

# MPG-1N

N° INDUSTRIAL DESIGN 002419168

180 Lm/w  
100.000 LIFE TIME HOURS

DRIVER by  
**MW**  
MEAN WELL

UP TO **75%**  
ENERGETIC  
SAVING

## 20-70<sub>w</sub>

90 - 305Vac • 50/60Hz • Class I

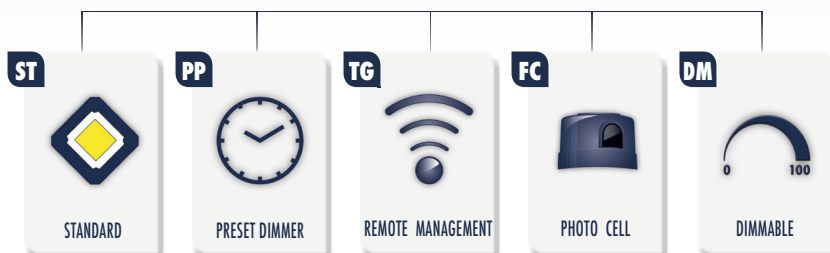
**OPTION:**

90 - 305Vac • 50/60Hz • Class II

12/24 Vdc (photovoltaic systems)



### OPTIONS



**RoHS**  
2002/95/EC

CE



EN62471:2009  
PHOTOBIOLOGICAL SAFETY  
OF LAMPS AND LAMP SYSTEM



CB

**ENERGY SAVER** UP TO **75%** A++

Diese neuen **MPG-1N**-Leuchten enthalten **MICROLED PLUS** der neuesten Generation mit **150-160 lm/w** und TÜV-Zertifikat sowie neu entwickelte Glaslinsen von hohem Reinheitsgrad (96%) und niedriger Absorption (unter 5%). Ihre divergierend-asymmetrische Geometrie gibt dem **Lichtstrahl eine größere Ausdehnung und macht ihn gleichmäßiger**.

Vollständig aus sehr korrosionsbeständigem Aluminium hergestellt; verfügbar in den Farben, die Sie dem Anhang entnehmen können; zeichnet sich unter anderem durch Härte und Langlebigkeit sowie eine höhere Belastbarkeit gegenüber UV-Strahlen aus, so dass die Wartungskosten niedriger sind.

Eingebauter TÜV-zertifizierter Regler mit hohem Überspannungsschutz gegen in öffentlichen Stromnetzen häufig vorkommende Spannungsschwankungen.

Die Leuchten Serie **MPG-1N** wird in verschiedenen Spannungen angeboten 90 - 305VAC oder optional auch in 12 - 24VDC sowie in verschiedenen Lichtfarben, von 3.000K - 5.500K.

Estas nuevas luminarias **MPG-1N** incorporan los nuevos **MICROLED PLUS** de última generación de **150-160lm/w**, con certificado **TÜV**, además de novedosas lentes de vidrio de alta pureza (96%) y baja absorción (menos de un 5%), que presentan una geometría divergente-asimétrica, **generando un haz luminoso de mayor extensión y uniformidad**.

Fabricada íntegramente a partir de un aluminio muy resistente a la corrosión; disponible en los colores que adjuntamos, entre sus cualidades destaca su dureza y su larga vida, además de una mayor resistencia a los rayos UV, lo que reduce los costes de mantenimiento.

Instalamos en su interior, arrancadores con certificado **TÜV** y con gran protección frente a las sobretensiones, típicas de las redes de distribución públicas.

La gama **MPG-1N** de luminarias se suministra en un rango de tensión 90 - 305VAC, opcional 12 - 24VDC; así como en diversas temperaturas de color (3.000 - 5.500 K).

This new streetlamp **MPG-1N** incorporate the latest generation of **MICROLED PLUS** of **150-160lm/w**, with **TÜV** certificate, as well as novel lens made with high purity glasses (96%) and low absorption (less than 5%) with a divergent-asymmetric geometry, **generating a greater extent and uniformity light beam**.

