

# COB 5020 (8 row)

## Introduction

COB 5020 (8 row) series are a kind of high radiation power UVLED with 96 pcs 45 mil chips, using ALN substrate.

The peak wavelength ranges from 365nm to 410nm.



## Characteristics

### Absolute Maximum Ratings

Parameter	Rating
Maximum DC Forward Current	6A
LED Junction Temperature	130°C
Operating Temperature	-30°C~85°C
Storage Temperature	-40°C~100°C

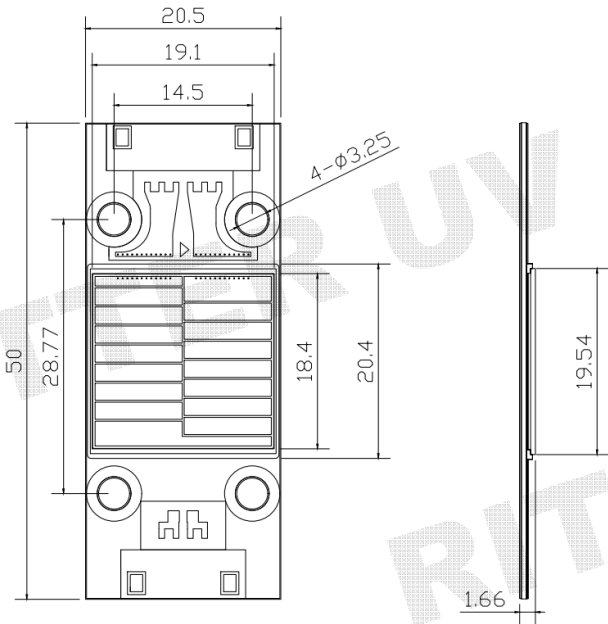
### General Characteristics

Parameter	Rating
Dimensions	50mm*20.5mm*1.66mm
Chip Connection Arrangement	16S6P
Emitting Area Size	18.4mm*19.1mm
Typical Peak Wavelength	365nm~410nm
Typical Input Current	4.2A
Typical Input Voltage	50V~60V
Typical Peak Irradiance (@4.2A)	25w/cm <sup>2</sup>
Connector type	6 pin terminal

Note :

Irradiance is measured at a distance of 1mm.

**Dimensions**



**Top view**

**Side view**

Notes :

1. Drawings are not to scale
2. All dimensions are in millimeter
3. Dimensions are  $\pm 0.10\text{mm}$  unless otherwise indicated

**Electrical Connector**

