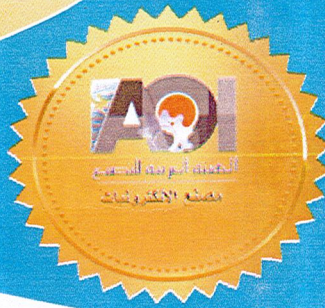




ISO / 9001: 2015 , 14001: 2015, 45001:2018,17025:2017 Certified

رقم القيد :

التاريخ : ٢٠٢٤/٠١/٣٠

Test Report No.(01/2024) **LED Luminaire**

Based on request submitted by EG LIGHT to conduct Technical Tests for the following sample:

- HIGH BAY-200W.
- SN:08012024./001.

The tests were carried out in the Lighting Laboratories of Electronics Factory – Arab Organization for Industrialization (AOIEF-LLEF), the results as attached :

Attached :

Test report No .: G/1/2024

Test report No .: IS/1/2024

Test report No .: L/1/2024

Test report No .: IP/1/2024

Prepared by: Eng.Medhat Abd Alla ---- LTM

Approved by: Eng.Mohamed Abd El Hamid ---- Lab Manager

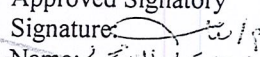
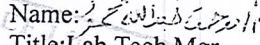
Authorized by: Eng.Nihal Salama ---- Quality Director

Menna Ahmed
(.....)
(.....)
(.....)



TEST REPORT

ISSUED BY : Lighting Laboratory
DATE OF ISSUE : 8/1/2024
TEST REPORT NO. : G/1/2024

Page 1 of 1 Pages
Approved Signatory
Signature: 
Name: 
Title: Lab. Tech. Mgr

Electronics Factory

P.O. BOX: 84 Heliopolis Cairo- Egypt

Tel. 02- 22694778/02-22694375

Fax : 02-22692480(81)

CUSTOMER & ADDRESS : EGLIGHT

SAMPLE RECEIPT DATE : 8/1/2024

SAMPLE TEST DATE : 8/1/2024

SAMPLE DESCRIPTION:

S.N:08012024/001

Model: HIGH BAY-200W

ENV.CONDITIONS :

Temp: 25 °C

Humidity: 45 %

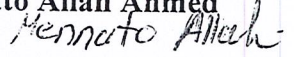
No.	Test item	Reading
1	Total lumen	18429
2	LM/W	95.58
3	Candle lmax(cd)	12571
4	Average Beam angle	74.7

BASIS OF TEST:

Gonio photometer /model :GO2000-CT400

AOIEF Lighting LAB
Eng. Mennato Allah Ahmed
1635

AOIEF Lighting LAB
Eng. Mennato Allah Ahmed
1635

Tested By: Mennato Allah Ahmed
Signature : 
Title : Test

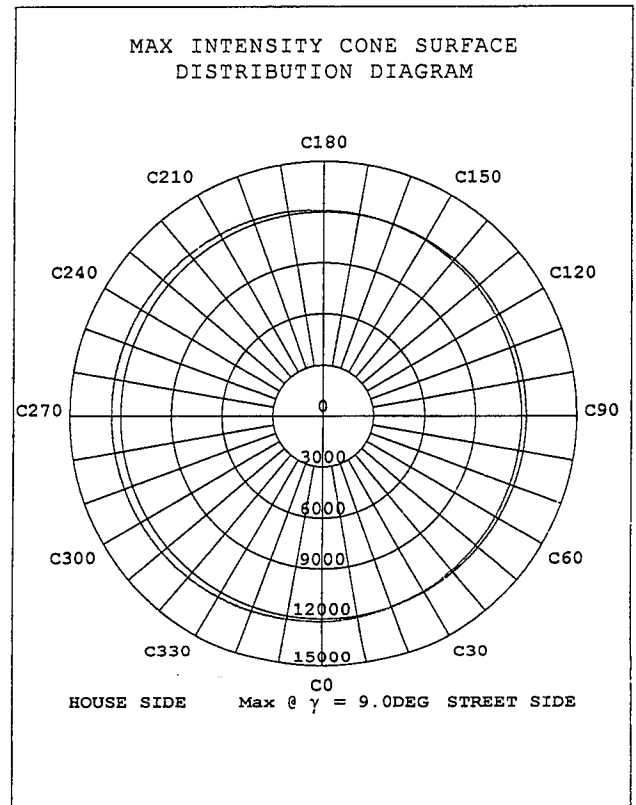
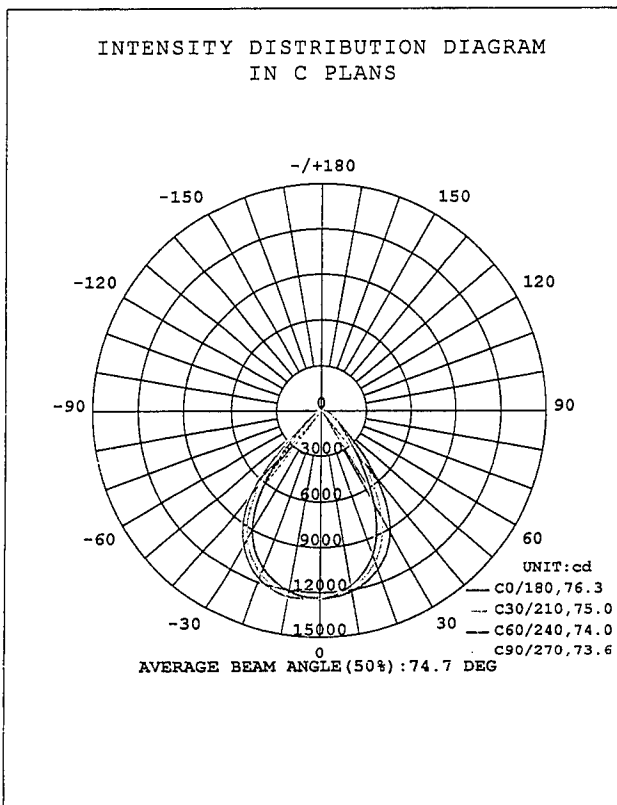
This test report is issued in accordance with the requirements of the accreditation bodies and ISO /IEC 17025 Requirements. It provides traceability of measurement to recognized international standards, and to units of measurement realized at the National Physical Laboratory or other recognized national standard laboratories.

This test report may not be reproduced other in full, except with the prior written approval of the issuing laboratory.

STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: EG LIGHT	TYPE:HIGH BAY	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:08012024/001
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 95.58 lm/W
MODEL	EG LIGHT	I _{max} (cd)	12571	η street_up (%)	0.0	
NOMINAL POWER (W)	200	LOR (%)	76.8	η street_down (%)	33.7	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	18429	η house_up (%)	0.0	
NOMINAL FLUX (lm)	24000	MAXIMUM @ (C, γ)	260,9.0	η house_down (%)	43.1	
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100	
TEST VOLTAGE (V)	220	η down (%)	76.8	SLI	18.865	

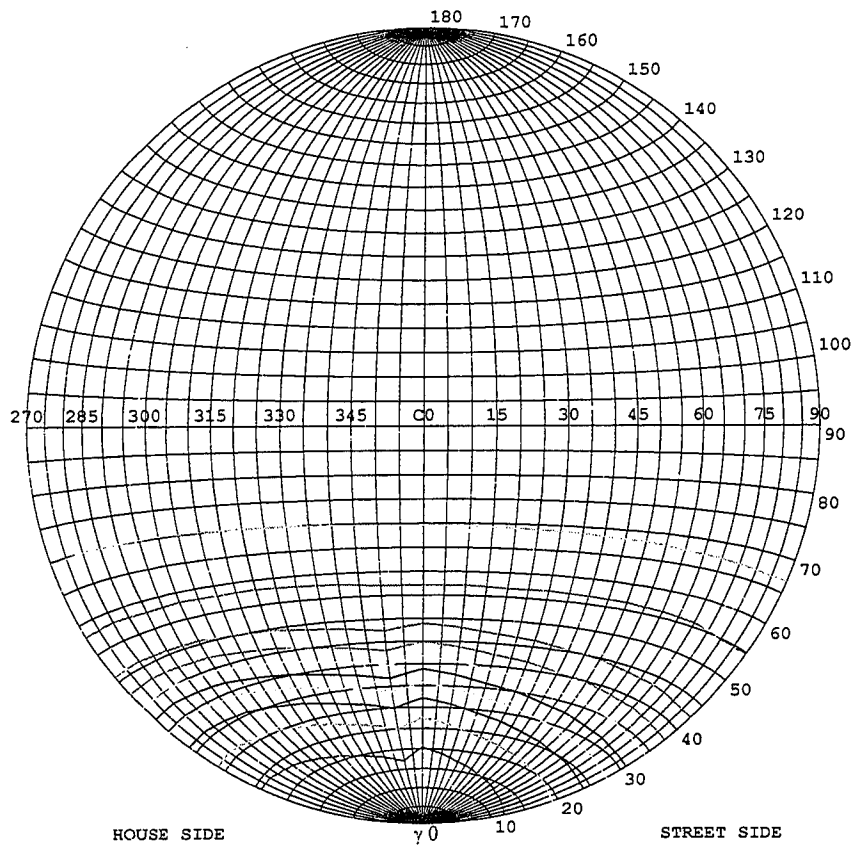


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:24.7DEG
 Operators:AOI
 Test Date:08 January 2024

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity:47%
 Test Distance:6.417m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

NAME: EG LIGHT	TYPE:HIGH BAY	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:08012024/001
MFR.: EVERFINE	SUR.:	Shielding Angle:



Classification:

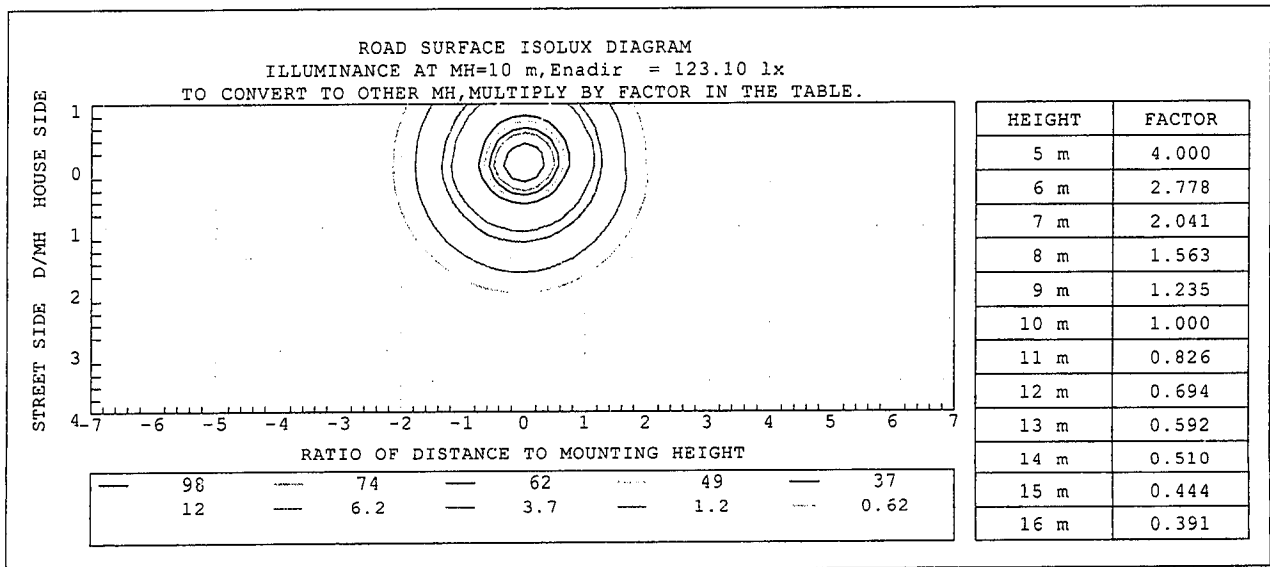
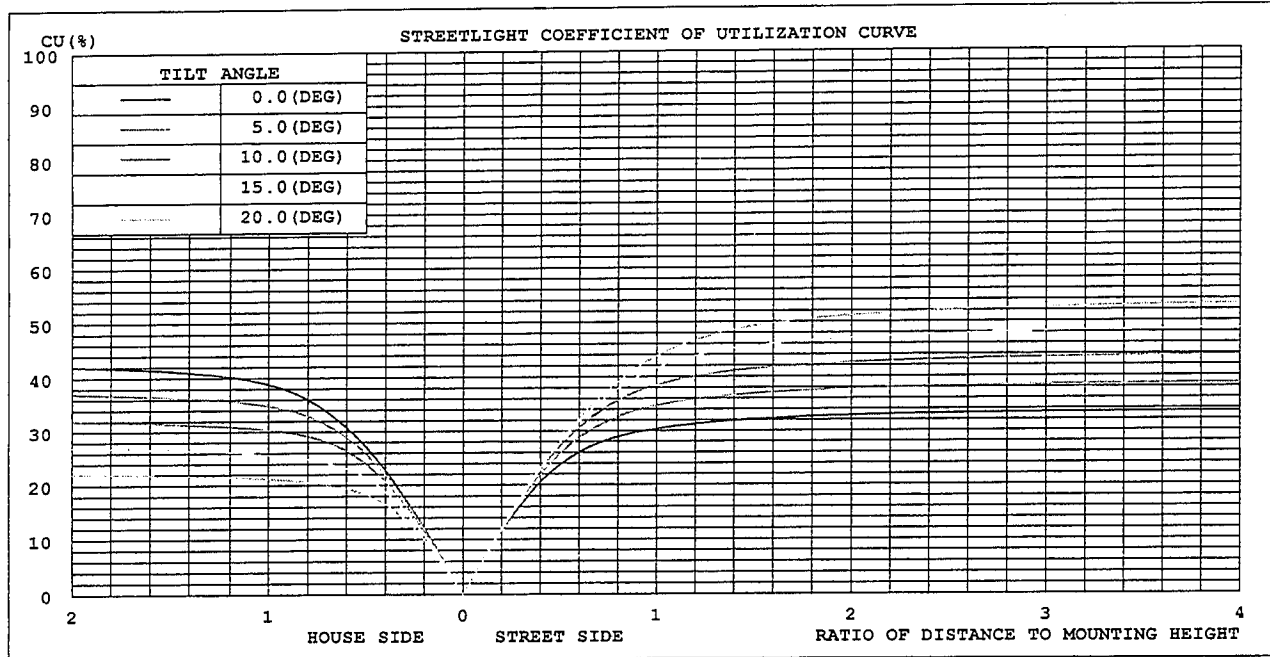
IES:Type I - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:11.99cd/klm
 Max.At90:2.340cd/klm
 Max.80-90:11.99cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	12571
___ 90%	11314
___ 80%	10057
___ 70%	8800
___ 60%	7543
___ 50%	6286
___ 40%	5028
___ 30%	3771
___ 20%	2514
___ 10%	1257
___ 5%	629

