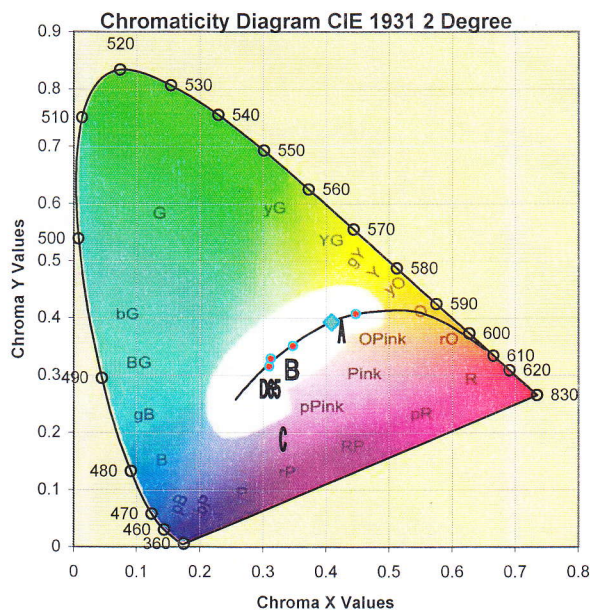


BALLABS CERTIFIED TEST REPORT NO.: 20341.0 A DATE 04/24/18
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: GEN7 V18 LED 4" TALL HEATSINK 4" SQ FORMED HOUSING DOWNLIGHT
ACRYLIC MED TIR OPTIC & 4" CAST SHALLOW WHITE FLUSH TRIM
w/SOLITE LENS ADVANCE #XI050C140V054DSM5 @ 1125mA
CATALOG NBR: 4PS-L40/835-DIM-UNV-L-M-OF-WH
LAMP TYPE : BXRE-35E4000

INPUT VOLTAGE (V)	119.96
INPUT CURRENT (A)	0.3739
INPUT WATTS (W)	44.6960
POWER FACTOR	0.9966
THD _v (%)	0.165
THD _i (%)	5.588
LUMINOUS EFFICACY-LPW	95.3
LUMINOUS FLUX- LUMENS	4261
CHROMA x	0.4093
CHROMA y	0.3929
CHROMA u	0.2374
CHROMA v	0.5128
DELTA uv (Duv)	0.0001
CORR COLOR TEMP (K)	3431
COLOR REND INDEX (RA)	82.78
COLOR REND INDEX (R9)	9.2

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.2085	610	77.3628
360	0.2536	620	71.7978
370	0.3098	630	63.5637
380	0.2989	640	54.4636
390	0.2915	650	44.7264
400	0.3913	660	35.8729
410	1.0331	670	27.9196
420	3.3161	680	21.3429
430	9.9496	690	16.1010
440	24.4886	700	11.9971
450	58.2125	710	8.9021
460	41.0546	720	6.5883
470	26.8778	730	4.8008
480	19.7499	740	3.4924
490	23.1363	750	2.6057
500	30.6302	760	1.9515
510	37.8120	770	1.4551
520	43.1517	780	1.0859
530	47.5308	790	0.8090
540	52.1182	800	0.6155
550	57.1662	810	0.4587
560	62.4450	820	0.3622
570	68.2486	830	0.2938
580	73.6736	840	0.2157
590	77.9355	850	0.1787
600	79.4525		

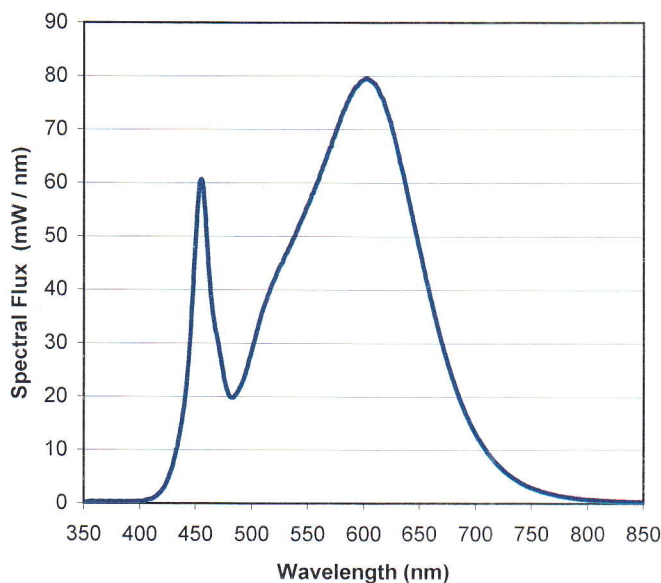


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



NVLAP LAB CODE 200921-0

Kelly C. Lerbs
Kelly C. Lerbs
Vice President



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