Made entirely with aluminium high corrosion resistant, available in colours attached. Among its qualities stand out its hardness and long life, besides a greater UV resistance, than reduce the maintenance cost.

Drivers installed in, with **TÜV** Certificate and with great protection to overvoltages, typical by public distribution grid.

The **MPG-1N** luminaire range can be supplied at different voltage ranges: 90 - 305VAC, optional 12 - 24VDC, as well as in various color temperatures (3.000 - 5.500K).

Estas novas luminárias **MPG-1N** incorporam os novos **MICROLED PLUS** de última geração de **150-160lm/w**, com certificado **TÜV**, e ainda lentes de vidro de alta pureza (96%) e baixa absorção (menos de 5%), que apresentam uma geometria divergente-assimétrica, **gerando um feixe luminoso de maior extensão e uniformidade**.

Fabricadas integralmente a partir de um alumínio muito resistente à corrosão; disponíveis nas cores que anexamos, entre as suas qualidades destacam-se a sua dureza e a longa duração, além de uma maior resistência aos raios UV, o que reduz os custos de manutenção.

Incluem no seu interior, arrancadores com certificado **TÜV** e com grande protecção às sobretensões, típicas da rede de distribuição públicas.

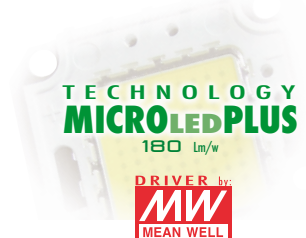
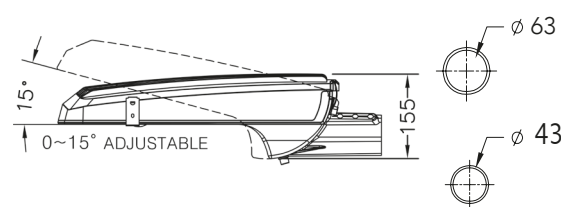
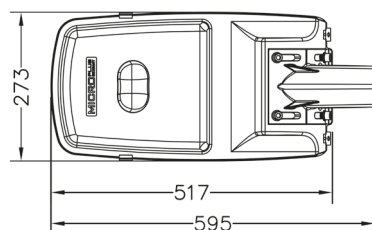
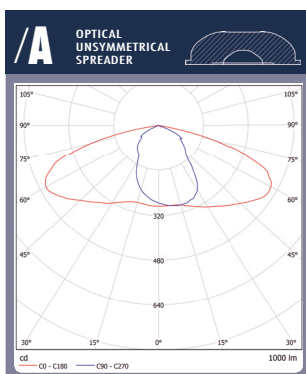
A gama de luminárias **MPG-1N** é fornecida com tensões entre os 90 - 305 VAC, opcional 12 - 24 VDC; assim como em diferentes temperaturas de cor (3.000 - 5.500 K).

Ces nouvelles luminaires **MPG-1N** incorporent les nouveaux **MICROLED PLUS** de dernière génération de **150-160lm/w**, avec certifica **TÜV**, avec de nouvelles lentilles de verre de haute pureté (96%) et baisse absorption (moins de 5%), qui présentent une géométrie divergent-asymétrique, **en produisant un faisceau lumineux plus étendu et uniforme**.

Fabriquée complètement à partir d'un aluminium très résistant à la corrosion ; disponible dans les couleurs que nous joignons, entre ses qualités il souligne sa dureté et sa longue vie, avec une plus grande résistance aux rayons UV, ce qui réduit les coûts de maintien.

Ils installent dans leur intérieur, démarreurs avec certifica **TÜV** et avec une grande protection face aux surtensions, typiques des réseaux de distribution publics.

La gamme de luminaires **MPG-1N** est fourni dans une gamme de tension 90 - 305VAC, en option 12 - 24VDC; ainsi que diverses température de couleur (3.000 - 5.500 K).