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:24.7DEG
 Operators:AOI
 Test Date:08 January 2024

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity:47%
 Test Distance:6.417m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24.7DEG
Operators: AOI
Test Date: 08 January 2024

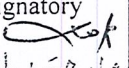
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 47%
Test Distance: 6.417m [K=1.0000]
Remarks:

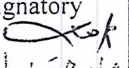
TEST REPORT

ISSUED BY : Lighting Laboratory
DATE OF ISSUE : 8/1/2024
TEST REPORT NO. : IS/1/2024

Page 1 of 1 Pages

Approved Signatory

Signature: 

Name: 

Title: Lab.Tech.Mgr

Electronics Factory

P.O. BOX: Sakr Factory No. (3) - Egypt. Post Code: 11361
Tel. 22689023 - 22686736 Fax : 22688726

AOIEF Lighting LAB
Eng. Medhat Abdulla
1502

CUSTOMER & ADDRESS : eglight

SAMPLE RECEIPT DATE : 8/1/2024

SAMPLE TEST DATE : 8/1/2024

AOIEF Lighting LAB
Eng. Medhat Abdulla
1502

SAMPLE DESCRIPTION:

SN :8012024/01 HighBay 200w

ENV.CONDITIONS : Temp: 24.8C

Humidity: 49.5%

BASIS OF TEST:

Integrating sphere model : YF1000

HAAS -1200

SN	TEST ITEM			
	CCT(K)	Ra	power	pf
8012024/01	6520	82.8	199.4	0.99

TEST METHOD USED:

IEC 62612:2013-06

Tested By: 

Signature :

Name: Mohamed samir

Title : Test engineer

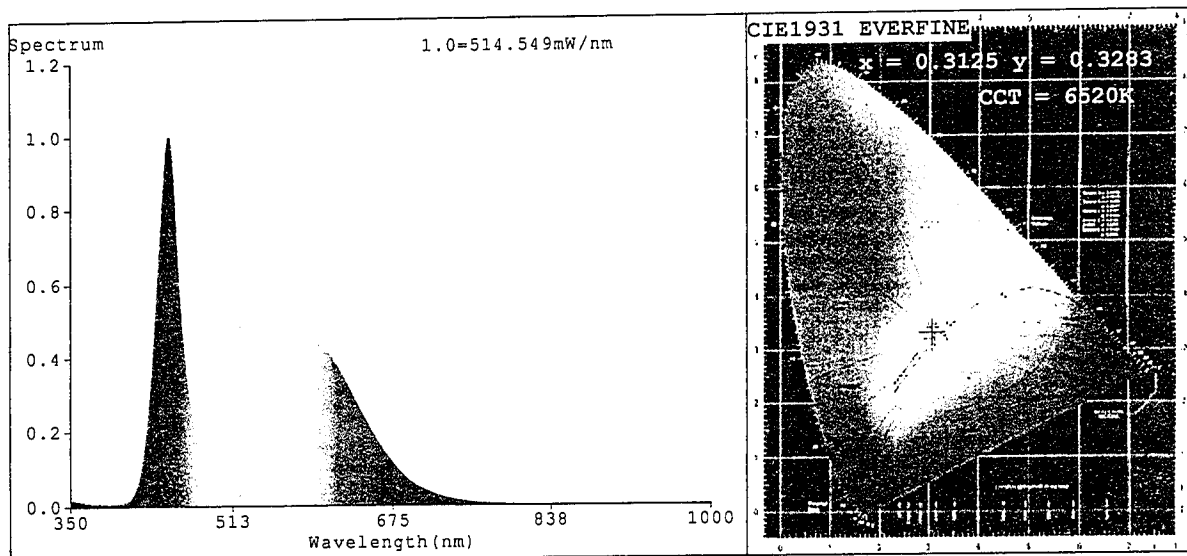
AOIEF lighting LAB

Eng. Mohamed Samir Hamed

1613

AOIEF lighting LAB
Eng. Mohamed Samir Hamed
1613

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3125$ $y=0.3283$ $u'=0.1980$ $v'=0.4679$
 CCT=6520K (Duv=0.0029) Dominant WL: $L_d = 488.5nm$ WL: $L_c = --nm$ Purity=7.4%
 Ratio: R=13.9% G=81.5% B=4.6%; Peak WL: $L_p = 448.3nm$ FWHM=26.2nm
 Render Index: $R_a = 82.8$ AvgR=76.3 TM30: $R_f = 83$ $R_g = 98$

