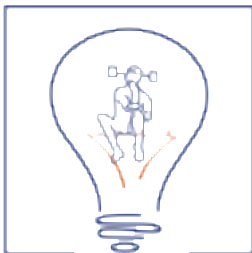
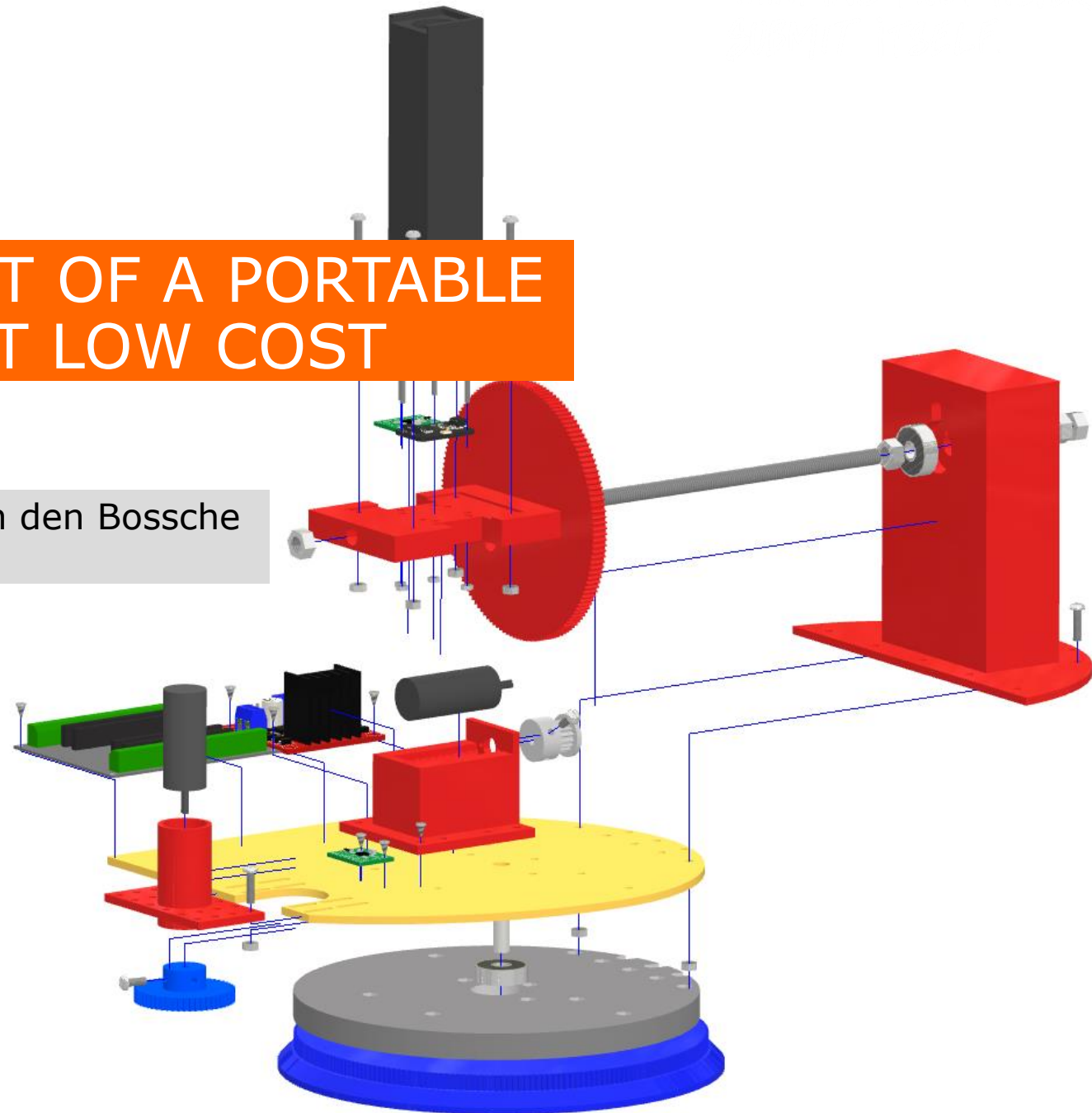


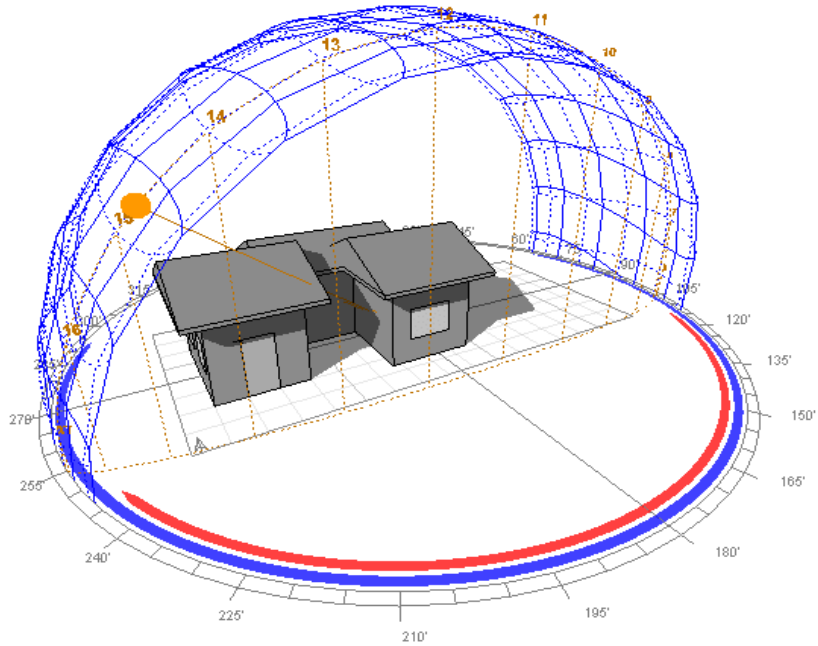
# DESIGN AND DEVELOPMENT OF A PORTABLE SPECTRAL SKY SCANNER AT LOW COST

CROONEN LOUIS

Promotors: prof. dr. V.A. Jacobs & prof. dr. P. Van den Bossche  
Supervisor: Arjen Mentens