RENDIMIENTOS DE LA LUMINARIA EN PRUEBAS DE LABORATORIO CON TEMPERATURA AMBIENTE DE 25°C

PERFORMANCE OF THE LUMINARIES IN LABORATORY TESTS WITH ROOM TEMPERATURE OF 25 ° C

REFERENCE MODEL	OPTIONS					TECHNICAL CHARACTERISTICS OF THE STREETLAMP													
	CONTROL	NOMINAL POWER	VOLTAGE	TEMPERATURE	LENS TYPE	STREETLAMP POWER	LUMINOUS FLUX	WEIGHT	SIZE STREETLAMP	INPUT VOLTAGE	CONSTRUCTION STREETLAMP	SYSTEM LIGHTING	LIFETIME	WORKING TEMPERATURE	EFFICIENCY	PROTECTION			
																IP	IK	ELECTRIC	
<b>MPG-1N</b>	/ST /PP /TG /FC /DM	/020	/VAC /VDC /VACII	/3.0 /3.8 /4.5 /5.5	/A	20W	3.000 Lm	6 kg	540 x 255 x 100 mm	90 - 305 Vac or 12 / 24 Vdc	INJECTED ALUMINIUM	1 MICROLED PLUS 32 Vdc	100.000 HOURS	- 40° C ~ + 55° C	92 %	IP67	IK08 (option IK10)	TYPE I or TYPE II	
		/030				30W	4.500 Lm												
		/040				40W	6.000 Lm												
		/050				50W	7.500 Lm												
		/060				60W	9.000 Lm												
		/070				70W	10.500 Lm												6,35 kg

**MICROPLUS GERMANY** garantiza sus productos contra todo defecto de fabricación, en condiciones correctas de funcionamiento y servicio, por el plazo que se reseña a contar desde la fecha de entrega a primer comprador, según fecha de factura o albarán de entrega de **MICROPLUS GERMANY** si la entrega es posterior:

- 100.000 Horas para el Microled Plus
- 10 AÑOS en líneas MPG y KS. Garantía total de producto.
- 5 AÑOS en resto de productos de Iluminación.



La garantía comprende la reparación o sustitución de los productos reconocidos defectuosos por nuestro Personal Técnico y / o laboratorio de ensayo, de acuerdo con las CONDICIONES GENERALES DE GARANTÍA **MICROPLUS GERMANY** de las que lo aquí recogido resulta sólo un extracto, así como de acuerdo con las CONDICIONES PARTICULARES DE GARANTÍA de cada uno de los productos o líneas de producto comercializados bajo la marca **MICROPLUS GERMANY**.

Se excluyen los casos de fuerza mayor, desgaste natural, indebida manipulación y / o manejo, no seguimiento de instrucciones, mala conservación, uso inadecuado, fenómenos atmosféricos no contemplados expresamente o cualquier otro defecto o trastorno no imputable a los productos, equipos o Personal Técnico de **MICROPLUS GERMANY**.

**MICROPLUS GERMANY** se reserva la facultad de suministrar un modelo diferente de producto y / o componente para atender las reclamaciones en garantía para el caso de que el modelo original hubiera dejado de fabricarse.

**MICROPLUS GERMANY** guaranteed its products against defects in workmanship, under proper operation and service for the period indicated as of the date of delivery to the first purchaser, invoice 's date or delivery note if the delivery by **MICROPLUS GERMANY** is posterior, as follow:

- 100,000 hour for Microled Plus
- 10 YEARS for its MPG and KS 's lines. Full guarantee for the product.
- 5 YEARS in the other lighting products



he warranty covers the repair or replacement of defective products recognized by our testing laboratory and / or our Technical Staff in accordance with the **MICROPLUS GERMANY GENERAL WARRANTY CONDITIONS** by every product or product 's line, as ir described herein, just like an example, as well as, according to the **SPECIAL GUARANTEED CONDITIONS** or evary and / or product 's lines marketed under the brand **MICROPLUS GERMANY**

Cases of force majeure, natural wear, improper handling and / or management failure to follow instructions also poor maintenance, improper use, atmospheric phenomena not dealt or any other defect or condition not attributable to the products, equipment or technical personnel are excluded by **MICROPLUS GERMANY**.

