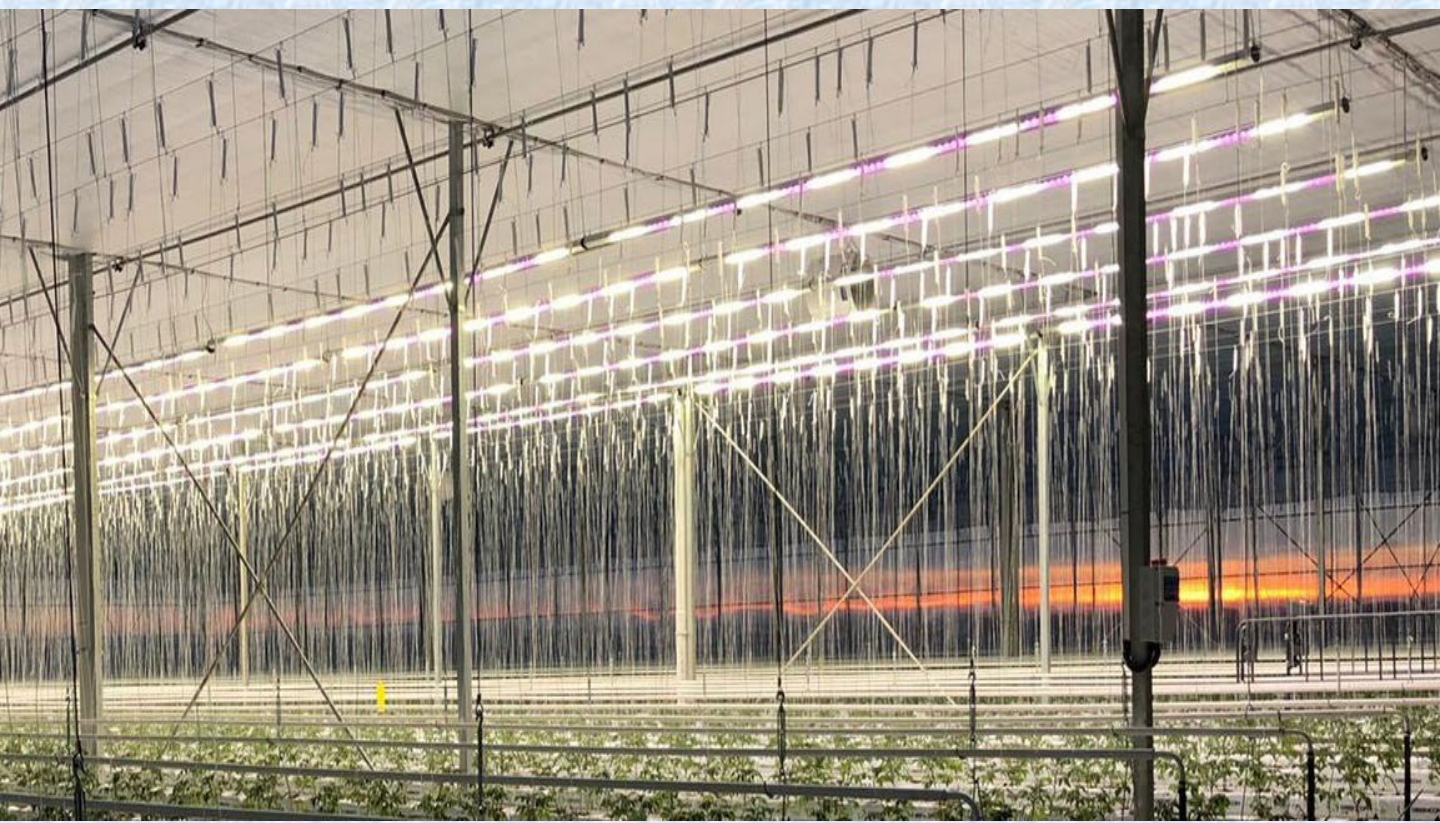


  
**DEMIRLED**®  
Powered By **GESAN ELEKTRONIK**

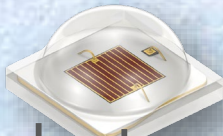
Industrial & Plant LED Lighting Catalog 2022