R1 =84	R2 =84	R3 =82	R4 =85	R5 =84	R6 =79	R7 =87
R8 =77	R9 =24	R10=60	R11=85	R12=59	R13=84	R14=90 R15=80

Photo Parameters:

Flux = 16731 lm Eff. : 83.90 lm/W $F_e = 55.06 W$

Electrical parameters:

$V = 219.64 V$ $I = 0.9162 A$ $P = 199.4 W$ PF = 0.9909
 LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 13 ms $I_p = 45047 (69\%)$

Model: High Bay 200w
 Tester: eng-mohamed samir
 Temperature: 24.8Deg
 Manufacturer: eglight

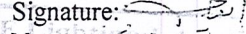
Number: 8012024/01
 Date: 8-1-2024
 Humidity: 49.5%
 Remarks:

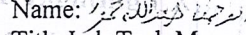
TEST REPORT

ISSUED BY : Lighting Laboratory
DATE OF ISSUE : 8/1/2024
TEST REPORT NO. : L/1/2024

Page 1 of 1 Pages

Approved Signatory

Signature: 

Name: 

Title: Lab. Tech. Mgr

Electronics Factory

P.O. BOX: 84 Heliopolis Cairo- Egypt

Tel. 02- 22694778/02-22694375 Fax : 02-22692480(81)

CUSTOMER & ADDRESS : EGLIGHT

SAMPLE RECEIPT DATE : 8/1/2024

SAMPLE TEST DATE : 8/1/2024

SAMPLE DESCRIPTION:

S.N:08012024/001

Model: HIGH BAY-200W

ENV.CONDITIONS :

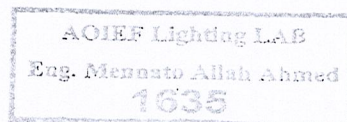
Temp: 25 °C

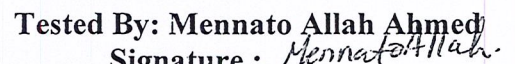
Humidity: 45 %

No.	Test item	Reading
1	Input Volt(V)	219.9
2	Input Current(A)	0.890
3	Input power(W)	193.51
4	THD (V)%	1.6
5	THD(I)%	10.5
6	P.F	0.989

BASIS OF TEST:

- LED driver tester /model : LT-101A



Tested By: Mennato Allah Ahmed
Signature : 
Title : Test

TEST REPORT

Test Report No. : IP -1-2024

Page 2 of 3 Pages

Signature: *Menna Ahmed*



1. IP6X test

1.1 Test procedure

- 1) The **High bay -200W** , is placed with the minimum disturbance in the dust chamber. The chamber contain 2 kg of powder For every cubic meter of its volume
- 2) The fan or blower causing the talcum powder to be in suspension is switched on

3) test time 8 hr

1.2 Evaluation of test results

After completion of the tests ,no deposit of talcum powder inside Led panel

1.3) test result : PASS

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $K = 2$, providing a level of confidence of approximately 95 %.

Test sample are the responsibility of customer and sample represent only itself.

It is customer responsibility to use the submitted test specimens and test results for his manufacturing procedure, design proving or whatever without any obligation on AOIEF except for test results .



ISO / 9001: 2015 , 14001: 2015, 45001:2018, I7025:2017 Certified

رقم القيد :

التاريخ : ٢٠٢٤/٠١/٣٠

Test Report No.(02/2024) **LED Luminaire**

Based on request submitted by EG LIGHT to conduct Technical Tests for the following sample:

- Flood Light-200W.
- SN:08012024./002.

The tests were carried out in the Lighting Laboratories of Electronics Factory – Arab Organization for Industrialization (AOIEF-LLEF), the results as attached :

Attached :

Test report No .: G/2/2024

Test report No .: IS/2/2024

Test report No .: L/2/2024

Test report No .: IP/2/2024

Prepared by: Eng.Medhat Abd Alla

---- LTM

Menna Ahmed (.....)

Approved by: Eng.Mohamed Abd El Hamid

---- Lab Manager

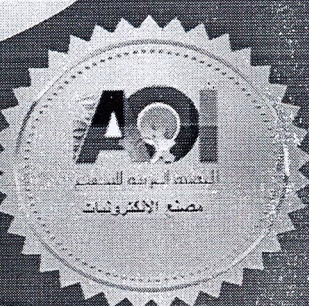
Mr. El-Hamid (.....)

Authorized by: Eng.Nihal Salama

---- Quality Director

(.....)





ISO / 9001: 2015 , 14001: 2015, 45001:2018,17025:2017 Certified

رقم القيد :

التاريخ : 2024/01/30

Test Report No.(02/2024)
LED Luminaire

Physical Parameter	value
Power(W)	195
P.F	0.98
Lumen(lm)	18359
Efficacy (lm/W)	93.97
Average angle	114.1
Max luminous intensity (cd)	6689
CCT(K)	7063
Ra	82.7
THD current(%)	6.2
THD volt(%)	1.1
IP 66	PASS

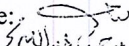


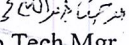
TEST REPORT

ISSUED BY : Lighting Laboratory
DATE OF ISSUE : 8/1/2024
TEST REPORT NO. : G/2/2024

Page 1 of 1 Pages

Approved Signatory

Signature: 

Name: / 

Title: Lab. Tech. Mgr

Electronics Factory

P.O. BOX: 84 Heliopolis Cairo- Egypt

Tel. 02- 22694778/02-22694375 Fax : 02-22692480(81)

CUSTOMER & ADDRESS : EGLIGHT

SAMPLE RECEIPT DATE : 8/1/2024

SAMPLE TEST DATE : 8/1/2024

SAMPLE DESCRIPTION:

S.N:08012024/002

Model: Flood light-200W

ENV.CONDITIONS :

Temp: 25 °C

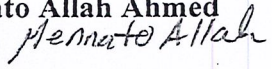
Humidity: 45 %

No.	Test item	Reading
1	Total lumen	18359
2	LM/W	93.97
3	Candle lmax(cd)	6689
4	Average Beam angle	114.1

