

University of Illinois
Department of Agricultural Engineering
BESS Lab

Light Trap Light Reduction Test

Project Number: 12350L

Date: May 21, 2012

Make: Termotecnica

Model: PERICOOL 45-45/7-150

Description: Cellulose based evaporative cooling pad, 45 deg. X 45 deg. Corrugation
5.9" (150 mm) thick pad

Notes:

Light Intensity - Outside (fc)

5340	6150	5490
5790	6080	5810

Mean 5777

Light Intensity - Inside (fc)

0,248	1,265	1,101
1,48	1,203	1,485

Mean 1,130333

Light Reduction Factor	
Outside/Inside	5.100

Instrumentation:

International Light IL-1710 Light meter