Maximum Deviation

0.0%

Ho			cker Incorporated		hi.cert@hockerinc.com				
13402 V		13402 Weiman Road Houston, TX 77041				Customer PO #:		85302	
		-464-5829 Fax 713-464-3192		Certification #:		20-0971			
Perf			formance Evaluation		Evaluation Date:		Due Date:		
Hock	er Inc.	U۱	/ & White Light Meter		07/13/2020		1/13/2021		
F-LTM	T-Rev 0	Operatio	nal When Received?		Yes	No Repair	Required!	Equipment Condition	
Company: P & B Testing				In Tolera		nce when		When Received?	
Address: 6645 W Tidwell					ived?	Yes	X	New	
City:	HOUSTON								Good
State:	TX		EQUIPMENT DESCR				ht Meter		Fair
Zip:	77092	'	QA DEPT:	QA@PBTes	sting.com	Model:DLM-1000 S/N:121241A,B,C			Poor
Country:	USA								
Contact:		Buck Snider		File Loc.	0.1.0.4		sting_07132020		
	t Used For			al #:	Cal. Date:	Due Date:		NIST#:	
DLM-	·1000 "A" Re	eadout	142154A		3/23/2020	9/23/2020	1533001		
DLM	-1000 "B": S	ensor	142154B		3/23/2020	9/23/2020	00249-10540)
DLM-1000 "C" Sensor			142154C		3/23/2020	9/23/2020	8117481-425189-W10962		/10962
% Tolerance Used 5.0%		Meter Type		Digital		Equipment Mfg.:			
						Gould-Bass			
Equipment Owner: Address:						Ci	ty:	State:	Zip:
=95	-	-		7 101 01 0 001		<u> </u>	- , -		
	P & B Testin		66	645 W Tidwo	ell		STON	TX	77092
-	P & B Testin				ell Tempe	HOU:	STON 69°F	TX Humid.:	77092 43%
-	P & B Testing DLM-	g	ensor	645 W Tidwo		HOU:	STON	TX Humid.: ustment o	77092 43%
UV As	P & B Testing DLM-	^g 1000 "B" S	ensor	645 W Tidwo	Tempe UV As	HOU:	STON 69°F er No Adju	TX Humid.: ustment o	77092 43%
UV As Found	P & B Testing	9 1000 "B" S V Meter A	ensor s Receive	645 W Tidwo	Tempe UV As Left	HOU: rature: UV Mete	STON 69°F er No Adju Requ	TX Humid.: ustment o uired	77092 43% r Repair
UV As Found uW/sq.cm	P & B Testing DLM- U uW/sq.cm	g 1000 "B" S V Meter A uW/sq.cm	ensor s Receive	645 W Tidwo	Tempe UV As Left uW/sq.cm	HOUS rature: UV Mete	69°F er No Adju Requ uW/sq.cm	TX Humid.: ustment o uired	77092 43% r Repair
UV As Found uW/sq.cm Ideal 0 780	P & B Testing DLM- U uW/sq.cm Actual 0 790	uW/sq.cm Difference 0	ensor s Receive % Diff.	ed Tolerance In In	Tempe UV As Left uW/sq.cm Ideal 0 780	HOUS rature: UV Mete uW/sq.cm Actual 0 790	69°F er No Adju Requ uW/sq.cm Difference 0	TX Humid.: ustment ouired % Diff.	77092 43% r Repair Tolerance In In
UV As Found uW/sq.cm Ideal 0 780 2650	P & B Testing DLM- U uW/sq.cm Actual 0 790 2650	uW/sq.cm Difference 0 10	ensor s Receive % Diff.	ed Tolerance In In In	Tempe UV As Left uW/sq.cm Ideal 0 780 2650	rature: UV Mete uW/sq.cm Actual 0 790 2650	69°F er No Adju Requ uW/sq.cm Difference 0 10	TX Humid.: ustment ouired % Diff. 1.3% 0.0%	77092 43% r Repair Tolerance In In In
UV As Found uW/sq.cm Ideal 0 780 2650 4560	DLM- U uW/sq.cm Actual 0 790 2650 4460	uW/sq.cm Difference 0 10 0 -100	ensor s Receive % Diff. 1.3% 0.0% -2.2%	ed Tolerance In In	Tempe UV As Left uW/sq.cm Ideal 0 780 2650 4560	HOUS rature: UV Mete uW/sq.cm Actual 0 790 2650 4460	69°F er No Adju Requ uW/sq.cm Difference 0 10 0 -100	TX Humid.: ustment ouired % Diff. 1.3% 0.0% -2.2%	77092 43% r Repair Tolerance In In
UV As Found uW/sq.cm Ideal 0 780 2650 4560	DLM- U uW/sq.cm Actual 0 790 2650 4460 m Deviation	0 UW/sq.cm Difference 0 10 0 -100	ensor s Receive % Diff. 1.3% 0.0% -2.2% -2.2%	ed Tolerance In In In	Tempe UV As Left uW/sq.cm Ideal 0 780 2650 4560	rature: UV Mete uW/sq.cm Actual 0 790 2650	69°F er No Adju Requ uW/sq.cm Difference 0 10 0 -100	TX Humid.: ustment ouired % Diff. 1.3% 0.0%	77092 43% r Repair Tolerance In In In
UV As Found uW/sq.cm Ideal 0 780 2650 4560 Maximu	DLM- U uW/sq.cm Actual 0 790 2650 4460 m Deviation DLM-	9 1000 "B" S V Meter A uW/sq.cm Difference 0 10 0 -100 -100 1000 "C" S	ensor s Receive % Diff. 1.3% 0.0% -2.2% -2.2% ensor	Tolerance In In In	Tempe UV As Left uW/sq.cm Ideal 0 780 2650 4560 Maximu	rature: UV Mete uW/sq.cm Actual 0 790 2650 4460 m Deviation	69°F er No Adju Requ uW/sq.cm Difference 0 10 0 -100	TX Humid.: ustment ouired % Diff. 1.3% 0.0% -2.2% -2.2%	77092 43% r Repair Tolerance In In In In