BASIS OF TEST:

Genio photometer /model :GO2000-CT400

Tested By: Mennato Allah Ahmed

Signature : 

Title : Test

AOIEF Lighting LAB
Eng. Mennato Allah Ahmed
1635

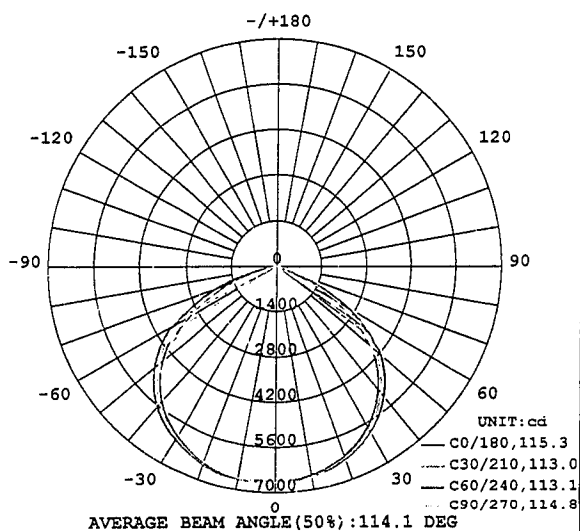
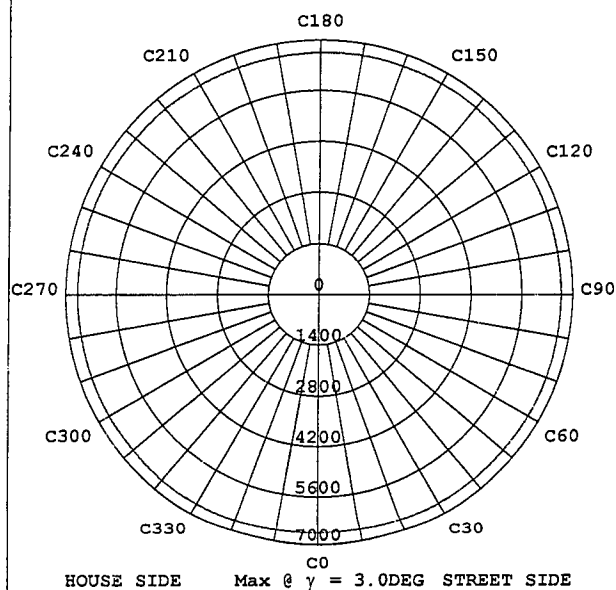
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This test report may not be reproduced other in full, except with the prior written approval of the issuing laboratory.

STREETLIGHT PHOTOMETRIC TEST REPORT

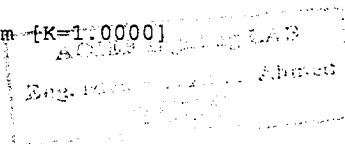
NAME: EG LIGHT	TYPE: FLOOD LIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 08012024/002
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 93.97 lm/W
MODEL	EG LIGHT	I _{max} (cd)	6689	η street_up(%)	0.0	
NOMINAL POWER (W)	200	LOR(%)	76.5	η street_down(%)	37.0	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	18356	η house_up(%)	0.0	
NOMINAL FLUX (lm)	24000	MAXIMUM @ (C, γ)	320, 3.0	η house_down(%)	39.5	
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100	
TEST VOLTAGE (V)	220	η down(%)	76.5	SLI	16.026	

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

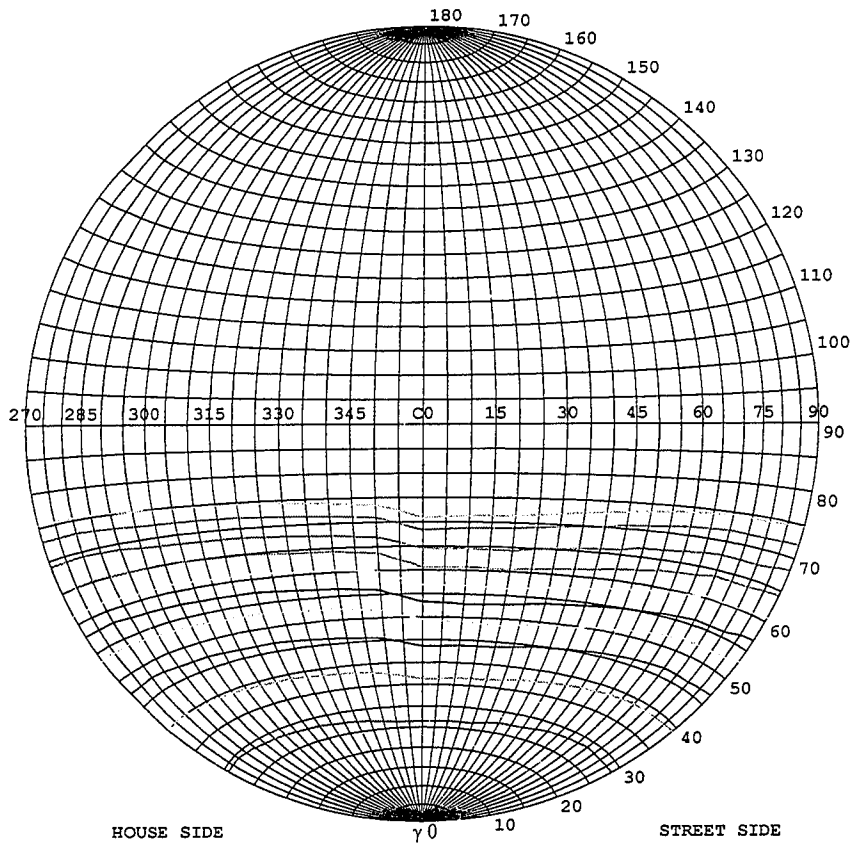
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24.7DEG
Operators: AOI
Test Date: 8/1/2024

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 47%
Test Distance: 6.417m [K=1.0000]
Remarks:



STREETLIGHT ISOCANDELA DIAGRAM

NAME: EG LIGHT	TYPE: FLOOD LIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 08012024/002
MFR.: EVERFINE	SUR.:	Shielding Angle:



Classification:

IES: Type II - Very Short
CIE: Narrow - Short
IES: Cut-off
CIE: Full cut-off
Max. At 80: 11.49cd/klm
Max. At 90: 0.8182cd/klm
Max. 80-90: 11.49cd/klm

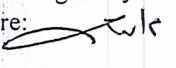
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6689
90%	6020
80%	5351
70%	4682
60%	4013
50%	3344
40%	2675
30%	2007
20%	1338
10%	669
5%	334

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 24.7DEG
Operators: AOI
Test Date: 8/1/2024

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 47%
Test Distance: 6.417m [K=1.0000]
Remarks:

TEST REPORT

ISSUED BY : Lighting Laboratory
DATE OF ISSUE : 8/1/2024
TEST REPORT NO. : IS/2/2024

Page 1 of Pages
Approved Signatory
Signature: 
Name:
Title: Lab. Tech. Mgr

Electronics Factory

P.O. BOX: Sakr Factory No. (3) - Egypt. Post Code: 11361
Tel. 22689023 - 22686736 Fax : 22688726

AOIEF Lighting LAB
Eng. Medhat Abdulla
1502

CUSTOMER & ADDRESS : eglight

SAMPLE RECEIPT DATE : 8/1/2024

SAMPLE TEST DATE : 8/1/2024

AOIEF Lighting LAB
Eng. Medhat Abdulla
1502

SAMPLE DESCRIPTION:

SN : 8012024/02 flood light 200w

ENV.CONDITIONS : Temp: 24.8C

Humidity: 49.5%

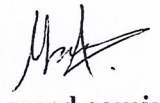
BASIS OF TEST:

Integrating sphere model : YF1000
HAAS -1200

SN	TEST ITEM			
	CCT(K)	Ra	power	pf
8012024/02	7063	82.7	195	0.98

TEST METHOD USED:

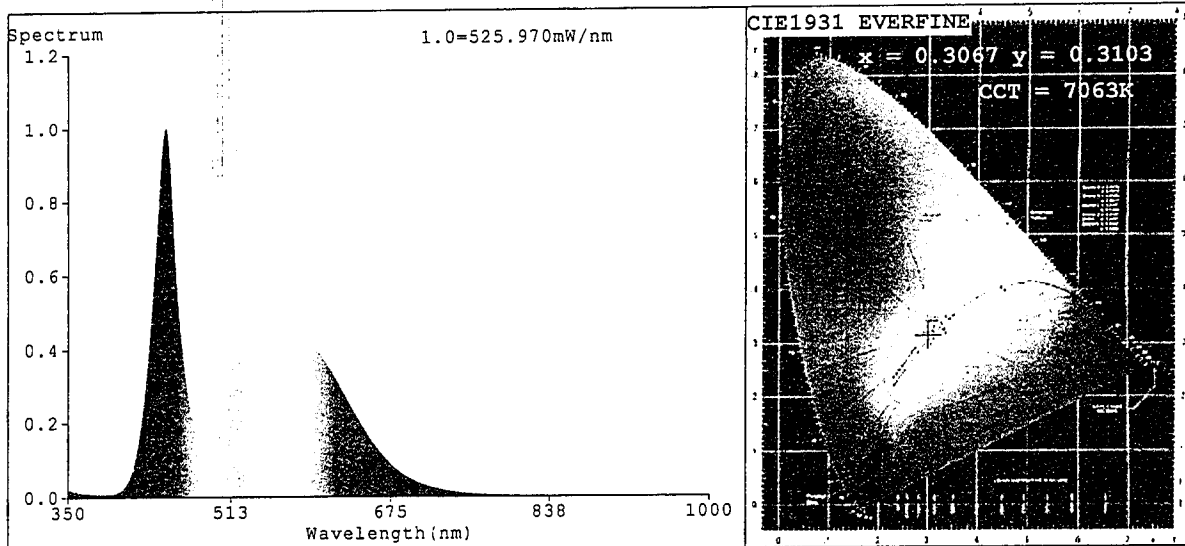
IEC 62612:2013-06

Tested By: 
Signature :
Name: Mohamed samir
Title : Test engineer

AOIEF lighting LAB
Eng. Mohamed Samir Hamed
1613

AOIEF lighting LAB
Eng. Mohamed Samir Hamed
1613

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3067$ $y=0.3103$ $u'=0.2008$ $v'=0.4570$
 CCT=7063K (Duv=-0.0035) Dominant WL:Ld =479.3nm WL:Lc = --nm Purity=11.1%
 Ratio:R=13.6% G=81.2% B=5.3%; Peak WL:Lp=447.3nm FWHM=25.5nm
 Render Index:Ra=82.7 AvgR=76.4 TM30:Rf=81 Rg=98

R1 =84 R2 =85 R3 =83 R4 =85 R5 =85 R6 =79 R7 =86
 R8 =75 R9 =19 R10=62 R11=87 R12=63 R13=83 R14=91 R15=81

Photo Parameters:

Flux = 15089 lm Eff. : 77.39 lm/W Fe = 51.43 W

Electrical parameters:

V = 219.72 V I = 0.8989 A P = 195.0 W PF = 0.9871
 LEVEL:OUT WHITE:OUT

Status: Integral T = 13 ms Ip = 45539 (69%)

Model:flood light 200w
 Tester:eng-mohamed samir
 Temperature:24.8Deg
 Manufacturer:eglight

Number:8012024/02
 Date:2024-01-08
 Humidity:49.5%
 Remarks:

TEST REPORT

ISSUED BY : Lighting Laboratory
DATE OF ISSUE : 8/1/2024
TEST REPORT NO. : L/2/2024

Page 1 of 1 Pages
Approved Signatory
Signature: 
Name: 
Title: Lab. Tech. Mgr

Electronics Factory

P.O. BOX: 84 Heliopolis Cairo- Egypt

Tel. 02- 22694778/02-22694375 Fax : 02-22692480(81)

CUSTOMER & ADDRESS : EGLIGHT

SAMPLE RECEIPT DATE : 8/1/2024

SAMPLE TEST DATE : 8/1/2024

AOIEF Lighting LAB
Eng. Medhat Abdulla
1502

SAMPLE DESCRIPTION:

S.N:08012024/002

Model: Flood light-200W

ENV.CONDITIONS :

Temp: 25 °C

Humidity: 45 %

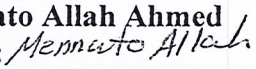
No.	Test item	Reading
1	Input Volt(V)	219.9
2	Input Current(A)	0.9
3	Input power(W)	195.24
4	THD (V)%	1.1
5	THD(I)%	6.2
6	P.F	0.987

BASIS OF TEST:

- LED driver tester /model : LT-101A

AOIEF Lighting LAB
Eng. Mennato Allah Ahmed
1635

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Eng. Mennato Allah Ahmed
1635

Tested By: Mennato Allah Ahmed
Signature : 
Title : Test

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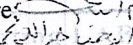
TEST REPORT

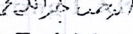
ISSUED BY : Lighting Laboratory
DATE OF ISSUE : 9/1/2024
TEST REPORT NO. : IP/2/2024

Electronics Factory
P.O. BOX : 84 Heliopolis Cairo- Egypt
Tel. 02- 22694778/02-22694375

Page 1 of 3 Pages

Approved Signatory

Signature: 

Name: 

Title: Lab. Tech. Mgr.

Eng. 1502

CUSTOMER & ADDRESS : EGLIGHT

AOIEF Lighting LAB
Eng. Medhat Abdulla
1502

SAMPLE RECEIPT DATE : 9/1/2024

SAMPLE TEST DATE : 9/1/2024

SAMPLE DESCRIPTION:

Test unit :08012024/002

Model: Flood light -200 W

ENV.CONDITIONS :

Temp: 25

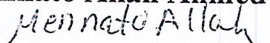
Humidity: 45

BASIS OF TEST:

Ingress protection IP 66

AOIEF Lighting LAB
Eng. Mennato Allah Ahmed
1635

Tested By: Mennato Allah Ahmed

Signature : 

Title : Test Eng

AOIEF Lighting LAB
Eng. Mennato Allah Ahmed
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TEST REPORT

Test Report No. : IP -2 -2024

Page 2 of 3 Pages

Signature: *Medhat Abdulla*

AOIEF Lighting LAB
Eng. Medhat Abdulla
1502

2. IPX6 test

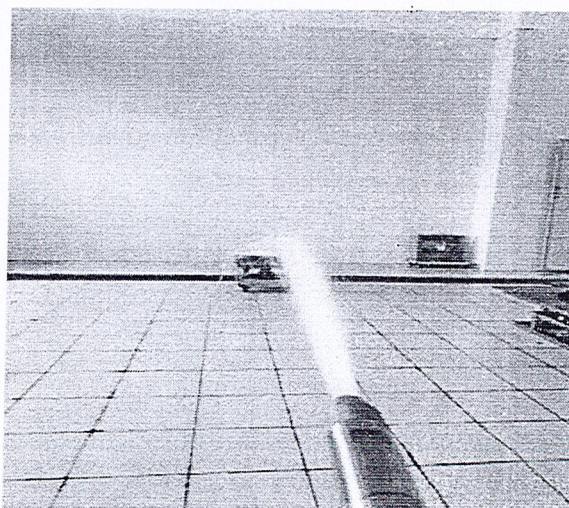
2.1 Test procedure

- 1) The EGLIGHT Flood light -200 W is subjected to a water jet for 3 min from all directions water nozzle shall be held 3 m away from the sample.
- 2) The water pressure at the nozzle shall be adjusted to achieve a water flow rate of 100 L/min $\pm$ 5%

2.2 Evaluation of test results

After the completion of the test, no water entered in the enclosure

1.3) test result : PASS



The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $K = 2$, providing a level of confidence of approximately 95 % .

Test sample are the responsibility of customer and sample represent only itself.

It is customer responsibility to use the submitted test specimens and test results for his manufacturing procedure, design proving or whatever without any obligation on AOIEF except for test results .

TEST REPORT

Test Report No. : IP -2 -2024

Page 3 of 3 Pages

Signature: *Mennato Alah*



1. IP6X test

1.1 Test procedure

- 1) The EGLIGHT Flood light -200 W, is placed with the minimum disturbance in the dust chamber. The chamber contain 2 kg of powder For every cubic meter of its volume
- 2) The fan or blower causing the talcum powder to be in suspension is switched on
- 3) test time 8 hr

1.2 Evaluation of test results

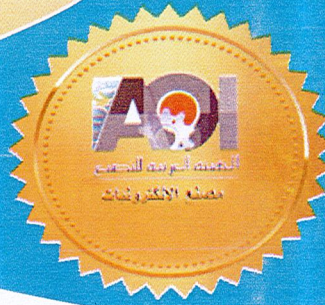
After completion of the tests ,no deposit of talcum powder

1.3) test result : PASS

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $K = 2$, providing a level of confidence of approximately 95 % .

Test sample are the responsibility of customer and sample represent only itself.

It is customer responsibility to use the submitted test specimens and test results for his manufacturing procedure, design proving or whatever without any obligation on AOIEF except for test results .



ISO / 9001: 2015 , 14001: 2015, 45001:2018,17025:2017 Certified

رقم القيد :

التاريخ : 22 / 02 / 2024

Test Report No.(07/2024) LED Luminaire

Based on Request Submitted by (EG. Light - EL SEWEDY)
to conduct Technical Tests for the following sample:

- EG. Light Flood light
- SN:19022024/001

The tests were carried out in the Environmental Laboratories of
Electronics Factory – Arab Organization for Industrialization
(AOIEF-LFL), the results as shown :

Attached :

Test report No. :G/07/2024

Prepared by: Eng.Medhat Abd Alla

---- LTM

Approved by: Eng.Mohamed Abd El Hamid

---- Lab Manager

Authorized by: Eng.Nihal Salama

---- Quality Director



Menka..Ah.m.e.d
B. El Hamid
N. Salama

هاتفون : ٢٢٦٩٤٣٧٥ - ٢٢٦٩٤٧٧٨

فاكس : ٢٢٦٩٢٤٨٠ - ٢٢٦٩٢٤٨١ - القاهرة



العنوان : الماطة الكيلو ٥,٤ طريق القاهرة - السويس

داخل مصنع صقر - بوابة ٣

ص.ب : ٨٤ هليوبوليس - القاهرة

TEST REPORT

ISSUED BY : Lighting Laboratory
DATE OF ISSUE : 22/2/2024
TEST REPORT NO. : G/07/2024

Page 1 of 1 Pages

Approved Signatory

Signature: *Mennato Allah Ahmed*

Name: *Mennato Allah Ahmed*

Title: Lab. Tech. Mgr

Electronics Factory

P.O. BOX: 84 Heliopolis Cairo- Egypt

Tel. 02- 22694778/02-22694375 Fax : 02-22692480(81)

AOIEF Lighting LAB

Eng. Mennato Allah Ahmed

1635

CUSTOMER & ADDRESS : EG.Light - EL SEWEDY

SAMPLE RECEIPT DATE : 19/2/2024

SAMPLE TEST DATE : 21/2/2024

SAMPLE DESCRIPTION:

S.N:19022024/001

Model: EG.light flood light

ENV.CONDITIONS :

Temp: 23 °C

Humidity: 50 %

BASIS OF TEST:

Goniophotometer / model : GO2000-CT400

Test method used :

IEC 61347, IEC 62717, IEC 62722, IEC 62612

No.	Test item	Reading
1	Efficacy	101.8 lm/w

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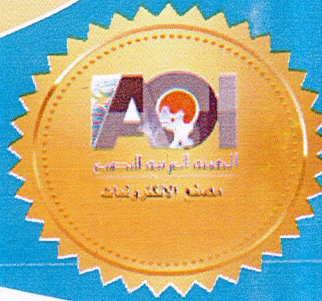
Tested By : Mennato Allah Ahmed

Signature: *Menna Ahmed*

Title : Test Eng

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ISO / 9001: 2015 , 14001: 2015, 45001:2018,17025:2017 Certified

رقم القيد :

التاريخ : 22/2/2024

Test Report No.(08/2024) LED Luminaire

Based on Request Submitted by (EG. Light - EL SEWEDY)
to Conduct Technical Tests for the following sample:

- EG. Light High Bay
- SN:19022024/002

The tests were carried out in the Environmental Laboratories of
Electronics Factory – Arab Organization for Industrialization
(AOIEF-LFL), the results as shown :

Attached :

Test report No. :G/08/2024

Prepared by: Eng. Medhat Abd Alla

---- LTM

Approved by: Eng.Mohamed Abd El Hamid

---- Lab Manager

Authorized by: Eng.Nihal Salama

---- Quality Director



Meena Ahmed

(Signature)

(Signature)

هاتفون : ٢٢٦٩٤٣٧٥ - ٢٢٦٩٤٧٧٨

فاكس : ٢٢٦٩٢٤٨٠ - ٢٢٦٩٢٤٨١ - القاهرة



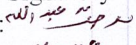
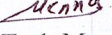
العنوان : المانطة الكينو ٥, ٤ طريق القاهرة - السويس

داخل مصنع صقر - بوابة ٣

ص ب : ٨٤ هليوبوليس - القاهرة

TEST REPORT

ISSUED BY : Lighting Laboratory
DATE OF ISSUE : 22/2/2024
TEST REPORT NO. : G/08/2024

Page 1 of 1 Pages
Approved Signatory
Signature: 
Name: 
Title: Lab. Tech. Mgr

Electronics Factory

P.O. BOX: 84 Heliopolis Cairo- Egypt

Tel. 02- 22694778/02-22694375 Fax : 02-22692480(81)

AOIEF Lighting LAB
Eng. Mennato Allah Ahmed
1635

CUSTOMER & ADDRESS : EG.Light - EL SEWEDY

SAMPLE RECEIPT DATE : 19/2/2024

SAMPLE TEST DATE : 22/2/2024

SAMPLE DESCRIPTION:

S.N:19022024/002

Model: EG.light High Bay

ENV.CONDITIONS : Temp: 23 °C Humidity: 50 %

BASIS OF TEST:

Goniophotometer / model : GO2000-CT400

Test method used :

IEC 61347, IEC 62717, IEC 62722, IEC 62612

No.	Test item	Reading
1	Efficacy	104.79 Lm/w

AOIEF Lighting LAB
Eng. Mennato Allah Ahmed
1635



Tested By: Mennato Allah Ahmed
Signature : 
Title : Test Eng

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TEST REPORT

ISSUED BY : Lighting Laboratory
DATE OF ISSUE : 28/1/2024
TEST REPORT NO. : IP/ 8/2024

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P.O. BOX : 84 Heliopolis Cairo- Egypt
Tel. 02- 22694778/02-22694375

Page 1 of 1 Pages
Approved Signatory
Signature: *Menna Ahmed*
Name: *Menna Ahmed*
Title: Lab. Tech. Mgr

CUSTOMER & ADDRESS : EG LIGHT

SAMPLE RECEIPT DATE : 28/1/2024

SAMPLE TEST DATE : 28/1/2024

SAMPLE DESCRIPTION:

Test unit : High bay -200W

S.N. : 28012024/001

ENV.CONDITIONS :

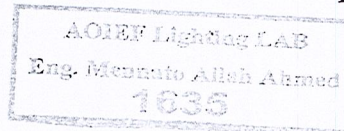
Temp: 25

Humidity: 45

BASIS OF TEST:

Ingress protection IP 65

TEST RESULT : PASS



Tested By: Mennato Allah Ahmed
Signature : *Menna Ahmed*
Title : Test Eng

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TEST REPORT

Test Report No. : IP -8-2024

Page 1 of 2 Pages

Signature: *Menna Ahmed*

1. IP6X test

1.1 Test procedure

- 1) The **High bay -200W** , is placed with the minimum disturbance in the dust chamber. The chamber contain 2 kg of powder For every cubic meter of its volume
- 2) The fan or blower causing the talcum powder to be in suspension is switched on
- 3) test time 8 hr

1.2 Evaluation of test results

After completion of the tests ,no deposit of talcum powder inside Led panel

1.3) test result : PASS

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $K = 2$, providing a level of confidence of approximately 95 % .

Test sample are the responsibility of customer and sample represent only itself.

It is customer responsibility to use the submitted test specimens and test results for his manufacturing procedure, design proving or whatever without any obligation on AOIEF except for test results .

TEST REPORT

Test Report No. : IP -8 -2024

Page 2 of 2 Pages

Signature: *Menna Ahmed*

2. IPX5 test

2.1 Test procedure

- 1) The led luminaire is subjected to a water jet for 3 min from all directions water nozzle shall be held 3 m away from the sample.
- 2) The water pressure at the nozzle shall be adjusted to achieve a water flow rate of $12.5 \text{ L/min} \pm 5\%$

2.2 Evaluation of test results

After the completion of the test, no water entered in the enclosure

1.3) test result : PASS

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $K = 2$, providing a level of confidence of approximately 95 % .
Test sample are the responsibility of customer and sample represent only itself.
It is customer responsibility to use the submitted test specimens and test results for his manufacturing procedure, design proving or whatever without any obligation on AOIEF except for test results .