

batch	
id	int
full_name	varchar
date_created	timestamp
fluence_units	float
angle_radians	float
misc	JSON

line_measurement	
id	int
image_id	int
radial_loc	varchar
linear_loc	varchar
thread_loc	varchar
sample_id	int
meas_by	varchar
length	float
intercepts	int
unit	varchar
image_id, radial_loc, linear_loc, thread_loc, sample_id	

image	
id	int
radial_loc	varchar
linear_loc	varchar
thread_loc	varchar
sample_id	int
img_data	varbinary
path	varchar
avg_wavelength	float
id, radial_loc, linear_loc, thread_loc, sample_id	

sample	
edi_sample_id	int
name	varchar
dimensions	varchar
composition	varchar
mfr_sample_id	varchar
batch	int

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image_id, radial_loc, linear_loc, thread_loc, sample_id	

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radial_loc	varchar
linear_loc	varchar
thread_loc	varchar
sample_id	int
img_data	varbinary
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avg_wavelength	float
id, radial_loc, linear_loc, thread_loc, sample_id	