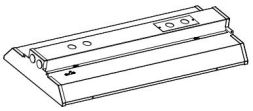
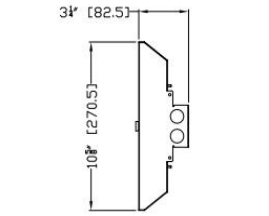
KHBL1124-150W-3CCT

1.General information

Model#:	KHBL1124-150W-3CCT	
Product series:	LED Highbay	
Product description:	24”x3-1/4”x10-5/8” LED Highbay, White steel base, frosted PC diffuser, 150W, CRI 80, 3000K/4000K/5000K switchable, 120-277V 0-10V dimmable	
Size:	24”x3-1/4”x10-5/8”	
Input Voltage:	120-277V	
Input Current:	0.125A-0.54A	
Rated power input:	150W	
Rated Power factor:	>0.95	
THD:	<20%	
Ra:	Ra≥80	
CCT:	3000K/4000K/5000K	
Delivered lumen:	16500LM	
Luminaire efficacy:	>110LM/W	
IP Rated:	IP20	
life hour:	50000hrs	
Dimmable:	0-10V	
Certificate:	ETL & CETL	
Range of application:	Suitable for retail stores, warehouses, gymnasiums, factories, foundries, machine shops, grocery stores and malls.	
Body color:	White	
Body material:	Steel	
Lens color:	Frosted	
Lens material:	PC	

2、Package information

Inner box size (inch):	N/A	Qty/inner box:	N/A
Foam size:	N/A	Foam qty:	N/A
Master box size (inch):	25"X11.30"X3.94	Qty/master box:	1pcs
CBM:	0.018m³	Qty of 40FCL:	3072pcs
Net weight:	KG	Gross weight:	KG

Remark:

1.The color temperture is optional,can meet the different color temperture base on different application.

2.Brand of LED chip is optional.

Lightsource Test Report

Product Infomation

Product Type: KHBL1124-150W-3CCT Product Number: 12

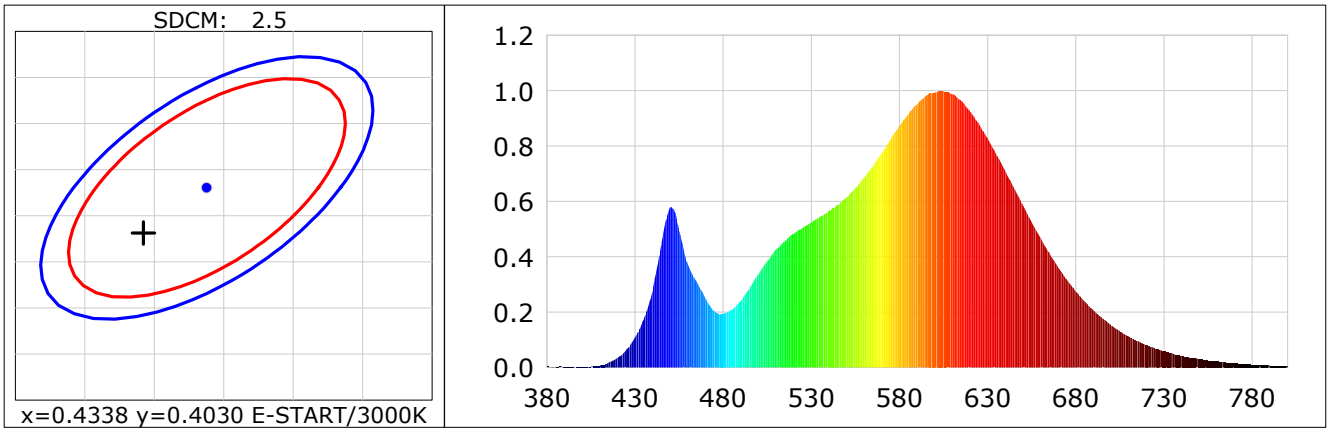
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4292 y=0.3981 u(u')=0.2481 v=0.3452 v'=0.5179
CCT: Tc=3085K (duv=-0.00130) Color Ratio: R=0.226 G=0.748 B=0.027
Peak Wavelength: 603.6nm Half Bandwidth: 133.3nm
Dominant Wavelength: 602.3nm Color Purity: 0.483
CRI: Ra= 83.5 TM30: Rf= 83, Rg= 97

R1 =82	R2 =91	R3 =97	R4 =82	R5 =83	R6 =90	R7 =82	R8 =61
R9 =10	R10=80	R11=82	R12=74	R13=84	R14=99	R15=75	

Color Quality Scale: Qa= 82.9, Qf= 84.1, Qp= 84.7, Qg= 92.8

Q1 =79	Q2 =96	Q3 =83	Q4 =81	Q5 =84	Q6 =85	Q7 =84	Q8 =86
Q9 =96	Q10=89	Q11=86	Q12=84	Q13=83	Q14=73	Q15=75	



Photometric Parameters

Luminous Flux: 14254.22 lm Efficiency: 95.99 lm/W Radiant Power: 43.655 W
EEI: 0.14 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 118.90V Current: 1.2550A Power: 148.50W
Power Factor: 0.9940 Frequency: 60.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44224 (2818)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 81.66 ms

Condition: Tx:28.8'C, Ti:27.2'C, R.H.:60% Test Device: Inventfine CMS-2S
Test Lab: Test Time: 2021-06-30 13:59:31
Operator: Inspector:

Lightsource Test Report

Product Infomation

Product Type: KHBL1124-150W-3CCT Product Number: 11

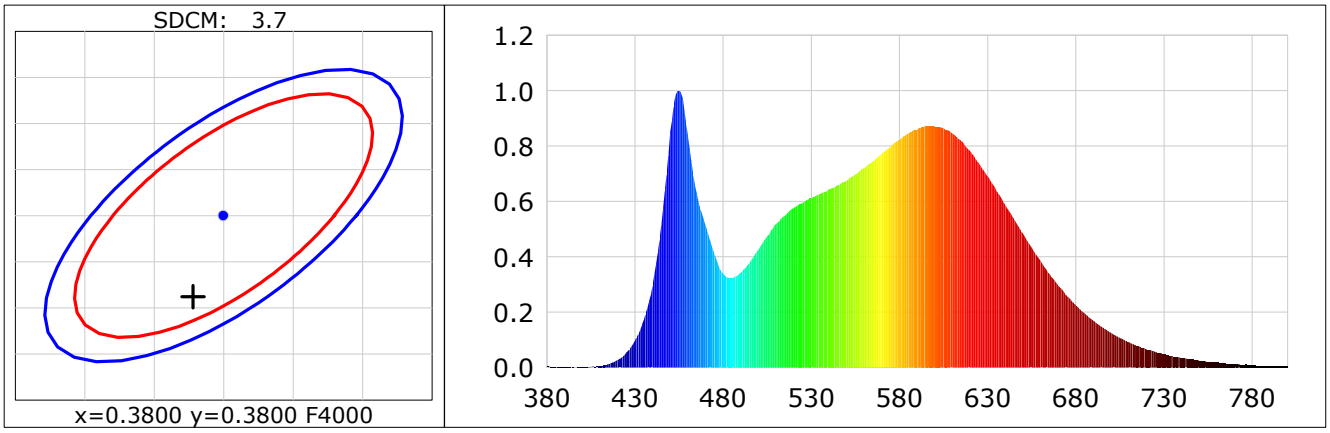
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3778 y=0.3712 u(u')=0.2256 v=0.3325 v'=0.4987
CCT: Tc=4032K (duv=-0.00186) Color Ratio: R=0.189 G=0.769 B=0.042
Peak Wavelength: 454.7nm Half Bandwidth: 26.1nm
Dominant Wavelength: 580.1nm Color Purity: 0.248
CRI: Ra= 86.6 TM30: Rf= 83, Rg= 95

R1 =86	R2 =94	R3 =96	R4 =84	R5 =86	R6 =91	R7 =86	R8 =69
R9 =25	R10=85	R11=84	R12=67	R13=89	R14=99	R15=81	

Color Quality Scale: Qa= 85.1, Qf= 85.3, Qp= 84.8, Qg= 93.4

Q1 =83	Q2 =97	Q3 =83	Q4 =78	Q5 =82	Q6 =85	Q7 =88	Q8 =90
Q9 =98	Q10=92	Q11=88	Q12=87	Q13=86	Q14=77	Q15=80	



Photometric Parameters

Luminous Flux: 15945.69 lm Efficiency: 113.90 lm/W Radiant Power: 49.903 W
EEI: 0.12 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 118.90V Current: 1.1840A Power: 140.00W
Power Factor: 0.9940 Frequency: 60.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44549 (2820)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 81.66 ms

Condition: Tx:28.8'C, Ti:27.2'C, R.H.:60% Test Device: Inventfine CMS-2S
Test Lab: Test Time: 2021-06-30 13:59:01
Operator: Inspector:

Lightsource Test Report

Product Infomation

Product Type: KHBL1124-150W-3CCT Product Number: 10

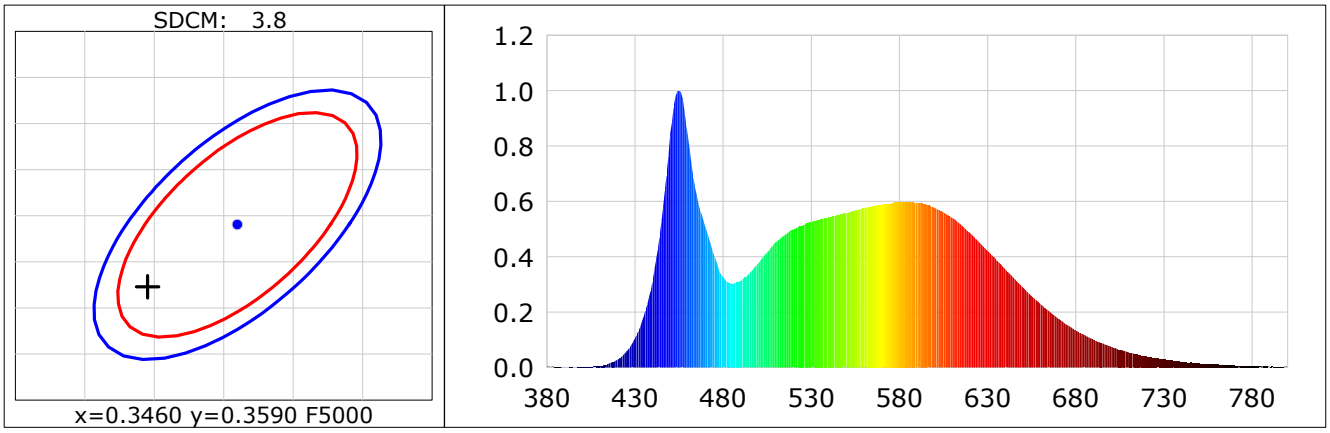
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3395 y=0.3523 u(u')=0.2074 v=0.3228 v'=0.4842
CCT: Tc=5220K (duv=0.00262) Color Ratio: R=0.156 G=0.792 B=0.052
Peak Wavelength: 454.8nm Half Bandwidth: 25.9nm
Dominant Wavelength: 565.9nm Color Purity: 0.076
CRI: Ra= 86.9 TM30: Rf= 81, Rg= 92

R1 =86	R2 =90	R3 =90	R4 =89	R5 =85	R6 =83	R7 =93	R8 =79
R9 =32	R10=72	R11=88	R12=54	R13=87	R14=94	R15=84	

Color Quality Scale: Qa= 83.1, Qf= 83.3, Qp= 81.7, Qg= 91.2

Q1 =83	Q2 =97	Q3 =82	Q4 =73	Q5 =77	Q6 =79	Q7 =86	Q8 =92
Q9 =97	Q10=91	Q11=86	Q12=84	Q13=84	Q14=78	Q15=80	



Photometric Parameters

Luminous Flux: 15147.70 lm Efficiency: 102.56 lm/W Radiant Power: 47.934 W
EEI: 0.13 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 118.90V Current: 1.2480A Power: 147.70W
Power Factor: 0.9940 Frequency: 60.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 46409 (2822)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 81.66 ms

Condition: Tx:28.8'C, Ti:27.2'C, R.H.:60% Test Device: Inventfine CMS-2S
Test Lab: Test Time: 2021-06-30 13:58:26
Operator: Inspector: