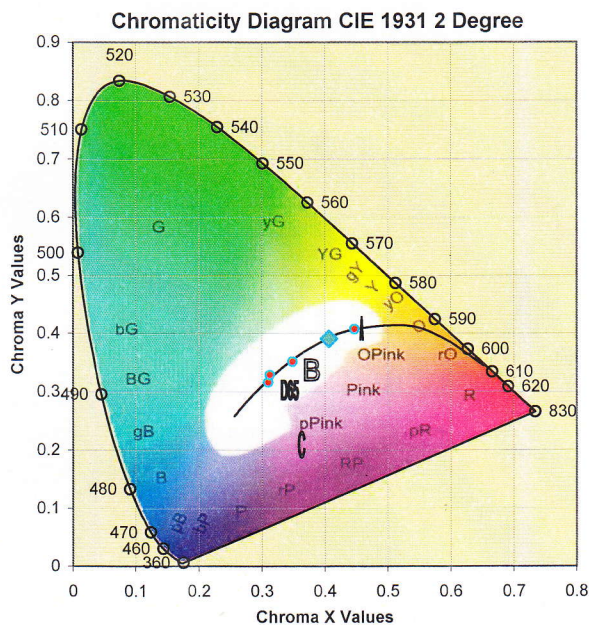


BALLABS CERTIFIED TEST REPORT NO.: 20685.0 A DATE 12/13/18  
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO  
DESCRIPTION: 1 BRIDGELUX V13 LED 4"RND RECESSED CAST HOUSING DOWNLIGHT  
OPEN SEMI-SPEC SPUN ALUMINUM REFLECTOR (WIDE)  
ADVANCE #XI025C070V054DSM5 @ 490mA  
CATALOG NBR: 4DR-TL-L20/835-DIM1-UNV-OW (V2B) -OF-CS  
LAMP TYPE : V13 BXRE-35E2000

INPUT VOLTAGE (V)	120.01
INPUT CURRENT (A)	0.1686
INPUT WATTS (W)	19.8520
POWER FACTOR	0.9812
THDv (%)	0.159
THDi (%)	9.499
LUMINOUS EFFICACY-LPW	101.0
LUMINOUS FLUX- LUMENS	2005
CHROMA x	0.4067
CHROMA y	0.3909
CHROMA u	0.2365
CHROMA v	0.5116
DELTA uv (Duv)	-0.0002
CORR COLOR TEMP (K)	3472
COLOR REND INDEX (RA)	83.08
COLOR REND INDEX (R9)	10.7

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.1200	610	36.1434
360	0.1317	620	33.6927
370	0.1187	630	29.9468
380	0.1238	640	25.4519
390	0.1427	650	20.8672
400	0.2171	660	16.5328
410	0.5555	670	12.8268
420	1.9126	680	9.7112
430	5.6760	690	7.2742
440	14.7697	700	5.3938
450	30.2491	710	3.9484
460	16.6004	720	2.9132
470	10.5800	730	2.1269
480	8.5629	740	1.5366
490	10.9430	750	1.1254
500	15.1287	760	0.8376
510	18.4569	770	0.6024
520	20.8628	780	0.4460
530	22.7605	790	0.3416
540	24.7398	800	0.2511
550	26.8620	810	0.1901
560	29.4373	820	0.1423
570	31.9209	830	0.1185
580	34.3254	840	0.0933
590	36.1330	850	0.0658
600	37.0794		

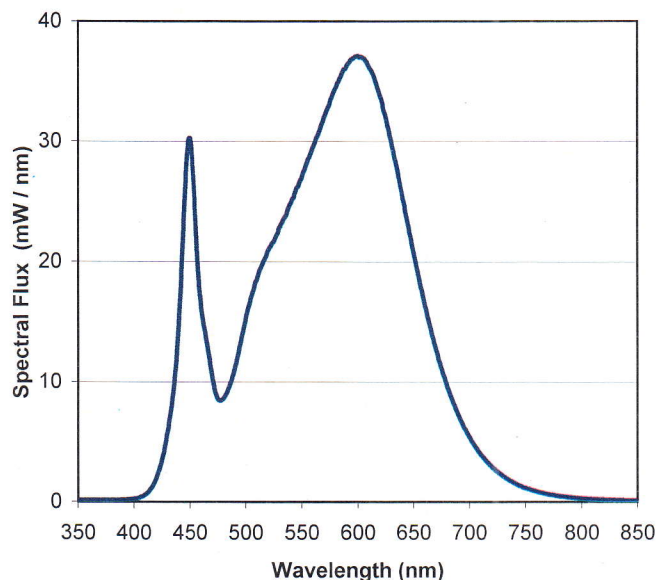


Data collected per LM79-08 using a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



NVLAP LAB CODE 200921-0

*[Signature]*  
Kelly C. Lerbs  
Vice President



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