

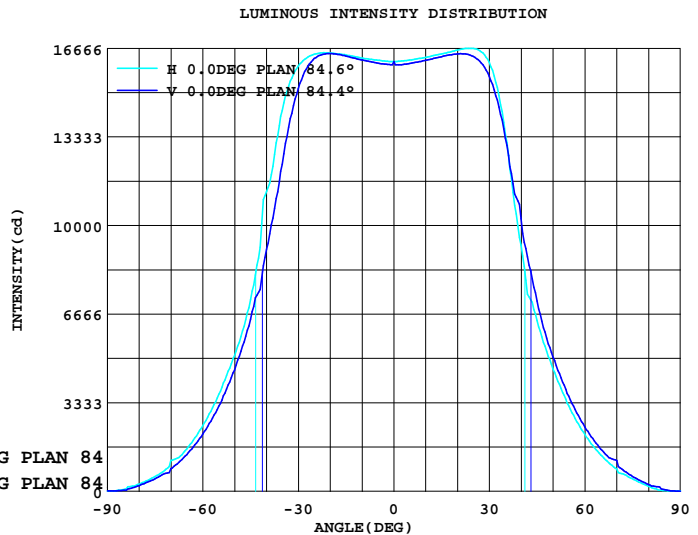
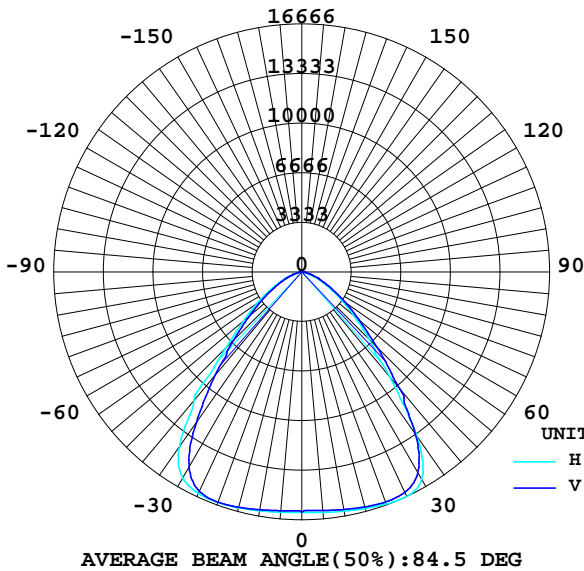
# LED High Bay Light

## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:	Address:	
NAME: LED工矿灯	TYPE:	WEIGHT:
SPECIFICATION:200W	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	198	Imax(cd):	16666	Voltage(V)	218.1
RATED VOLTAGE(V):	218	AVAILABILITY(%):	94.3	Current(A)	0.917
NOMINAL FLUX(lm):	32739	Avai. FLUX(lm):	30866	Power(W)	198.8
TEST FLUX(lm):	32739	EFFICIENCY(%):	100.0	Power Factor(PF)	0.994
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	32739	EFFICIENCY(lm/W)	164.6
Effective Flux(lm) :	30865.8	$\theta$ @50%(H, V):	84.6,69.8DEG	EEl:	0.088



Test System:HOPPO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

Color Temperature Data List

Report number:

MANUFACTURER:	Address:	
NAME: LED工矿灯	TYPE:	WEIGHT:
SPECIFICATION:200W	DIMENSION:	SERIAL No.:

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Test System:HOPPO HPG1600  
Temperature:25.3DEG  
Operators:  
Test Date:2019年10月22日

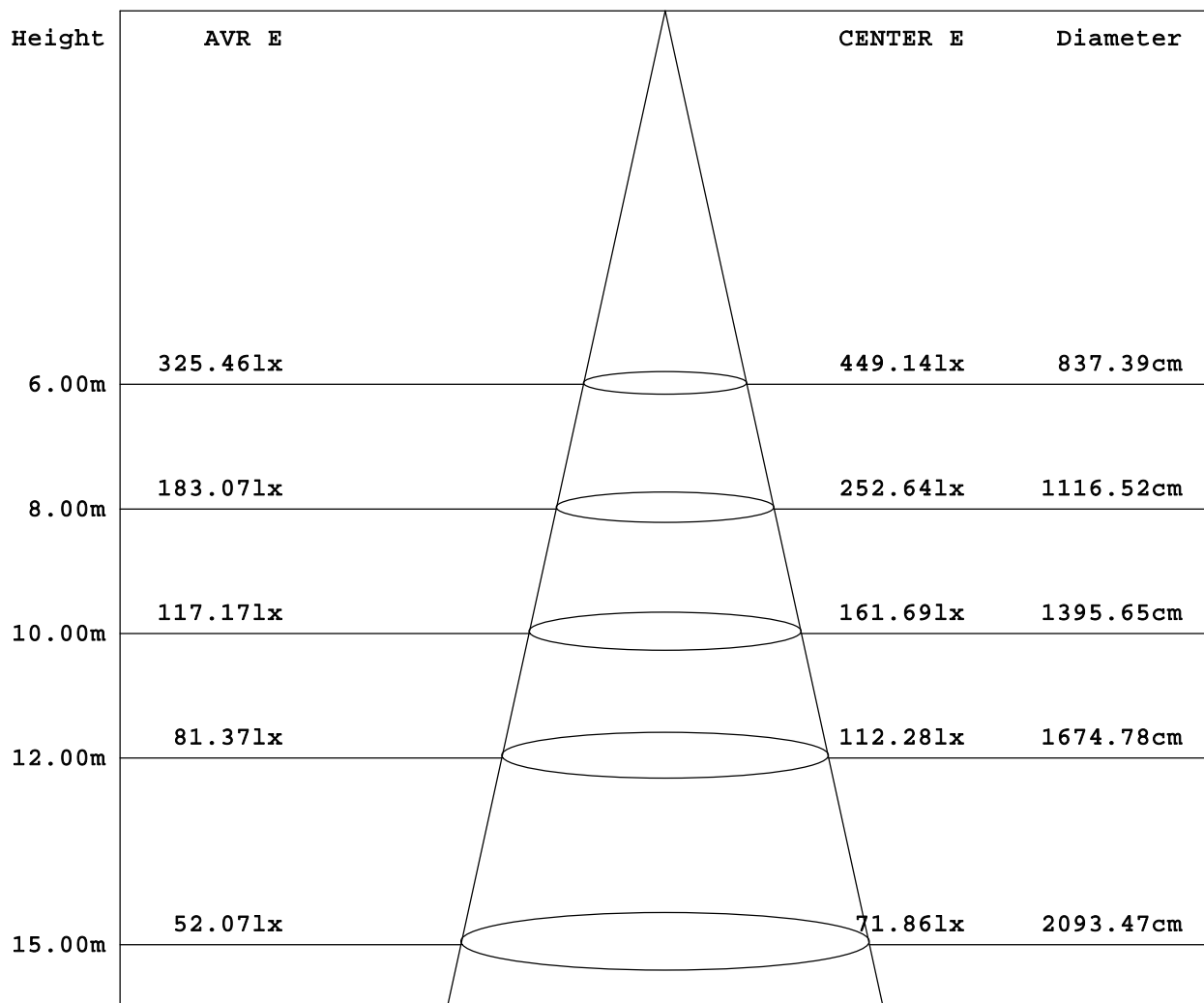
Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.200 m  
Remarks:

# LED High Bay Light

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LED工矿灯	TYPE:	WEIGHT:
SPECIFICATION:200W	DIMENSION:	SERIAL No.:



Angle: 69.8deg

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:	
NAME: LED工矿灯	TYPE:	WEIGHT:
SPECIFICATION:200W	DIMENSION:	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.04	0.20	0.46	0.99	1.72	2.30	2.69	2.85	2.95	2.75	2.26	1.80	1.25	0.75	0.31	0.14	0.10	0.04	23.6	0.00
90	0.04	0.20	0.46	0.99	1.72	2.30	2.69	2.85	2.95	2.75	2.26	1.80	1.25	0.75	0.31	0.14	0.10	0.04	23.6	0.00
80	0.06	0.47	1.92	4.48	8.12	11.5	14.7	17.1	17.9	17.3	15.3	12.2	8.90	5.57	2.62	0.76	0.16	0.04	140	0.00
70	0.09	1.09	4.20	9.58	18.0	28.6	38.8	46.5	50.2	48.7	42.5	33.3	23.4	14.1	7.05	2.53	0.41	0.04	370	111
60	0.14	1.93	7.01	16.9	33.9	57.0	79.9	98.6	109	107	90.9	68.1	47.1	27.7	13.2	5.04	0.93	0.06	765	661
50	0.21	2.74	9.98	25.9	54.1	98.1	147	194	220	213	177	127	83.9	46.0	21.5	7.75	1.70	0.08	1429	1365
40	0.29	3.50	13.5	37.5	80.1	155	258	351	397	390	329	225	132	68.6	30.6	10.7	2.50	0.11	2486	2441
30	0.34	4.09	17.5	49.9	113	239	386	464	492	491	458	352	195	92.6	39.6	13.7	3.18	0.15	3410	3374
20	0.38	4.54	20.4	59.6	142	313	439	483	496	496	483	427	258	115	48.4	16.4	3.64	0.19	3807	3776
10	0.40	4.81	21.8	64.6	161	347	451	482	491	489	481	450	311	135	55.6	18.2	3.88	0.21	3969	3940
0	0.40	4.81	21.7	64.3	163	344	448	479	489	492	484	455	319	137	56.2	18.3	3.88	0.21	3980	3951
-10	0.38	4.53	20.3	58.4	144	308	435	480	496	498	486	434	269	118	49.9	16.7	3.63	0.19	3821	3790
-20	0.34	4.03	17.5	48.8	113	227	370	455	486	486	451	346	192	92.4	40.5	14.1	3.14	0.16	3348	3311
-30	0.30	3.40	14.0	37.8	81.5	148	240	326	369	363	305	211	124	64.8	30.0	11.0	2.47	0.12	2332	2285
-40	0.23	2.67	10.0	26.8	53.6	90.2	132	173	197	192	161	120	76.5	42.2	20.4	7.63	1.71	0.08	1309	1241
-50	0.14	1.92	6.93	16.8	31.8	50.3	69.6	86.0	96.9	94.6	81.0	64.2	42.7	24.9	12.3	4.91	1.03	0.06	687	568
-60	0.09	1.19	4.28	9.55	16.4	25.0	33.0	38.8	42.6	41.8	36.4	29.3	20.4	12.3	6.70	2.57	0.44	0.04	321	51.5
-70	0.05	0.49	1.90	4.25	6.84	9.99	12.2	12.8	14.2	13.8	11.7	10.2	7.50	4.52	2.32	0.75	0.14	0.03	114	0.00
-80	0.03	0.17	0.47	0.88	1.37	1.85	2.12	2.11	2.17	1.99	1.59	1.29	0.91	0.51	0.33	0.19	0.08	0.03	18.1	0.00
-90	0.03	0.17	0.47	0.88	1.37	1.85	2.12	2.11	2.17	1.99	1.59	1.29	0.91	0.51	0.33	0.19	0.08	0.03	18.1	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	3.90	46.6	194	538	1224	2456	3559	4192	4469	4439	4098	3367	2115	1003	438	152	33.0	1.83	32739	
Φ a	0.00	0.00	58.2	433	1130	2367	3471	4105	4385	4352	4011	3278	2022	904	326	22.8	0.00	0.00		30866

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

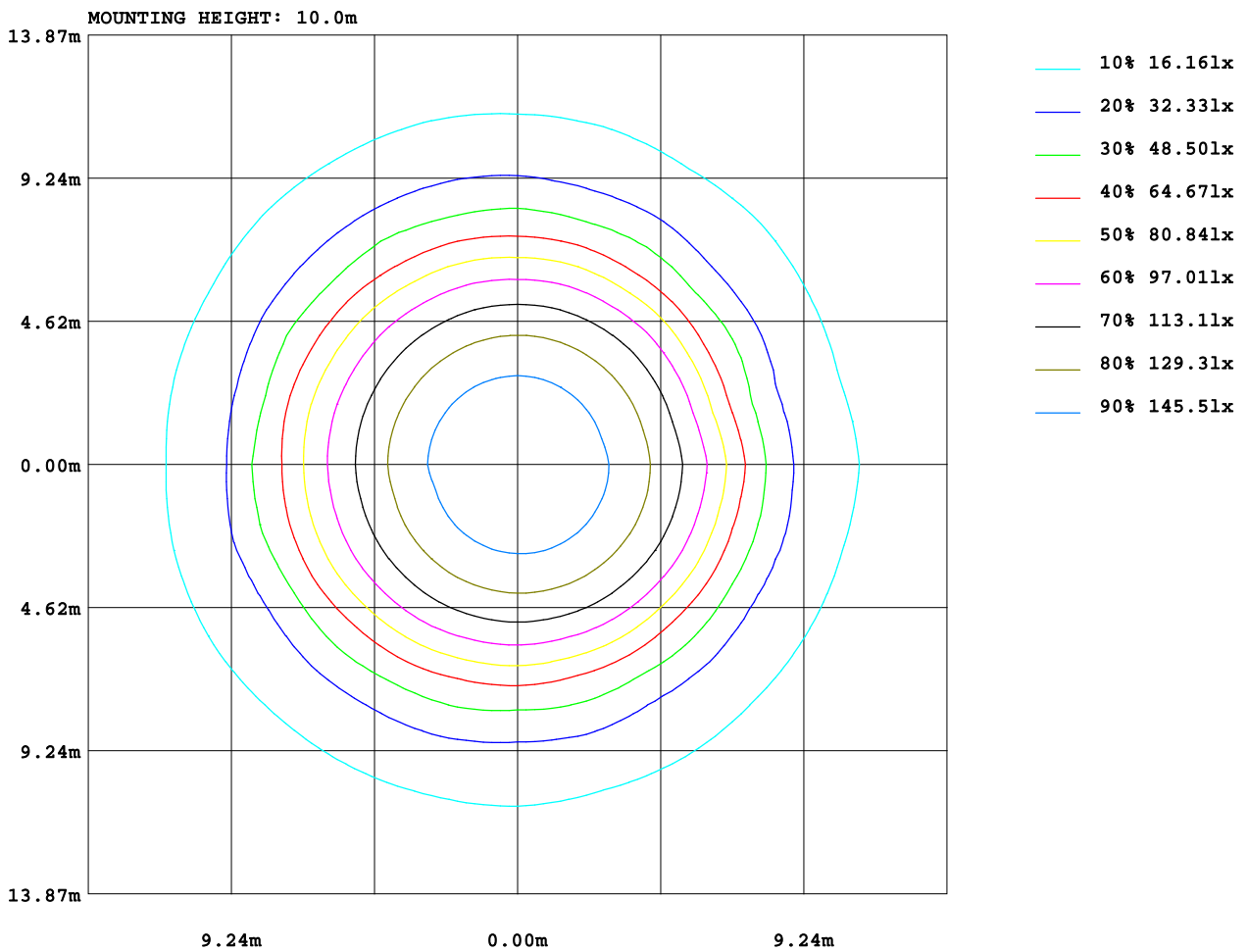
Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED工矿灯	TYPE:	WEIGHT:
SPECIFICATION:200W	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

