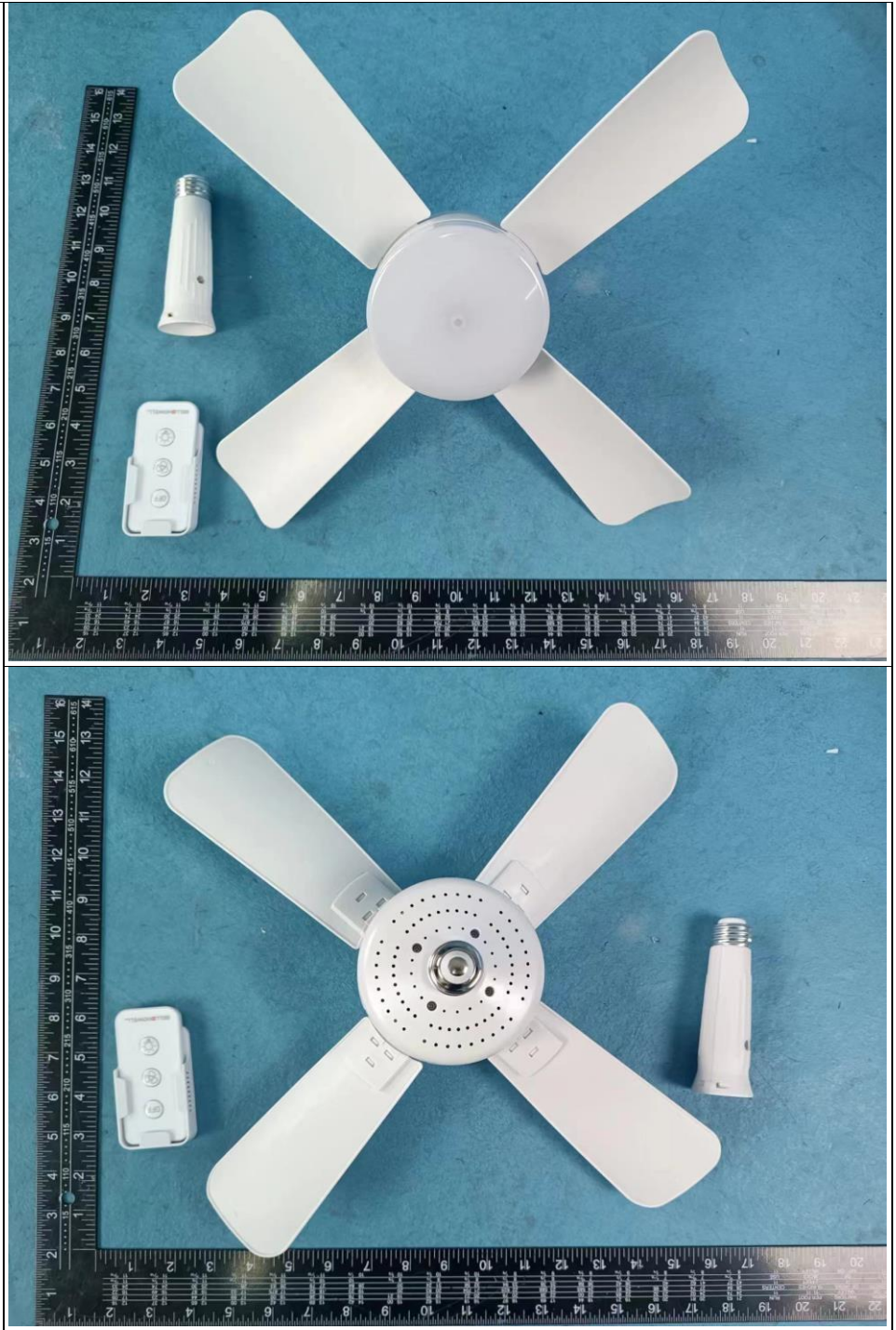
Test Result					
Name of Measured or Calculated Value		Sample 1	Sample 2	Average	
High Speed	Airflow(CFM)	1433.80	1545.53	1489.66	
	LCL/0.9 For Airflow(CFM)	1489.67		/	
	Input Power(W)	12.92	13.78	13.35	
	UCL/1.1 For Input Power(W)	13.75		/	
Low Speed	Rotation Speed(RPM)	616.2	619.7	618.0	
	Airflow(CFM)	488.42	501.14	494.78	
	LCL/0.9 For Airflow(CFM)	530.91		/	
	Input Power(W)	2.25	2.09	2.17	
Standby Power(W)	UCL/1.1 For Input Power(W)	2.27		/	
	Standby Power(W)	0.583	0.613	0.598	
UCL/1.1 For Standby Power(W)		0.600		/	
Ceiling Fan Efficiency(CFM/W)		104.04	105.74	104.89	
Light Kits Flux(lm)		1103.3	1123.2	1113.3	

Light Kits Power(W)		13.72	14.12	13.92
Light Kits Efficacy(lm/W)		80.42	79.56	79.99
LCL/0.9 For Light Kits Efficay			86.90	/
Represent Value				
High Speed	Airflow(CFM)	1489.66		
	Input Power(W)	13.75		
	Rotation Speed(RPM)	618.0		
Low Speed	Airflow(CFM)	494.78		
	Input Power(W)	2.27		
Standby Power(W)		0.600		
Ceiling Fan Efficiency(CFM/W)		102.12		
Limit(CFM/W)		32.10		
Light Kits Efficacy(lm/W)		79.99		
Limit(lm/W)		65.57		
Verdict		Pass		

The rated value used in EnergyGuide Label	
Weighted-Average Airflow CFM _{ave}	1023
Energy Use W _{ave}	10
EYES(\$)	3
Efficiency(CFM/W)	104

Photos

Models 8563, 8563ENC,
8563FEC, 9965, 9965ENC,
9965FEC



Constructional Data Form

Item No.	Object / Part No.	Manufacturer /Trademark	Type/ Model	Technical Data
1	Fan Motor		LF4612ABF12-DD75-27kv-L110	24Vdc, 15W
2	LEDs		2835	3.3~3.35Vdc, 150mA
3	Power Control Module		N/A	Input:120Vac, 60Hz, 29W; Output for fan: 24Vdc, 0.067~0.515A; Output for LED light: 53.4~59.7Vdc, 0.033~0.080A.

-----End of Report-----

ENERGYGUIDE

Estimated
Yearly Energy Cost

\$3

\$10 | | | **\$50**

Cost Range of Similar Models (8563XXX, 9965XXX)

- Based on 12 cents per kWh and 6.4 hours use per day
- **Your cost depends on rates and use**
- Energy Use: 10 Watts

Airflow

1023

Cubic Feet Per Minute

- The higher the airflow, the more air the fan will move
- Airflow Efficiency: 104
Cubic Feet Per Minute Per Watt

All estimates based on typical use, excluding lights

ftc.gov/energy