UV As Found uW/sq.cm Ideal 0 780 2650 4560	DLM- U uW/sq.cm Actual 0 790 2650 4460 m Deviation DLM-	0 UW/sq.cm Difference 0 10 0 -100	ensor s Receive % Diff. 1.3% 0.0% -2.2% -2.2% ensor	Tolerance In In In	Tempe UV As Left uW/sq.cm Ideal 0 780 2650 4560	rature: UV Mete uW/sq.cm Actual 0 790 2650 4460 m Deviation	69°F er No Adju Requ uW/sq.cm Difference 0 10 0 -100	TX Humid.: ustment ouired % Diff. 1.3% 0.0% -2.2% -2.2%	77092 43% r Repair Tolerance In In In In
UV As Found uW/sq.cm Ideal 0 780 2650 4560 Maximu	DLM- U uW/sq.cm Actual 0 790 2650 4460 m Deviation DLM-	9 1000 "B" S V Meter A uW/sq.cm Difference 0 10 0 -100 -100 1000 "C" S	ensor s Receive % Diff. 1.3% 0.0% -2.2% -2.2% ensor	Tolerance In In In	Tempe UV As Left uW/sq.cm Ideal 0 780 2650 4560 Maximu	rature: UV Mete uW/sq.cm Actual 0 790 2650 4460 m Deviation	69°F er No Adju Requ uW/sq.cm Difference 0 10 0 -100 -100	TX Humid.: ustment ouired % Diff. 1.3% 0.0% -2.2% -2.2%	77092 43% r Repair Tolerance In In In In
UV As Found uW/sq.cm Ideal 0 780 2650 4560 Maximu WL As Found Foot	DLM- Uw/sq.cm Actual 0 790 2650 4460 DLM- White	uW/sq.cm Difference 0 10 0 -100 -100 1000 "C" S Light Met	ensor s Receive % Diff. 1.3% 0.0% -2.2% -2.2% ensor ter As Receive	Tolerance In In In	Tempe UV As Left uW/sq.cm Ideal 0 780 2650 4560 Maximu WL As Left Foot	rature: UV Mete uW/sq.cm Actual 0 790 2650 4460 m Deviation White Li	69°F er No Adju Requ uW/sq.cm Difference 0 10 0 -100 -100 ght Meter or Repair Foot	Humid.: ustment ouired % Diff. 1.3% 0.0% -2.2% -2.2%No Adj	77092 43% r Repair Tolerance In In In In In
UV As Found uW/sq.cm Ideal 0 780 2650 4560 Maximu WL As Found Foot Candles	P & B Testing DLM- U uW/sq.cm Actual 0 790 2650 4460 m Deviation DLM- White Foot Candles	uW/sq.cm Difference 0 100 -100 -100 1000 "C" S Light Met	ensor s Receive % Diff. 1.3% 0.0% -2.2% -2.2% ensor ter As Receive	Tolerance In In In	Tempe UV As Left uW/sq.cm Ideal 0 780 2650 4560 Maximu WL As Left Foot Candles	rature: UV Mete uW/sq.cm Actual 0 790 2650 4460 m Deviation White Li Foot Candles	69°F er No Adju Requ uW/sq.cm Difference 0 10 0 -100 -100 ght Meter or Repair Foot Candles	Humid.: ustment ouired % Diff. 1.3% 0.0% -2.2% -2.2%No Adj	77092 43% r Repair Tolerance In In In In In
UV As Found uW/sq.cm Ideal 0 780 2650 4560 Maximu WL As Found Foot Candles Ideal 0.0 5.0	DLM- Uw/sq.cm Actual 0 790 2650 4460 DLM- White Foot Candles Actual 0.0 5.0	UW/sq.cm Difference 0 100 -100 -100 -100 SLight Met Candles Difference 0.0	ensor s Receive % Diff. 1.3% 0.0% -2.2% -2.2% ensor ter As Rec % Diff. 0.0%	Tolerance In In In In In In In In In	Tempe UV As Left uW/sq.cm Ideal 0 780 2650 4560 Maximu WL As Left Foot Candles Ideal 0.0 5.0	rature: UV Mete uW/sq.cm Actual 0 790 2650 4460 m Deviation White Li Foot Candles Actual 0.0 5.0	STON 69°F er No Adju Requ uW/sq.cm Difference 0 10 0 -100 -100 ght Meter or Repair Foot Candles Difference 0.0 0.0	TX Humid.: ustment ouired % Diff. 1.3% 0.0% -2.2% -2.2% No Adj Required % Diff. 0.0%	77092 43% r Repair Tolerance In In In In Tolerance Tolerance
UV As Found uW/sq.cm Ideal 0 780 2650 4560 Maximu WL As Found Foot Candles Ideal 0.0	DLM- Uw/sq.cm Actual 0 790 2650 4460 DLM- White Foot Candles Actual 0.0	uW/sq.cm Difference 0 1000 "C" S Light Met Foot Candles Difference 0.0	% Diff. 1.3% 0.0% -2.2% ensor ter As Rec	Tolerance In In In In In In In	Tempe UV As Left uW/sq.cm Ideal 0 780 2650 4560 Maximu WL As Left Foot Candles Ideal 0.0	rature: UV Mete uW/sq.cm Actual 0 790 2650 4460 m Deviation White Li Foot Candles Actual 0.0	69°F er No Adju Requ uW/sq.cm Difference 0 10 0 -100 -100 ght Meter or Repair Foot Candles Difference 0.0	TX Humid.: ustment of the control of	77092 43% r Repair Tolerance In In In In In In In

Notes: Both Sensors AS FOUND AS LEFT <5%, Adjustment not required See recommendations on reverse side of this document for further results/ concerns

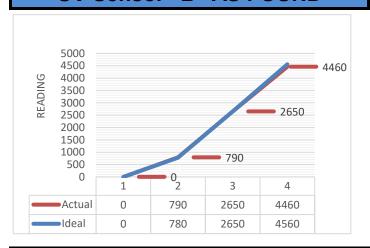
Maximum Deviation

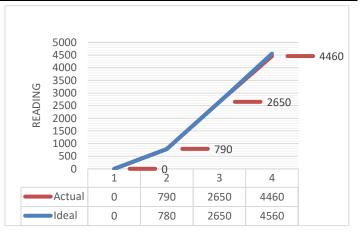
0.0%

P & B Testing

UV Sensor "B" AS FOUND

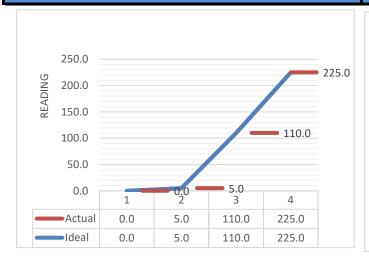
UV Sensor "B" AS LEFT

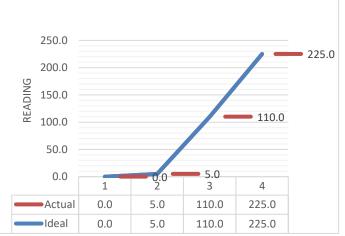




White Light "C" Sensor AS FOUND

White Light "C" Sensor AS LEFT





Notes: "C" Sensor is recommended for replacement at owners discretion- At certain periods during the evaluation the readings fluctuated quite a bit when the cord was moved a certain way- cord may have an internal short as visual inspection showed no signs

This performance evaluation was done in accordance with ASTM-E-1444, ASTM E-709, and Hocker Incorporated procedure CP-LTMT- Rev 0. Test equipment used to perform this evaluation are traceable to the National Institute of Standards and Technology. NIST numbers listed in this document and supporting documentation is on file.

In Conformance with 10CFR21, ANSI/NCSL 2540.3-2006 & ISO10012.

Technician Signature:

Derrick Schumann

F-LTMT-Rev 0 5/1/2018

Technician Performing Evaluation:

Derrick Schumann

Date 07/13/2020

Approval Signature:

Approved By:

/Jacob Hocker

An ISO 9001:2015 Registered Company

Date Calculator

Todays Date 7/10/2020

Add Days 180

Calculated Date 1/6/2021

..\Master Customer H File.xlsx

P & B Testing_07132020_20-0971

Displayed Customer Notes

0

Light Meter Procedures

..\Cal. Equip Procedures\UV White Light Cal Procedure.docx

Customer Documents

0

Internal Notes

0

Equipment Certs.

..\Cal Equip Certs

Intermediate Calibration Due	Last Intermed.
1/0/1900	1/0/1900
#N/A	#N/A
#N/A	#N/A

LUX CALCULATOR				
ENTER FC READINGS	LUX READINGS			
3.0	32.3			
100.0	1076.0			
210.0	2259.6			
250.0	2690.0			
300.0	3228.0			