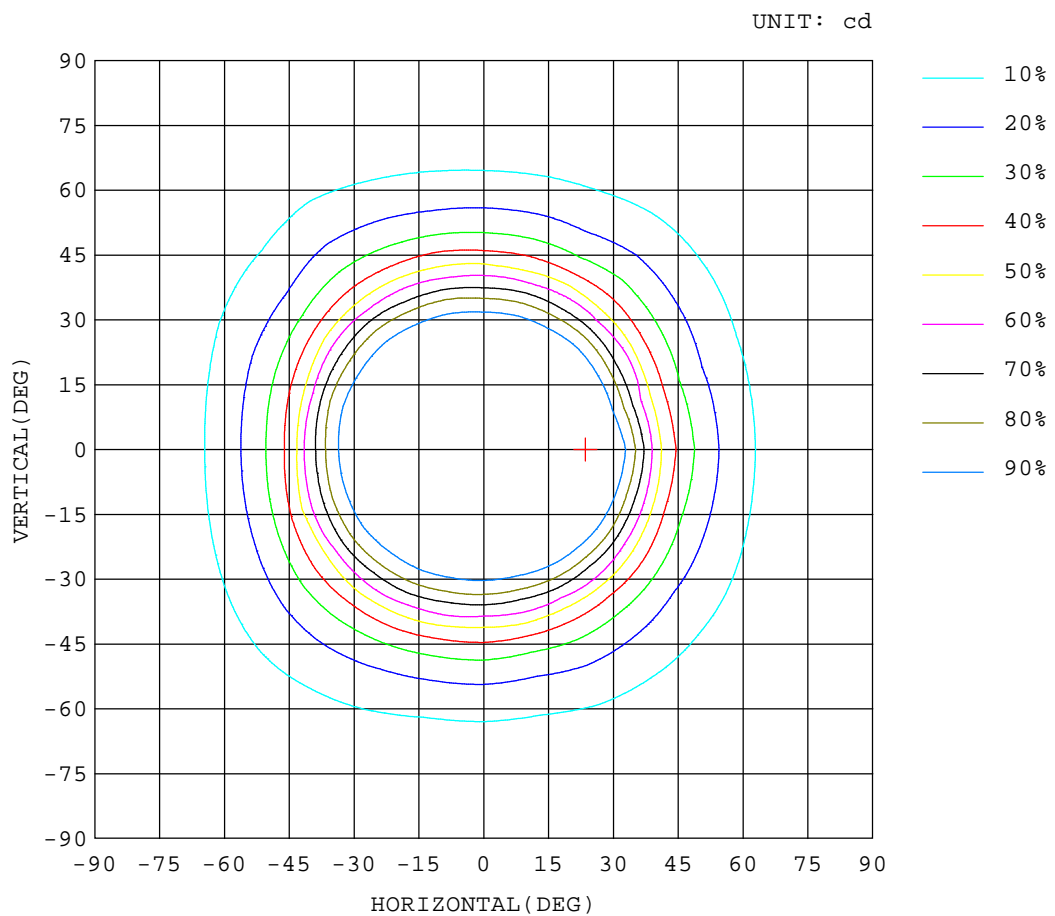
Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## ISOCANDELA DIAGRAM

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: LED工矿灯</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:200W</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>



Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

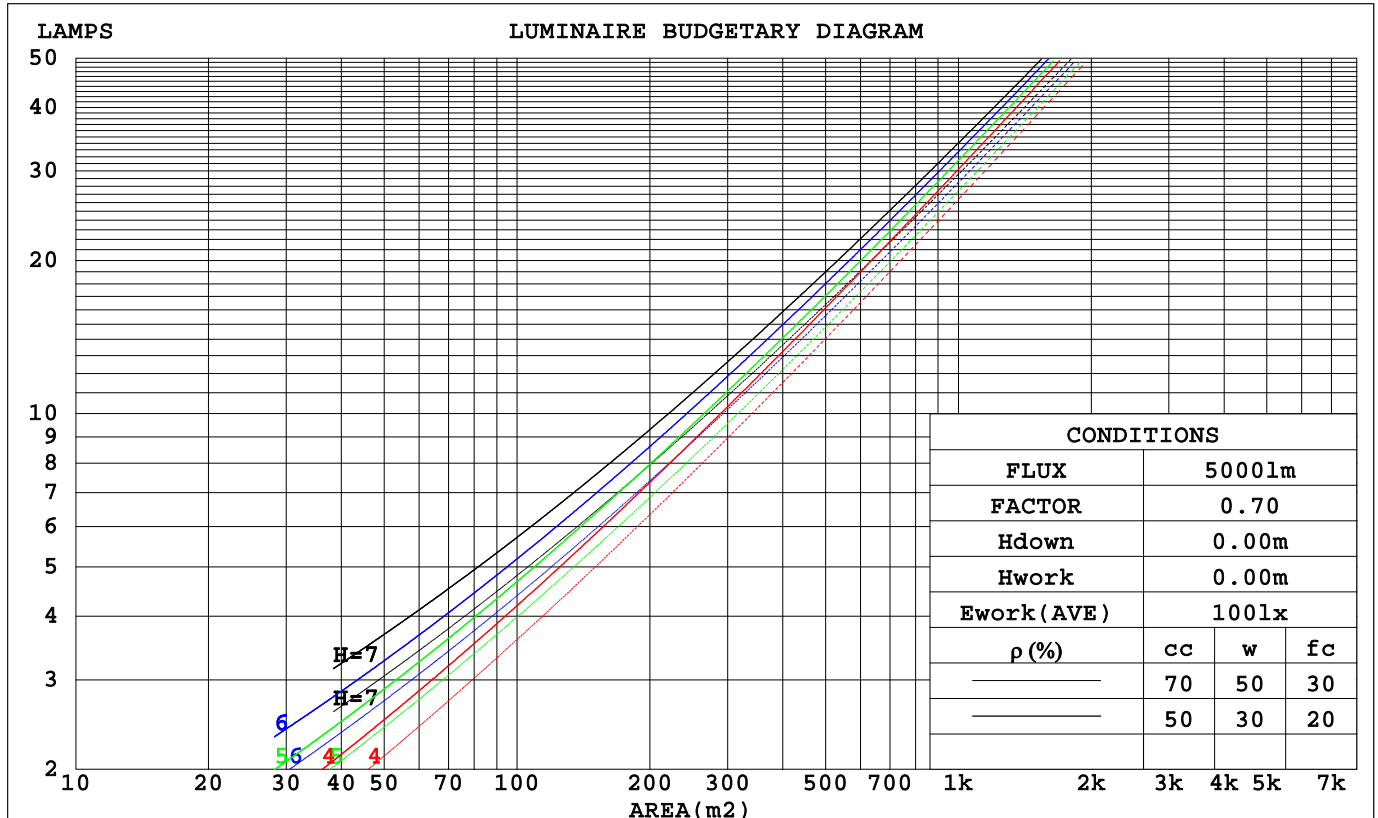
# LED High Bay Light

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:				Address:							
NAME: LED工矿灯				TYPE:				WEIGHT:			
SPECIFICATION:200W				DIMENSION:				SERIAL No.:			

$\rho_{cc}$	80%			70%			50%			30%			10%			0														
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
$\rho_{fc}$	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Coefficients of Utilization(CU)														
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99														
1.0	1.08	1.04	1.01	1.05	1.02	.90	1.01	.99	.96	.97	.95	.93	.93	.92	.90	.88														
2.0	.97	.92	.87	.95	.90	.86	.92	.87	.84	.88	.85	.82	.85	.82	.80	.78														
3.0	.88	.81	.76	.86	.80	.75	.83	.78	.74	.80	.76	.72	.78	.74	.71	.69														
4.0	.79	.72	.67	.78	.71	.66	.76	.70	.65	.73	.68	.64	.71	.67	.63	.62														
5.0	.72	.65	.59	.71	.64	.59	.69	.63	.58	.67	.62	.58	.65	.61	.57	.55														
6.0	.66	.59	.53	.65	.58	.53	.63	.57	.52	.62	.56	.52	.60	.55	.51	.49														
7.0	.61	.53	.48	.60	.53	.48	.58	.52	.47	.57	.51	.47	.56	.50	.46	.45														
8.0	.56	.49	.43	.55	.48	.43	.54	.48	.43	.53	.47	.43	.52	.46	.42	.41														
9.0	.52	.45	.40	.51	.44	.39	.50	.44	.39	.49	.43	.39	.48	.43	.39	.37														
10.0	.48	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.45	.39	.36	.34														



Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		Address:	
NAME: LED工矿灯		TYPE:	WEIGHT:
SPECIFICATION:200W		DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1623	1617	1611	1606	1622	1614	1609	1606	0- 5	384.7	384.7
10.0	1632	1629	1623	1617	1630	1624	1621	1618	5- 10	1157	1542
15.0	1645	1644	1637	1630	1642	1637	1635	1632	10- 15	1934	3476
20.0	1660	1657	1646	1638	1649	1645	1646	1647	15- 20	2707	6183
25.0	1666	1647	1628	1627	1644	1638	1636	1641	20- 25	3453	9636
30.0	1613	1539	1515	1553	1600	1587	1560	1559	25- 30	4072	13708
35.0	1343	1241	1230	1346	1432	1416	1328	1280	30- 35	4289	17997
40.0	926.3	878.2	911.4	1029	1128	1084	1026	923.9	35- 40	3838	21835
45.0	642.2	597.5	647.6	699.5	720.8	733.0	715.7	647.5	40- 45	3017	24852
50.0	459.5	424.3	456.2	496.1	509.5	532.6	503.7	462.4	45- 50	2299	27152
55.0	322.2	293.5	321.2	349.4	365.8	384.2	358.4	328.4	50- 55	1739	28891
60.0	214.4	194.6	215.6	236.6	247.4	267.1	243.1	220.0	55- 60	1279	30169
65.0	136.5	125.6	138.3	156.1	159.1	176.2	158.9	142.0	60- 65	899.7	31069
70.0	83.97	74.73	85.21	95.74	115.8	112.6	116.0	88.90	65- 70	606.2	31675
75.0	47.14	40.93	47.58	55.49	55.63	64.56	56.24	50.31	70- 75	360.8	32036
80.0	18.95	18.41	21.58	27.98	27.19	34.53	25.31	22.76	75- 80	200.7	32237
85.0	3.060	2.514	3.690	8.020	7.092	11.82	6.697	3.571	80- 85	78.45	32315
90.0	1.427	1.076	1.484	1.051	0.890	1.687	0.833	1.333	85- 90	14.61	32330
95.0	1.627	1.435	1.657	1.243	0.987	1.368	1.005	1.452	90- 95	6.902	32337
100.0	2.033	1.960	2.063	1.733	1.357	1.576	1.368	1.719	95-100	8.343	32345
105.0	2.682	2.693	2.679	2.384	1.892	1.957	1.892	2.165	100-105	10.66	32356
110.0	3.558	3.577	3.512	3.177	2.606	2.512	2.585	2.793	105-110	13.76	32370
115.0	4.591	4.669	4.518	4.150	3.471	3.220	3.420	3.571	110-115	17.51	32387
120.0	5.854	5.970	5.751	5.367	4.561	4.169	4.485	4.580	115-120	21.72	32409
125.0	7.335	7.435	7.181	6.724	5.824	5.332	5.708	5.800	120-125	26.20	32435
130.0	8.944	8.888	8.720	7.968	7.338	6.649	7.130	7.125	125-130	30.58	32466
135.0	10.51	10.42	10.22	9.666	8.825	8.106	8.490	8.528	130-135	34.33	32500
140.0	11.97	11.64	11.72	11.05	10.32	9.493	9.915	9.839	135-140	36.74	32537
145.0	13.01	12.72	12.90	12.23	11.59	10.52	11.23	10.72	140-145	37.35	32574
150.0	13.93	13.81	13.87	13.27	12.66	11.73	12.38	11.90	145-150	36.26	32610
155.0	14.91	14.81	14.86	14.33	13.73	12.92	13.44	13.04	150-155	33.95	32644
160.0	15.95	15.86	15.92	15.39	15.09	14.05	14.81	14.16	155-160	30.54	32675
165.0	17.24	16.99	17.20	16.58	16.70	15.43	16.42	15.51	160-165	26.07	32701
170.0	18.43	18.03	18.34	17.71	18.20	17.00	17.95	17.00	165-170	20.32	32721
175.0	19.42	18.84	19.29	18.61	19.39	18.35	19.22	18.36	170-175	13.07	32734
180.0	19.82	19.04	19.68	18.92	19.86	19.00	19.71	18.86	175-180	4.540	32739
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm	

Test System:HOPPO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## WEC AND CCEC