# THE PURPOSE OF MEASURING SKY IRRADIANCE

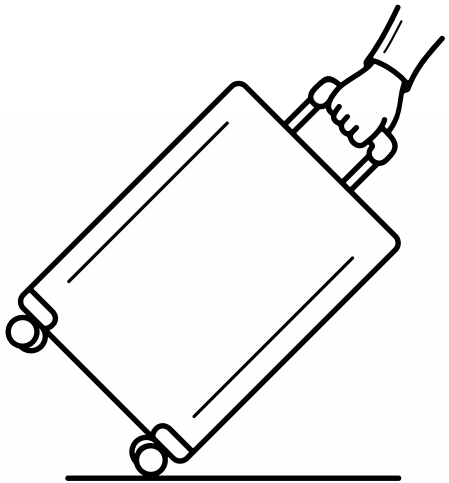


Building facades

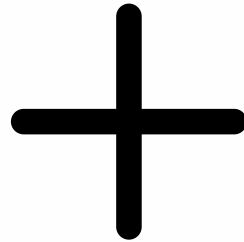


Non-image forming effects

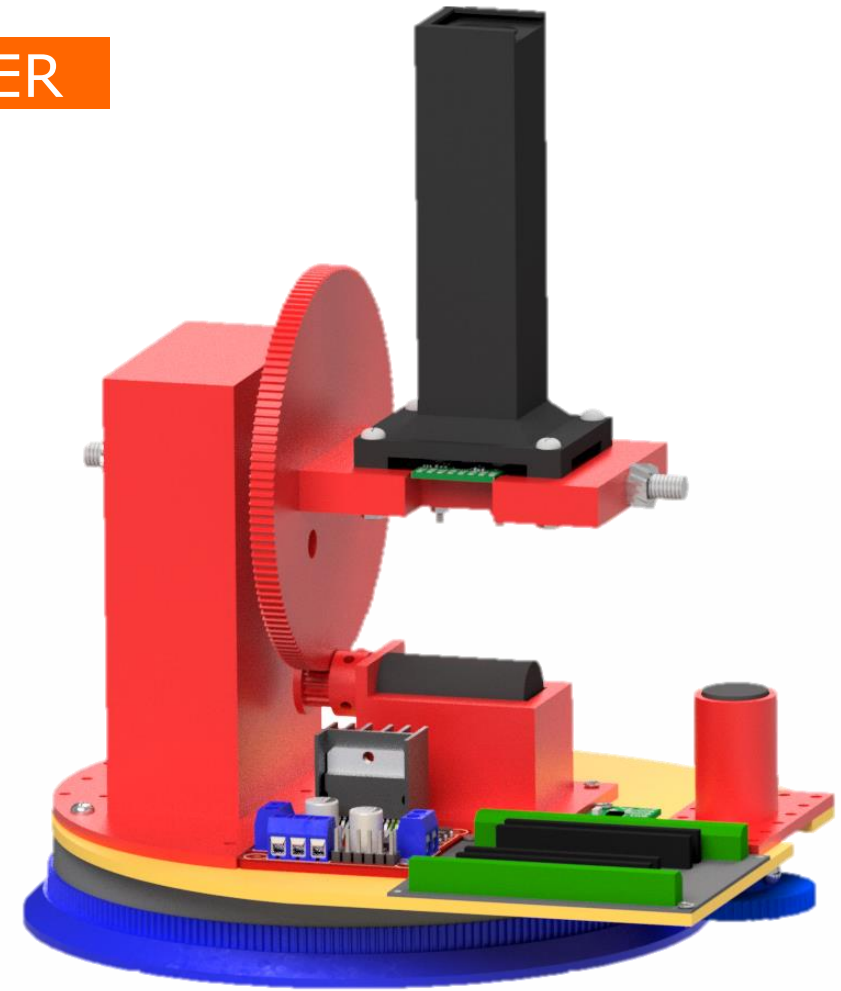
# KEY FOCUS POINTS FOR A SPECTRAL SKY SCANNER



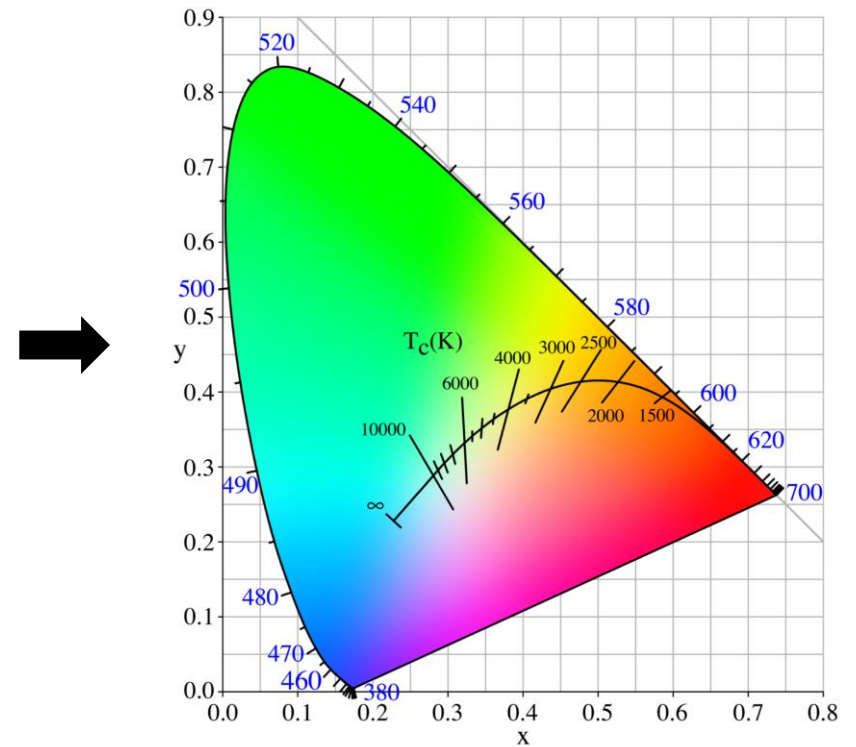
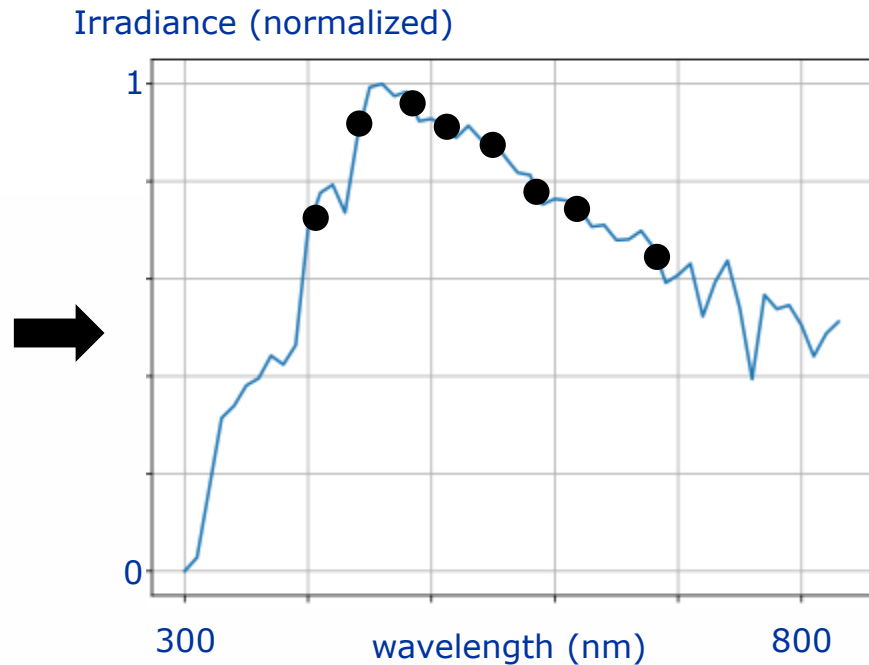
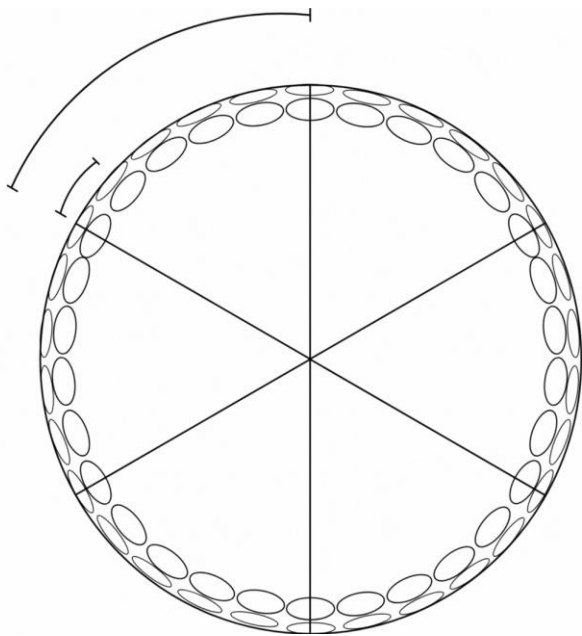
Portability



