

# Specification

## 1. Scope

This specification is made for the EEFL 4.0-445-260.260

## 2. Lamp type:

3.

EEFL4.0-445-260.260

## 3. Specification and Characteristic

NO.	Items	Materials	Note
1	Bulb material	Hard Glass	From Nichia, Japan
2	Phosphor	Rare Earth Phosphor	From Nichia, Japan
3	Enclosed gas	Ne+Ar, Hg	
4	Electrode	Cu coated with Ni	

#### 4. Initial Characteristic

No	Item	Code	Unit	Requirement	Note
1	Lamp diameter	D	Vrms	4.0±0.1	
2	Lamp length	L	mm	445±0.1	
3	Lamp Current	IL	mA	5.0±0.2	
4	Surface Luminance	B	Nit Cd/m <sup>2</sup>	≥11,000	
5	Color Temperature	K		19000k±500K	
6	Chromaticity	X		0.260±0.01	
		Y		0.260±0.01	
7	Peak spectrum	R		611nm	
		G		544nm	
		B		440nm	
8	Operation lifetime	H		≥15,000	

#### 5. Testing Terms

5.1 If there is no special requirement, the lamp should be placed horizontally. And the time of required charge stabilization should last more than 3minutes before testing.

5.2 The ambient temperature is 25°C±2°C, and 65%±20% for the ambient humidity without wind.