Report number:

MANUFACTURER:			Address:					
NAME: LED工矿灯			TYPE:			WEIGHT:		
SPECIFICATION:200W			DIMENSION:			SERIAL No.:		

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.233	.132	.042	.226	.129	.041	.212	.122	.039	.199	.115	.037	.188	.109	.035	
2.0	.226	.124	.038	.220	.121	.037	.208	.116	.036	.197	.111	.035	.187	.106	.033	
3.0	.215	.114	.034	.209	.112	.034	.199	.108	.033	.190	.104	.032	.181	.100	.031	
4.0	.203	.106	.031	.198	.104	.031	.189	.100	.030	.181	.097	.029	.173	.094	.029	
5.0	.192	.098	.028	.188	.096	.028	.180	.094	.028	.172	.091	.027	.165	.088	.027	
6.0	.181	.091	.026	.178	.090	.026	.170	.087	.025	.164	.085	.025	.157	.083	.025	
7.0	.171	.085	.024	.168	.084	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023	
8.0	.162	.079	.022	.159	.078	.022	.154	.077	.022	.148	.075	.022	.143	.073	.021	
9.0	.154	.075	.021	.151	.074	.021	.146	.072	.020	.141	.071	.020	.136	.069	.020	
10.0	.146	.070	.019	.144	.069	.019	.139	.068	.019	.135	.067	.019	.130	.066	.019	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.200	.200	.200	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.185	.166	.150	.158	.143	.129	.108	.098	.089	.062	.057	.052	.020	.018	.017	
2.0	.173	.142	.116	.148	.122	.100	.102	.085	.070	.059	.049	.041	.019	.016	.013	
3.0	.164	.124	.092	.140	.107	.080	.096	.074	.056	.056	.043	.033	.018	.014	.011	
4.0	.155	.110	.075	.133	.095	.065	.092	.066	.046	.053	.039	.027	.017	.013	.009	
5.0	.148	.099	.063	.127	.086	.055	.087	.060	.038	.051	.035	.023	.016	.011	.008	
6.0	.141	.090	.054	.121	.078	.047	.084	.055	.033	.049	.032	.020	.016	.011	.006	
7.0	.135	.083	.047	.116	.072	.041	.080	.051	.029	.047	.030	.017	.015	.010	.006	
8.0	.129	.077	.042	.111	.067	.036	.077	.047	.026	.045	.028	.015	.014	.009	.005	
9.0	.124	.072	.037	.107	.063	.033	.074	.044	.023	.043	.026	.014	.014	.009	.005	
10.0	.119	.068	.034	.103	.059	.030	.071	.042	.021	.041	.025	.013	.013	.008	.004	

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## Uncorrected UGR Table

Report number:

MANUFACTURER:						Address:				
NAME: LED工矿灯						TYPE:			WEIGHT:	
SPECIFICATION:200W						DIMENSION:			SERIAL No.:	
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	21.5	22.8	21.8	23.0	23.2	21.5	22.7	21.8	23.0	23.2
3H	21.8	22.9	22.1	23.1	23.4	21.8	22.9	22.1	23.1	23.4
4H	21.8	22.9	22.1	23.1	23.4	21.8	22.9	22.1	23.1	23.4
6H	21.8	22.8	22.1	23.1	23.4	21.8	22.8	22.1	23.1	23.4
8H	21.7	22.7	22.1	23.0	23.3	21.7	22.7	22.1	23.0	23.3
12H	21.7	22.6	22.0	22.9	23.2	21.7	22.6	22.1	22.9	23.3
4H 2H	21.6	22.6	21.9	22.9	23.2	21.6	22.6	21.9	22.9	23.2
3H	21.9	22.8	22.3	23.1	23.5	21.9	22.8	22.3	23.1	23.5
4H	22.0	22.8	22.4	23.2	23.5	22.0	22.8	22.4	23.2	23.5
6H	22.0	22.7	22.4	23.1	23.5	22.0	22.8	22.4	23.1	23.5
8H	22.0	22.7	22.4	23.0	23.4	22.0	22.7	22.4	23.1	23.5
12H	21.9	22.5	22.4	22.9	23.4	22.0	22.6	22.4	23.0	23.4
8H 4H	21.9	22.6	22.4	23.0	23.4	21.9	22.6	22.4	23.0	23.4
6H	22.0	22.5	22.4	23.0	23.4	22.0	22.6	22.5	23.0	23.4
8H	22.0	22.4	22.4	22.9	23.4	22.0	22.5	22.5	22.9	23.4
12H	21.9	22.3	22.4	22.8	23.3	22.0	22.4	22.4	22.8	23.3
12H 4H	21.9	22.5	22.3	22.9	23.4	21.9	22.5	22.3	22.9	23.4
6H	21.9	22.4	22.4	22.9	23.4	22.0	22.5	22.4	22.9	23.4
8H	21.9	22.3	22.4	22.8	23.3	22.0	22.4	22.4	22.8	23.3
Variations with the observer position at spacings:										
S = 1.0H	+ 1.1 / - 1.6					+ 1.1 / - 1.4				
1.5H	+ 1.7 / - 1.4					+ 1.4 / - 1.0				
2.0H	+ 2.2 / - 2.1					+ 2.2 / - 1.7				

CIE Pub.117 Corrected 32739 lm Total Lamp Luminous Flux.(8log(F/F0) = 12.1)

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:	Address:		
NAME: LED工矿灯	TYPE:	WEIGHT:	
SPECIFICATION:200W	DIMENSION:	SERIAL No.:	

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	71	61	56	70	61	56	69	61	55	50
0.80	80	71	65	79	71	65	77	70	65	59
1.00	87	79	73	86	78	73	84	79	73	67
1.25	93	85	80	92	85	80	89	83	79	73
1.50	97	90	85	96	89	84	93	87	83	77
2.00	102	96	91	100	95	91	97	93	89	82
2.50	105	99	95	103	98	94	99	95	92	85
3.00	107	102	98	105	101	97	101	98	95	87
4.00	110	106	103	108	104	101	104	101	98	90
5.00	112	108	105	109	106	104	105	103	100	92
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

Test System:HOPPO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

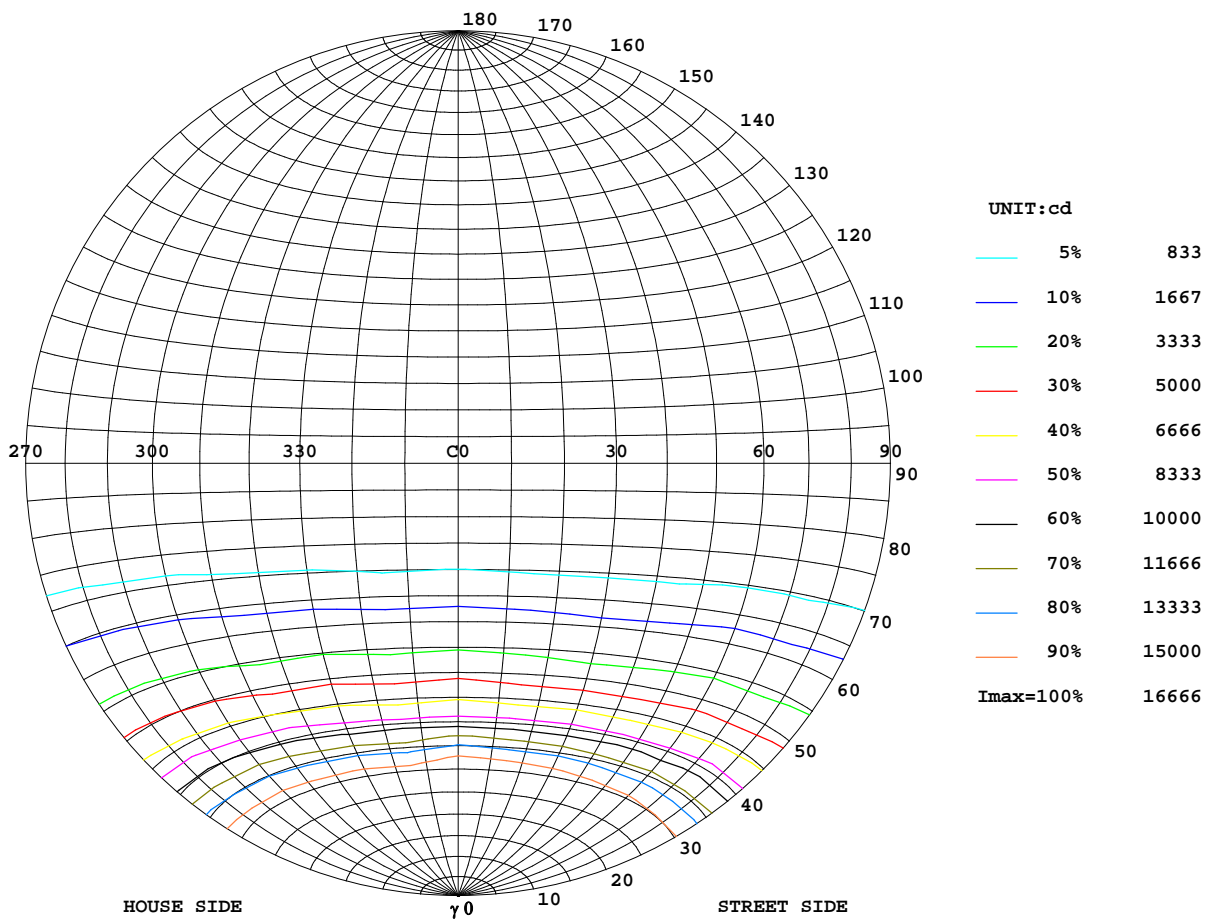
Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED工矿灯	TYPE:	WEIGHT:
SPECIFICATION:200W	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

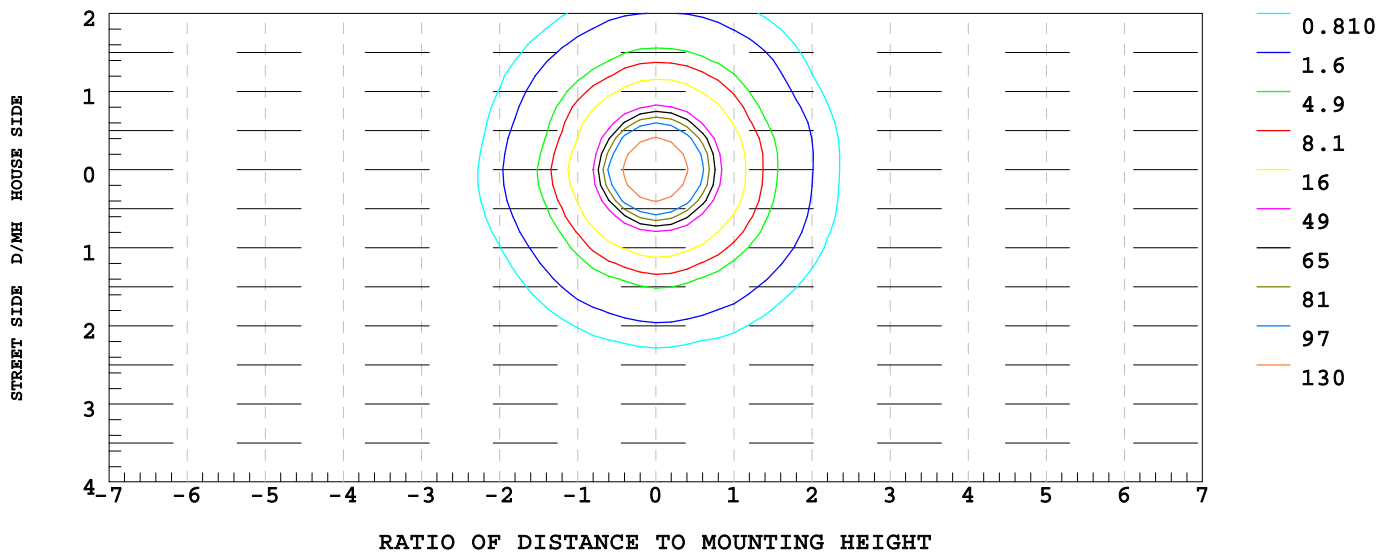
# LED High Bay Light

## ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED工矿灯	TYPE:	WEIGHT:
SPECIFICATION:200W	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 161.69 lx