Cost-accuracy ratio



# CAN WE USE LOW-COST EQUIPMENT TO CALCULATE SPECTRALLY DERIVED INFORMATION?

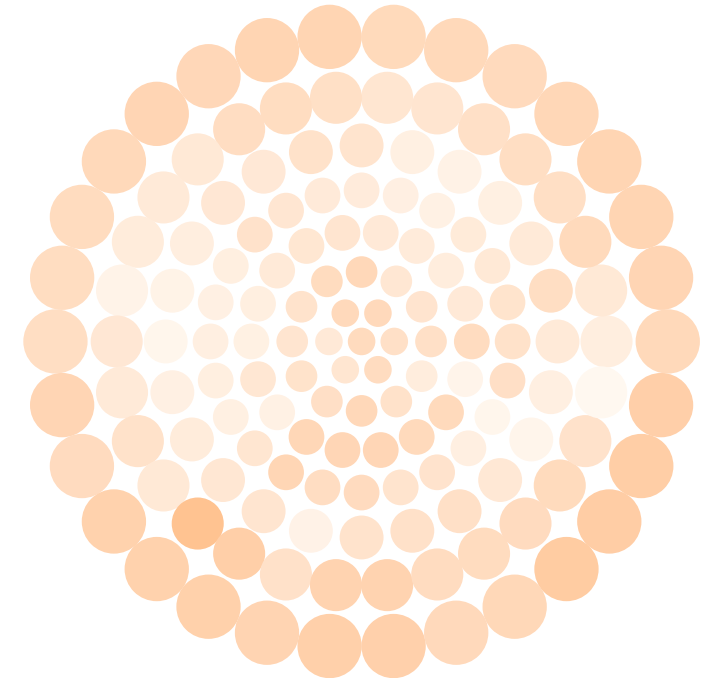


## CONCLUSIONS AND ROAD AHEAD

Portability ✓

Low-cost ✓

Insights in its performance ✓



3580 K

6112 K





THINKING MUST NEVER  
SUBMIT ITSELF.



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UNIVERSITEIT  
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