- ❖ Thousands of products working worldwide
- ❖ 47 years of electronics, 10 years of led lighting experience
- ❖ Approximately seven million square feet of illuminated area
- ❖ Products created with the world's most famous brands



**OSRAM**  
Opto Semiconductors

**SunLike** SEOUL  
Powered by 

 **LUMILEDS**

**SAMSUNG LED**

**MW**  
**MEAN WELL**

**TRIDONIC**

**INVENTRONICS**

**PTC**  
**ÜRÜN TEST VE BELGELENDİRME**  
**SAN. TİC. LTD. ŞTİ**

**Deney Raporu**  
**TEST REPORT**

AB-1374-T  
2021-PTC-1194-2  
11-21

**Müşteri Adı / Adresi:** GESAN AYDINLATMA VE ELEKTRONİK LTD. ŞTİ.  
**Customer name / address:** Reşatbey Mah. Fuzuli Cad. No:13 / F Seyhan – ADANA

**İstek Numarası / Order No:** 2021-PTC-1194

**Numunenin adı ve türü / Name and identity of test item:** LED YÜKSEK TAVAN ARMATÜRÜ

**Numunenin kabul tarihi / The date of receipt of test item:** 03.11.2021

**Açıklamalar / Remarks:** Ürün ilgili testlerden geçmiştir, lütfen raporu inceleyiniz.  
*The product passes related tests, see report below.*

**Deneyin yapıldığı tarih / Date of Test:** 08.11.2021

**Raporun Sayfa Sayısı / Number of pages of the report:** 9

Deney laboratuvarı olarak faaliyet gösteren PTC Ürün Test ve Belgeleme San. Tic. Ltd. Şti., TÜRKAK'tan AB-1374-T akreditasyonu kapsamında TS EN ISO IEC 17025:2017 standardına göre akredite edilmiştir.  
*PTC Ürün Test ve Belgeleme San. Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1374-T accreditation file no for TS EN ISO IEC 17025:2017 as test laboratory.*

Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınması konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uzmanlararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.  
*Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.*

Deney ve Aveya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metotları bu sertifikanın tamamlayıcı kısmını oluşturan sayfa(s)ta yer almaktadır.  
*The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.*

Mühür / Seal	Tarih / Date	Deneyi Yapan Personel / Person in Performing the Test	Deney / Person
	08.11.2021	Dijital olarak imzalayan EMİNE NUR ÇİDEM Tarih: 2021.11.09 17:36:21 +03'00'	Dijital olarak imzalayan EMİNE NUR ÇİDEM Tarih: 20 +03'00'

**DENEY RAPORU / TEST REPORT**

PTC Ürün Test ve Belgeleme San. Tic. Ltd. Şti.  
Aydın Mah. Fuzuli Mah. Fuzuli Cad. No:13 / Seyhan / Adana  
Tel: +90 216 225 83 41 e-mail: info@ptc-turkey.com.tr  
Dok. No: PR.20-89-24 / Rev. Tarihi: 30.03.2020

**ÖZYEĞİN ÜNİVERSİTESİ**  
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**(ÖZYEĞİN UNIVERSITY EVATEG CENTER)**  
Özyeğin Üniversitesi Çekirgeköy Kampüsü  
Nispetiye Mah. Orman Sok. 34794 Çekirgeköy – BİSTANUL  
www.evateg.com  
evateg.info@ozyegin.edu.tr

**Ölçüm Sonuçları ve Analiz Raporu**  
*(Measurement Results and Analysis Report)*

AB-1115-T  
0992-1  
08.04.2020

**MÜŞTERİNİN ADI / ADRESİ / CUSTOMER NAME/ADDRESS:** Gesan Aydınlatma ve Elektronik San. Tic. Ltd. Şti.  
Reşatbey Mah. Fuzuli Cad. No:13/F Seyhan/Adana

**TALEP/RAPORNO / ORDER/REPORT NO:** 992-1

**NUMUNENİN KABUL TARİHİ / THE DATE OF RECEIPT OF TEST ITEM:** 03.04.2020

**ÖLÇÜMÜN YAPILDIĞI TARİH / DATE OF TEST:** 03.04.2020

**NUMUNENİN ADI VE TARIHİ / NAME AND IDENTITY OF TEST ITEM:** LED ARMATÜR  
DMR-HB660-500W

**UYGULANAN STANDART/METOD / APPLIED STANDARD/METHOD:** TS EN 13032-1:2004 + A1:2012 Light and Lighting - Measurement and Presentation of Photometric Data of Lamps and Luminaires Part 1: Measurement and File.  
IES-IM-79-08 Approved Method : Electrical and Photometric Measurements of Solid-State Lighting Products

**RAPORUN SAYFA SAYISI / NUMBER OF PAGES OF THE REPORT:** 17

**AÇIKLAMALAR / NOTES:** Gonyofotometre sonuçlarını içerir.

Ölçüm yapıldığı laboratuvarın, TÜRKAK'tan AB-1115-T akreditasyonu numarası ile TS EN 13032-1 standardına göre akredite edilmiştir. (EVATEG Optical Laboratory accredited by TÜRKAK under registration 2.2004-A1:2012 and IES-IM-79-08 as test laboratory.)  
M) deney raporlarının tanınması konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uzmanlararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır. (Turkish Accreditation Agency (TÜRKAK) is a signatory for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Arrangement (MRA) for the recognition of test reports.)

Tarih / Date	Ölçüm Sorumlusu / (Person in charge of measurement)	Onaylayan / (Approval)
04.11.2020		

Ölçüm sonuçları raporun 9. sayfasında yer almaktadır. Bu raporun laboratuvarın web sitesinde bulunmasını sağlamak amacıyla bu raporun tamamı bu sayfa(s)ta yer almaktadır. (The test results are given on page 9 of this report. To ensure the availability of the test results on the laboratory's website, the entire report is included on this page(s).)

**T.C. TÜRK PATENT VE MARKA KURUMU**  
**MARKA TESCİL BELGESİ**

Marka No : 2020 74449 - Ticaret - Hizmet

**DEMIRLED**

Marka Sahibi : GESAN AYDINLATMA VE ELEKTRONİK SANAYİ TİCARET LİMİTED ŞİRKETİ  
TÜRKİYE CUMHURİYETİ  
REŞATBEY MAH. FUZULİ CAD. NO:13/E SEYHAN / ADANA  
Emlak : 11,35  
İlişiktir.

İşbu Marka 03/07/2020 tarihinden itibaren ON YIL süreyle 17/02/2021 tarihinde tescil edilmiştir.

**TURK PATENT**

Prof. Dr. Habip ASAN  
Türk Patent ve Marka Kurumu Başkanı

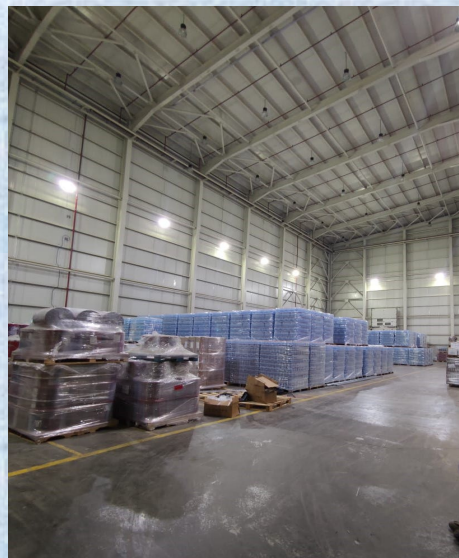
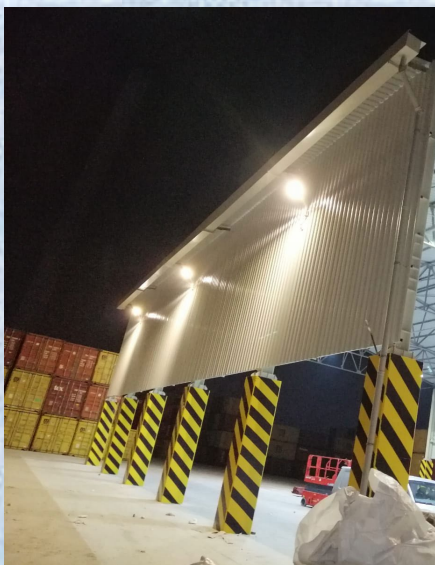
Certificates & Registered Trademark



# Flood Lighting

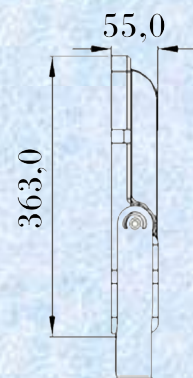
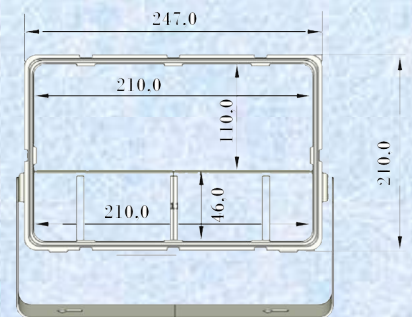
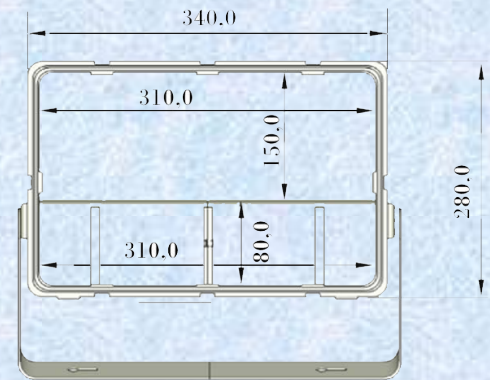
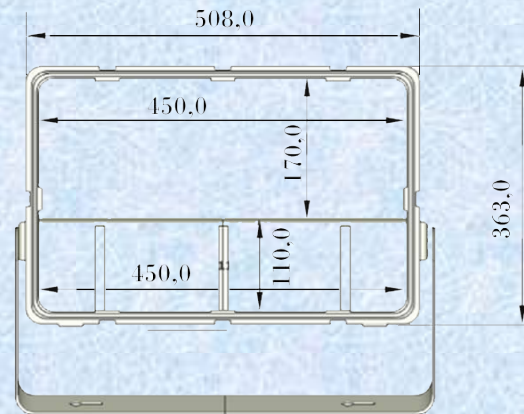


Order Code	Power	Light Intensity	Optic	Classical Lighting Equivalent
DMR-SM173-30W	30 Watt	4920 LUMEN	Optional	90W HPS
DMR-SM173-50W	50 Watt	8200 LUMEN	Optional	150W METAL
DMR-SM173-80W	80 Watt	12300 LUMEN	Optional	250W MERCURY
DMR-SM173-140W	140 Watt	18760 LUMEN	Optional	400W METAL
DMR-SM173-250W	250 Watt	41000 LUMEN	Optional	400W HPS
DMR-LD55-500W	500 Watt	82000 LUMEN	Optional	1000W METAL



## SPECIFICATIONS

Led Chip	<b>SAMSUNG , LUMILEDS</b>
Input Voltage	90– 275V
Efficacy	164 Lumen/Watt
Frequency	50 - 60 Hz
Thermal Management	Passive
Dimming	Optional
Light Distribution	120° - 90°- 60° - 45°
Lifetime	> 54000hrs
THD (Total Harmonic Distortion)	< %10
Power Factor	> 95%
Certifications	LM79,CE
Warranty	5 Year Standard Warranty
Driver	Meanwell, Inventronics, Tridonic





# Industrial Lighting

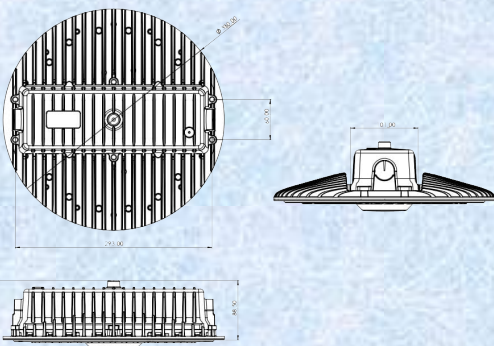
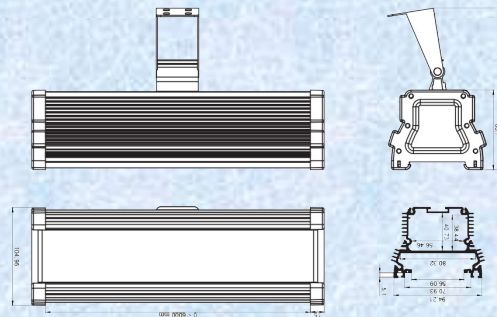
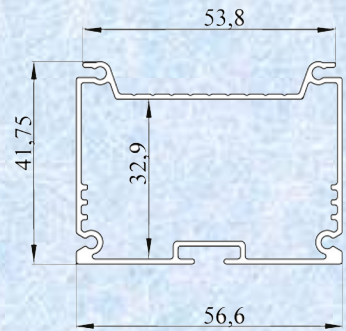


Order Code	Power	Light Intensity	Optic	Classical Lighting Equivalent
DMR-GS05-25W	25 Watt	4100 LUMEN	160°	2X18W FLUORESCENT
DMR-GS10-38W	38 Watt	6200 LUMEN	160°	2X36W FLUORESCENT
DMR-GS10-50W	50 Watt	8200 LUMEN	160°	2X58W FLUORESCENT
DMR-YT05-65W	65 Watt	10600 LUMEN	Optional	2X54W T5 FLUORESCENT
DMR-YT10-130W	130 Watt	21000 LUMEN	Optional	400W METAL
DMR-HB300-160W	160 Watt	26000 LUMEN	Optional	400W HPS



## SPECIFICATIONS

Led Chip	SAMSUNG , LUMILEDS
Input Voltage	90– 275V
Efficacy	164 Lumen/Watt
Frequency	50 - 60 Hz
Thermal Management	Passive
Dimming	Optional
Lifetime	> 54000hrs
THD (Total Harmonic Distortion)	< %10
Power Factor	> 95%
Certifications	LM79,CE
Warranty	5 Year Standard Warranty
Driver	Meanwell, Inventronics, Tridonic

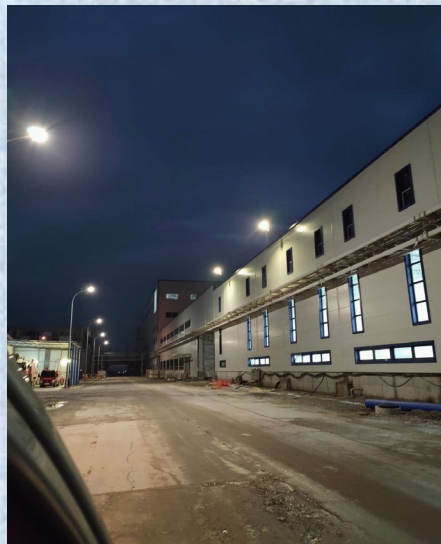




# Street Lighting



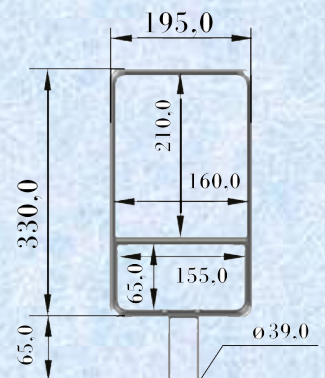
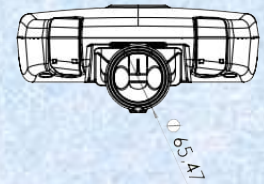
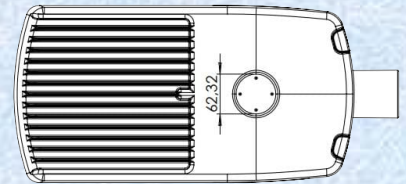
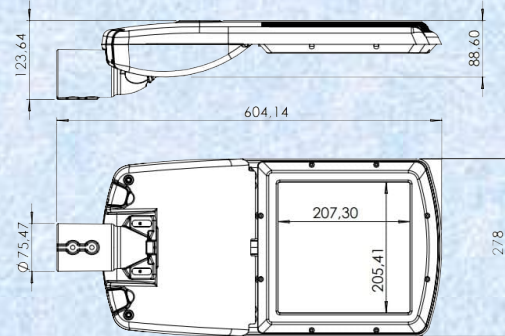
Order Code	Power	Light Intensity	Optic	Classical Lighting Equivalent
DMR-SK1-25W	25 Watt	4100 LUMEN	Asymmetric	90W HPS
DMR-GS10-38W	38 Watt	6200 LUMEN	Asymmetric	125W MERCURY
DMR-GS10-50W	50 Watt	8200 LUMEN	Asymmetric	250W MERCURY
DMR-YT05-65W	80 Watt	12300 LUMEN	Asymmetric	150W METAL
DMR-YT10-130W	150 Watt	24600 LUMEN	Asymmetric	400W METAL
DMR-HB300-160W	185 Watt	30000 LUMEN	Asymmetric	400W HPS





## SPECIFICATIONS

Led Chip	<b>SAMSUNG , LUMILEDS</b>
Input Voltage	90– 275V
Efficacy	164 Lumen/Watt
Frequency	50 - 60 Hz
Thermal Management	Passive
Dimming	Optional
Lifetime	> 54000hrs
THD (Total Harmonic Distortion)	< %10
Power Factor	> 95%
Certifications	LM79,CE
Warranty	5 Year Standard Warranty
Driver	Meanwell, Inventronics, Tridonic



# Plant Lighting



Order Code	Power	PPF	Optic	Classical Lighting Equivalent
DMR-AGRIC600	60Watt	168 $\mu\text{mol/j}$	120°	90W HPS
DMR-AGRIC800	80Watt	224 $\mu\text{mol/j}$	120°	150W HPS
DMR-AGRIC2400	240Watt	768 $\mu\text{mol/j}$	120°	600W HPS
DMR-AGRIC4400	440Watt	1408 $\mu\text{mol/j}$	120°	1000W HPS
DMR-AGRIC500W	500Watt	1600 $\mu\text{mol/j}$	120°	1000W HPS
DMR-AGRIC6600	660Watt	2112 $\mu\text{mol/j}$	120°	1200W HPS



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*New Eresus Series*

3.3  $\mu\text{mol/j}$

**SAMSUNG**  
LM 301H

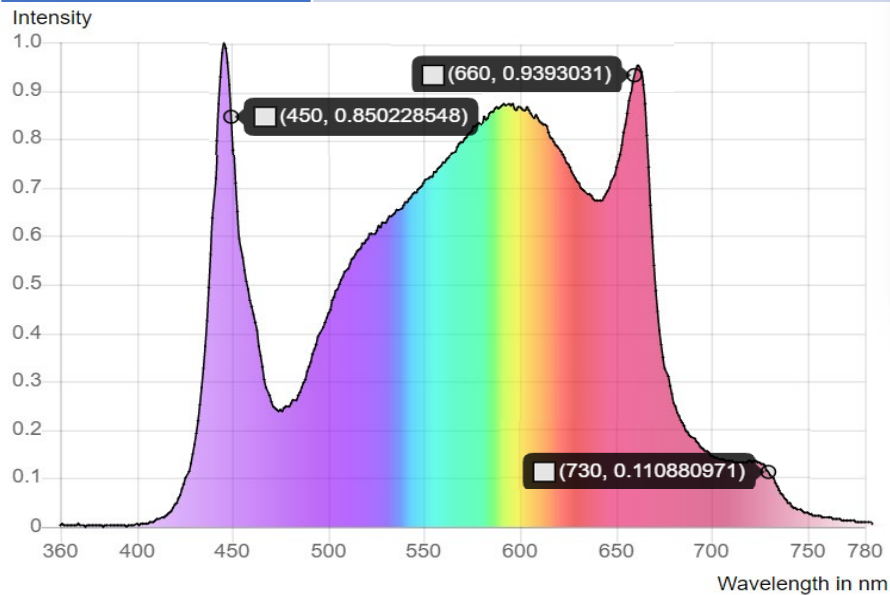
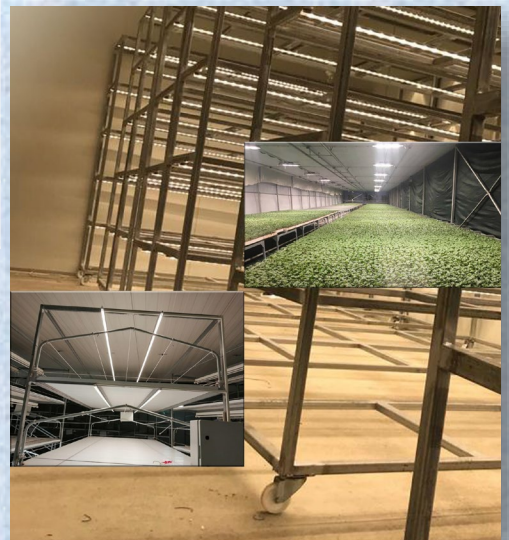
110 Watt - 220 Watt - 440 Watt - 660 Watt

400 450 500 550 600 650 700 750

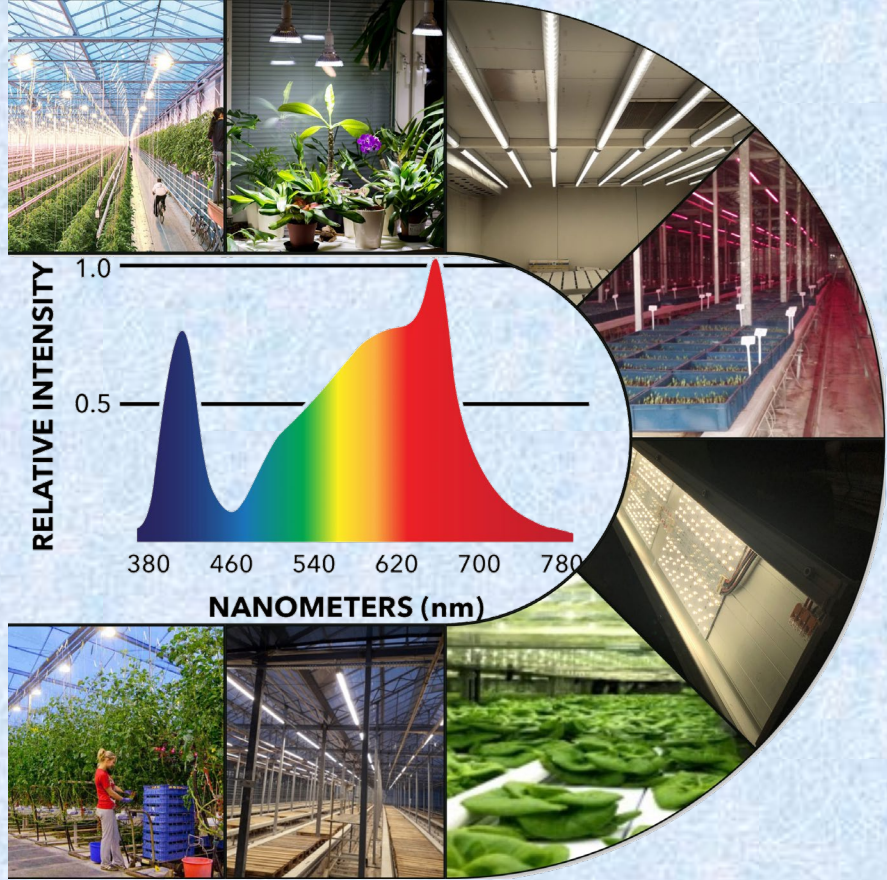


## SPECIFICATIONS

Spectrum	<b>SAMSUNG LM301 SERIES</b> <b>4000K Full Spectrum,</b> <b>660nm Red, 730nm Far Red</b>
Input Voltage	90– 275V
Efficacy	3.2 $\mu\text{mol}/\text{j}$
Thermal Management	Passive
Dimming	0-10V
Lifetime	> 54000hrs
Power Factor	> 95%
Certifications	LM79,CE
Warranty	5 Year Standard Warranty
Driver	Meanwell, Inventronics, Tridonic







**GESAN AYDINLATMA VE ELEKTRONİK LTD. ŞTİ.**

**Yeşiloba Mah. Efer-3 Sanayi Sitesi No:1G Seyhan - Adana - TÜRKİYE**

**www.gesanltd.com - www.demirled.com**

**info@gesanltd.com Gsm: +90.533.226 00 43**