Test System:HOPPO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

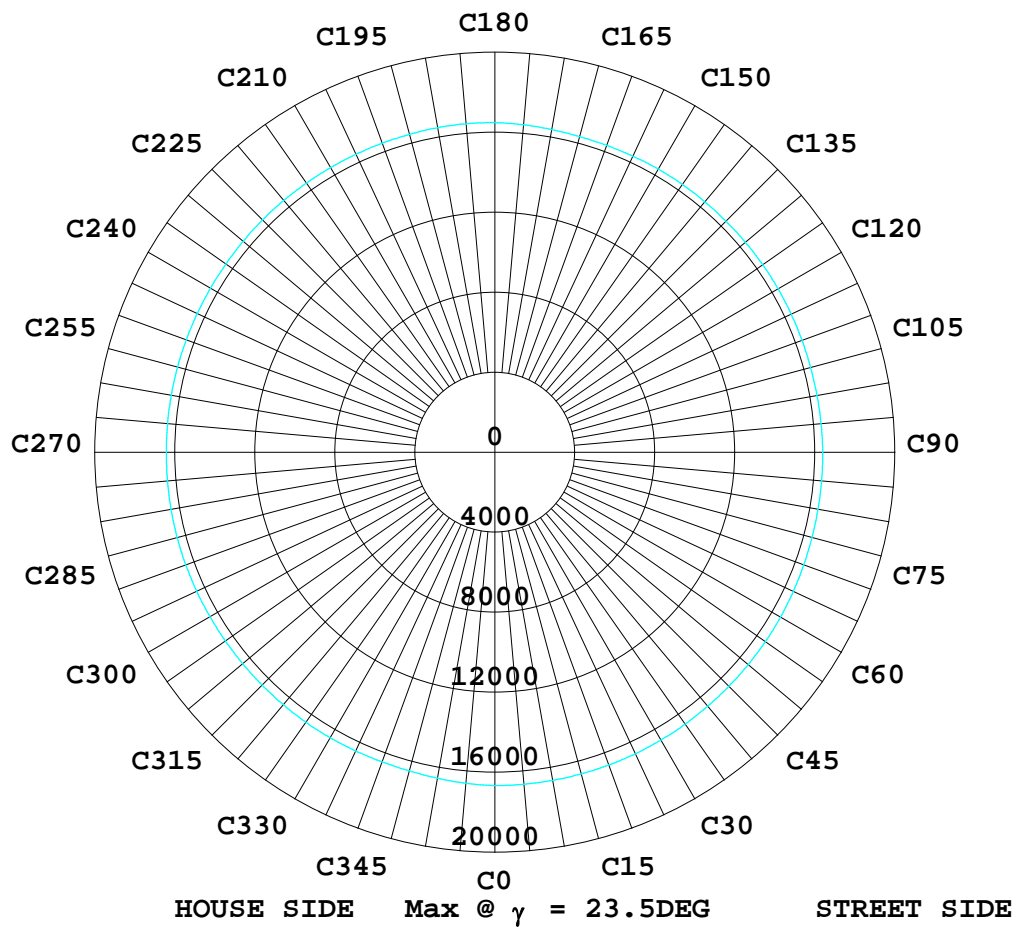
Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED工矿灯	TYPE:	WEIGHT:
SPECIFICATION:200W	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: LED工矿灯</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:200W</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: ×10cd

H( DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20
-90.0	0.89	0.95	1.01	1.07	1.29	1.50	1.72	1.50	1.27	1.05	1.23	1.41	1.59	1.40	1.21
-85.0	0.89	1.04	1.38	1.85	2.69	3.78	4.50	4.31	4.45	5.00	5.24	5.16	4.85	4.82	5.03
-80.0	0.89	1.18	2.04	3.52	4.69	6.44	9.54	11.7	15.7	17.5	18.0	19.4	21.1	21.7	21.0
-75.0	0.89	1.41	3.14	5.28	8.70	15.1	19.0	23.5	27.5	30.5	35.2	39.3	42.8	43.7	43.1
-70.0	0.89	1.73	4.27	8.19	17.1	22.4	31.2	38.4	44.4	50.2	57.0	63.9	67.1	67.0	72.4
-65.0	0.89	2.15	5.63	16.7	21.6	32.3	43.9	55.2	63.7	72.6	85.0	102	112	120	126
-60.0	0.89	2.62	7.54	18.7	29.0	42.3	57.6	68.2	89.4	116	125	142	160	175	187
-55.0	0.89	3.18	11.0	21.8	36.3	53.4	67.8	96.9	122	144	171	200	226	249	270
-50.0	0.89	3.72	16.5	26.6	43.8	62.9	88.8	123	156	191	231	271	310	344	379
-45.0	0.89	4.24	18.0	31.2	51.3	71.6	118	150	196	245	301	360	415	471	529
-40.0	0.89	4.63	18.9	35.8	57.6	85.5	132	181	239	307	381	460	545	642	736
-35.0	0.89	5.03	20.0	40.0	64.6	108	152	212	285	373	472	582	712	863	1007
-30.0	0.89	5.50	21.4	44.0	71.3	126	172	243	332	443	575	723	926	1120	1290
-25.0	0.89	5.92	23.2	47.3	77.5	131	192	272	377	514	694	905	1154	1366	1498
-20.0	0.89	6.36	25.0	50.5	84.5	140	211	301	420	586	790	1086	1368	1523	1597
-15.0	0.89	6.70	26.2	52.4	89.8	149	226	327	461	654	925	1240	1488	1594	1630
-10.0	0.89	6.93	26.8	54.1	99.1	156	237	345	490	699	1087	1352	1550	1620	1636
-5.0	0.89	7.06	27.1	55.2	110	159	244	360	508	721	1116	1413	1584	1632	1637
0.0	0.89	7.09	27.1	55.6	116	159	247	366	510	721	1128	1432	1600	1644	1649
5.0	0.89	7.07	27.2	55.6	110	159	246	362	508	710	1104	1426	1593	1641	1648
10.0	0.89	6.95	26.9	54.7	99.3	158	239	350	493	692	1030	1379	1571	1632	1646
15.0	0.89	6.69	26.3	53.0	89.9	151	231	334	464	644	924	1272	1511	1608	1640
20.0	0.89	6.30	25.3	51.4	82.7	141	215	309	425	582	784	1127	1403	1553	1617
25.0	0.89	5.76	23.6	48.1	75.3	130	199	279	379	511	699	950	1214	1430	1544
30.0	0.89	5.32	21.6	44.3	71.1	116	178	245	328	437	578	760	989	1202	1369
35.0	0.89	4.88	20.1	40.9	67.0	97.7	155	210	278	360	478	615	738	928	1105
40.0	0.89	4.53	18.7	36.5	61.2	83.4	129	178	228	300	391	492	591	703	806
45.0	0.89	4.23	16.8	32.3	53.8	72.1	110	145	187	247	316	392	460	523	587
50.0	0.89	3.80	14.5	27.6	44.8	64.9	84.5	120	153	198	251	304	348	392	431
55.0	0.89	3.32	9.76	21.9	37.2	53.9	70.6	92.1	124	154	194	225	257	286	310
60.0	0.89	2.81	7.80	17.6	29.3	42.2	55.9	70.9	92.4	119	142	163	183	202	217
65.0	0.89	2.38	5.07	12.8	21.5	31.9	42.4	54.5	65.5	81.3	99.2	117	126	137	147
70.0	0.89	1.96	4.35	8.57	15.3	21.6	29.7	38.6	47.9	58.4	64.9	70.2	79.7	87.6	94.2
75.0	0.89	1.60	3.55	4.83	9.12	15.4	18.7	23.9	31.2	37.5	41.6	45.7	48.6	52.8	56.8
80.0	0.89	1.34	2.52	4.16	5.01	6.46	9.12	15.6	17.4	19.9	22.1	23.4	24.4	25.6	26.3
85.0	0.89	1.22	1.71	2.44	2.88	3.47	3.98	4.59	4.91	5.19	7.04	7.42	7.09	6.81	6.94
90.0	0.89	1.09	1.30	1.51	1.34	1.16	0.99	1.22	1.45	1.68	1.43	1.17	0.92	1.08	1.26

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: LED工矿灯</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:200W</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: ×10cd

H( DEG)	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55
-90.0	1.02	1.17	1.33	1.48	1.35	1.21	1.08	1.23	1.38	1.54	1.38	1.23	1.07	1.21	1.36
-85.0	4.64	4.42	4.09	3.69	3.44	3.14	2.74	2.81	2.93	3.02	2.33	1.72	1.18	1.33	1.47
-80.0	19.8	20.8	21.4	21.5	20.4	19.1	17.8	17.2	15.7	13.4	11.7	8.89	7.18	5.20	3.79
-75.0	41.4	43.3	45.6	47.5	44.8	41.7	38.9	38.2	36.6	33.8	29.0	23.9	19.5	17.4	13.3
-70.0	74.6	77.2	82.1	85.2	79.9	73.1	68.5	65.2	62.9	59.7	51.3	43.1	36.0	30.0	24.1
-65.0	127	133	137	138	135	128	123	118	108	94.5	77.5	66.6	56.3	46.8	38.0
-60.0	196	205	212	216	208	197	185	174	160	140	122	98.0	79.6	66.1	53.2
-55.0	289	303	316	321	308	289	272	253	231	200	168	138	117	90.4	67.8
-50.0	413	436	453	456	441	411	386	357	321	276	229	187	150	119	91.2
-45.0	579	616	641	648	625	586	539	488	431	367	304	244	192	149	115
-40.0	818	878	906	911	888	842	750	658	567	475	388	310	241	184	140
-35.0	1115	1175	1224	1230	1200	1130	1051	899	742	607	491	385	293	226	168
-30.0	1405	1467	1503	1515	1494	1444	1356	1196	1043	780	617	470	357	269	197
-25.0	1570	1604	1619	1628	1623	1609	1566	1464	1262	1031	727	568	420	313	226
-20.0	1628	1639	1643	1646	1650	1652	1645	1606	1488	1239	919	660	481	354	255
-15.0	1638	1638	1636	1637	1643	1651	1658	1654	1604	1419	1097	743	535	393	279
-10.0	1634	1627	1623	1623	1630	1641	1652	1662	1648	1526	1193	833	585	424	298
-5.0	1627	1617	1610	1611	1621	1633	1647	1661	1662	1587	1299	894	621	448	314
0.0	1642	1630	1622	1617	1623	1632	1645	1660	1666	1613	1343	926	642	460	322
5.0	1640	1629	1618	1609	1611	1621	1635	1649	1648	1558	1265	875	616	442	311
10.0	1643	1635	1626	1621	1623	1630	1642	1650	1626	1476	1133	764	576	415	292
15.0	1645	1642	1637	1635	1637	1642	1648	1643	1581	1371	1043	719	517	377	271
20.0	1638	1644	1645	1646	1647	1647	1641	1609	1483	1204	897	648	471	339	244
25.0	1595	1623	1634	1636	1635	1623	1583	1494	1291	1064	757	571	421	308	220
30.0	1467	1531	1556	1560	1549	1508	1412	1253	1047	810	636	486	369	272	196
35.0	1195	1290	1334	1328	1308	1233	1128	976	784	657	525	411	312	235	170
40.0	902	968	1009	1026	982	915	826	714	609	512	425	338	260	195	145
45.0	650	707	717	716	696	659	592	517	449	395	336	269	211	160	121
50.0	464	493	505	504	492	469	426	378	331	294	254	208	165	128	94.4
55.0	331	345	356	358	349	331	306	273	241	215	186	157	127	97.5	72.7
60.0	232	238	243	243	237	226	213	192	172	153	134	114	92.0	69.4	55.1
65.0	155	160	161	159	156	151	141	130	122	115	91.2	71.2	64.4	51.8	39.8
70.0	100	103	110	116	107	96.7	90.2	83.2	73.3	67.0	59.4	51.9	43.8	34.5	25.3
75.0	59.2	59.4	58.3	56.2	56.0	54.8	52.5	48.8	43.8	38.9	35.1	30.1	25.4	20.2	16.5
80.0	26.2	26.2	25.9	25.3	24.5	23.5	22.4	21.0	19.2	18.1	16.3	13.6	10.4	7.95	4.60
85.0	7.30	7.45	7.20	6.69	6.06	5.41	4.80	4.74	4.47	3.84	3.11	2.80	2.71	1.85	1.23
90.0	1.43	1.23	1.03	0.83	1.00	1.18	1.35	1.17	1.00	0.82	0.99	1.16	1.33	1.18	1.02

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks:

# LED High Bay Light

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: LED工矿灯</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:200W</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: ×10cd

V( DEG)	H( DEG)						
	60	65	70	75	80	85	90
-90.0	1.50	1.35	1.19	1.04	1.17	1.29	1.42
-85.0	1.59	1.36	1.14	0.97	1.13	1.28	1.42
-80.0	3.10	2.15	1.29	1.00	1.13	1.27	1.42
-75.0	9.28	4.37	2.63	1.27	1.19	1.28	1.42
-70.0	17.9	10.5	5.69	2.44	1.33	1.31	1.42
-65.0	28.3	19.2	9.50	4.57	1.83	1.34	1.42
-60.0	40.1	26.9	17.7	7.01	2.57	1.38	1.42
-55.0	53.0	37.2	21.4	10.2	3.67	1.44	1.42
-50.0	67.0	47.2	28.7	17.2	4.66	1.55	1.42
-45.0	80.4	57.7	36.5	19.8	5.79	1.69	1.42
-40.0	110	68.6	43.7	23.3	8.58	1.87	1.42
-35.0	122	79.8	50.9	27.8	10.1	2.08	1.42
-30.0	138	91.4	58.1	32.4	12.2	2.33	1.42
-25.0	157	114	63.5	36.2	15.1	2.55	1.42
-20.0	175	119	67.7	40.0	16.5	2.72	1.42
-15.0	190	125	70.1	42.5	17.5	2.85	1.42
-10.0	202	131	74.9	44.7	18.2	2.95	1.42
-5.0	210	135	81.1	46.2	18.7	3.02	1.42
0.0	214	137	83.9	47.1	18.9	3.06	1.42
5.0	209	134	80.1	46.4	18.5	3.03	1.42
10.0	199	131	73.4	45.0	17.8	2.97	1.42
15.0	188	123	68.5	42.8	16.9	2.88	1.42
20.0	170	114	66.7	40.7	15.6	2.77	1.42
25.0	154	104	64.6	37.0	13.7	2.62	1.42
30.0	138	93.1	59.4	32.7	11.8	2.40	1.42
35.0	121	69.8	52.5	28.7	10.3	2.15	1.42
40.0	108	66.5	45.8	23.4	8.12	1.96	1.42
45.0	81.2	59.2	38.4	18.7	5.05	1.80	1.42
50.0	67.9	48.7	29.8	14.4	4.27	1.67	1.42
55.0	54.6	38.6	21.5	10.2	3.66	1.56	1.42
60.0	40.7	27.7	15.1	5.45	2.81	1.50	1.42
65.0	28.5	18.1	10.4	4.04	2.07	1.46	1.42
70.0	18.7	12.1	4.92	2.80	1.64	1.43	1.42
75.0	8.04	4.92	2.79	1.66	1.45	1.40	1.42
80.0	2.65	1.68	1.37	1.40	1.39	1.38	1.42
85.0	0.87	1.02	1.17	1.33	1.36	1.38	1.42
90.0	0.88	1.02	1.18	1.33	1.36	1.39	1.42

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019年10月22日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.200 m  
 Remarks: