

## NELSON MANDELA ACADEMIC LABORATORY

## SPECIFICATION: SINGLE LIGHT MICROSCOPE

## H RED ROPALL

Area	HISTOLOGY NMAL	Compliant	Not Complaint
Item	Upright bright field Light microscope		
Frame	Stable, durable frame with a power cord		
Evepiece	Widefield eyepiece 10X magnification F.N. 22 (pair)	TENTA A L	
Nosepiece	Able to take 5 objectives of Plan		
Plan Achromat Objectives	2X, 4X, 10X, 20X, 40X		
Condenser	Swing out condenser		
Stage	Manual stages with Right-Hand Control with slide holder LH for 2 slides		
Cantrol Knob	Remote exposure knob – XY controls moving in direction indicated. Low position		
Ergonomic tube	Binocular tube must move up and down, head tilts and extends forward and back		
Binocular	Widefield tilting binocular, inclined minimum 5-35 degrees, with focusable eyepiece tube		
Illumination	Built in Koehler illumination for transmitted light LED true colour 30 W light source		
Filter type	Blue Daylight		
Dust cover,	Compulsory		
Power cord,			
Allen wrench			
AC adaptor			
Compiled by:	A. de Beer and Dr. S. Likumbo		
Lab Manager	757)		
Signature:			
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Date:	03/07/2024	Marie San	