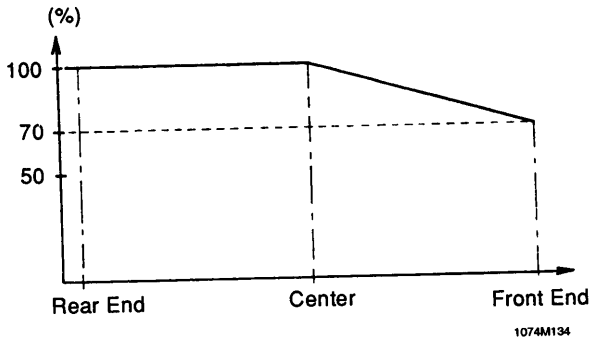
- H1 has the following light distribution characteristic. That is, the intensity at the rear of the Lamp is lower than the front end by about 30% to prevent the temperature of the rear end of the Upper Fusing Roller from increasing.



<Predrive>

- Predrive is performed at the following timing.

TH1 detects the surface temperature of the Upper Fusing Roller immediately before H1 is turned ON.

If temperature is less than 165°C

If temperature is 165°C or more

Predrive begins when the temperature detected by TH1 reaches 175°C, provided that the Predrive Inhibit signal is LOW.

Predrive is completed in 30 seconds and the copier becomes ready to make copies when the temperature detected by TH1 reaches 185°C.

Predrive is completed in 15 seconds and the copier becomes ready to make copies when the temperature detected by TH1 reaches 185°C.

<Detection of Abnormally High Temperature>

- H1 is turned ON and OFF by the signal output from pin 16 (P51) of IC1A on PWB-A. It is turned ON by a LOW signal and OFF by a HIGH signal.
- When TH1 detects an abnormally high temperature, the output from pin 7 of IC20A on PWB-A goes from LOW to HIGH. The Self Holding signal goes LOW causing RY1C to turn OFF. This causes RY1 to turn OFF, which cuts off power to H1, turning it OFF.