

No. IIT Mandi / S&P/2023-24/NOC-01

16.02.2024

Sub: Notice for Inviting offers/Objections in respect of Procurement of Kessil LED Photoreaction Lamps (Qty – 01 No.)

IIT Mandi is under process to purchase subject cited item from M/s Dicon Fiberoptics, Inc., USA through its authorized distributor M/s Bandi Technology on a proprietary basis.

The specifications of the required item are being uploaded for open information to submit offers/objections, if any, from the countrywide manufacturer regarding the proprietary nature of the item quoting Reference No. IIT Mandi /S&P/2023-24/NOC-01. The offer should be submitted in compliance with the terms and conditions as attached herewith. The comments/objections may be e-mailed to jssp@iitmandi.ac.in / drsp@iitmandi.ac.in or submitted by speed post/courier at the below mentioned address on or before **22.02.2024 up to 5:00PM**. In the event of non-receipt of any objections/comments with in the stipulated time, it will be presumed that vendors of prevailing market don't have any objection towards this enquiry.

The detailed specification of the item to be procured is given as **Annexure-1** with this document.

The document is available for download from the Institute website i.e. www.iitmandi.ac.in

To Be Submitted to:

*Deputy Registrar (Stores & Purchase)
Indian Institute of Technology Mandi, A-9 Building
North Campus, Kamand, Mandi – 175075
Himachal Pradesh
Phone: +91-1905-267078 / 39*

Sd/-

Deputy Registrar (Stores & Purchase)

Annexure - 1

Kessil LED Photoreaction Lamps

PR160L-427nm, PR160L-440nm, PR160L-456nm, PR160L-467nm

Technical Specifications

Power Consumption (AC)	427nm & 440nm (max 45W), 456nm (max 50W), 467nm (max 44W)
Input Voltage	100-240 VAC
Operating Temperature	0 - 40°C / 32 - 104°F
Beam Angle	56°
Wavelengths	427nm, 440nm, 456nm, 467nm
Average Intensity of PR160 series	399mW/cm ² (measured from 1 cm distance)
Dimensions (H x D)	4.49" x 2.48" / 11.4cm x 6.3cm

Kessil PR160 Rig w/ Fan Kit

Weight: 6.2lb / 2.85 kg

Dimensions: W 22.7" x L 13" x H 7.5"

Specifications

- 12.6 x 9.06 inches Light-blocking Shield + Fan (x1)
- 12.6 x 4.72 inches Front Light-blocking Shield (x1)
- 5.91 inches Black Cable Ties (x4)
- Y-split Cable for Fan (x1)
- 15.75 inches Center Rod (x1)
- 0.63 inches Side Rod (x2)
- Center Mount (x1)
- Side Moun (x2)
- ¼"-20, 15mm Thumb Screw (x5)
- ¼"-20, 20mm Thumb Screw (Only for G) (x1)
- Screw M3 x 5mm Pan Head (Backup screws for PR160) (x10)
- Back Arm (x4)