**GERMANY MICROPLUS** keeps the right to provide a different model of product and / or component to meet warranty claims in the event that the original model is no longer manufactured.

**MICROPLUS GERMANY** garantie ses produits contre tout défaut de fabrication, en conditions correctes de fonctionnement et service, pour un délai indiqué à compter de la date de livraison au premier acheteur, suivant date de facture ou bordereau de livraison de **MICROPLUS GERMANY** si la livraison est postérieure.

- 100.000Heures pour le Microled Plus
- 10 ANS en lignes MPG et KS. Garantie totale du produit.
- 5 ANS pour le reste des produits d'éclairage



La garantie comprend la réparation ou le remplacement des produits reconnus défectueux par notre Personnel Technique et ou laboratoire d'essais, en accord avec les CONDITIONS GÉNÉRALES DE GARANTIE **MICROPLUS GERMANY**, des quelles ce qui est ci-dessus indiqué n'est qu'un extrait, ainsi qu'en accord avec les CONDITIONS GÉNÉRALES DE GARANTIE de chaque produit ou séries de produits commercialisés sous la marque **MICROPLUS GERMANY**.

Sont exclus les cas de force majeure, usure naturelle, manipulation incorrecte et / ou utilisation sans suivre le respect des instructions, mauvaise conservation, utilisation inadaptée, phénomènes atmosphériques non inclus expressément ou tout autre défaut ou faille non imputable aux produits, équipements ou Personnel Technique de **MICROPLUS GERMANY**.

**MICROPLUS GERMANY** se réserve la faculté de fournir un modèle différent de produit et / ou composant pour répondre aux demandes de garantie au cas ou le modèle original ne serait plus fabriqué.

**MICROPLUS GERMANY** garante os seus produtos contra defeitos de fabrico, em condições de correcto funcionamento, a partir da data de entrega factura, ao primeiro comprador, data da factura ou nota de entrega, se a entrega de **MICROPLUS GERMANY** é mais tarde:

- 100.000 mil horas para o Microled Plus
- 10 Anos de garantia nas linhas MPG e KS. Garantia total do Produto
- 5 Anos no resto dos produtos de iluminação



A garantia cobre a reparação ou substituição de produtos defeituosos reconhecidos pelo nosso laboratório de testes ou Equipe Técnica, de acordo com as condições gerais de GARANTIA **MICROPLUS GERMANY** aqui apresentadas em resumo, bem como de acordo com as CONDIÇÕES ESPECIAIS garantia a cada produto ou linhas de produtos comercializados sob a marca **MICROPLUS GERMANY**.

Excluem-se os casos de força maior, desgaste natural, manipulação imprópria e / ou não observância das instruções montagem e funcionamento, falta de manutenção, uso indevido, fenómenos atmosféricos não contemplados, ou qualquer outro defeito ou condição não atribuível aos produtos, equipamentos ou pessoal técnico são excluídos de **MICROPLUS GERMANY**.

**MICROPLUS GERMANY** reserva-se o direito de fornecer um modelo diferente de produto e / ou componente para atender às reivindicações de garantia no caso do modelo original ter deixado de se fabricar ou ter sofrido atualização técnica, sem prejuízo da qualidade e eficiência do equipamento a fornecer.

Die Garantie von **MICROPLUS GERMANY**-Produkten gilt bei jeder Art von Produktionsfehler, wenn das Produkt ordnungsgemäß verwendet und bedient wurde. Die Garantiezeit gilt ab Lieferdatum an den Erstkäufer oder ab Rechnungs- bzw. Lieferscheindatum, wenn die Lieferung später erfolgt:

- 100.000 Stunden für die Microled Plus
- 10 JAHRE umfassende Produktgarantie für die Produktlinien MPG und KS.
- 5 JAHRE für alle übrigen Beleuchtungsprodukte.



Garantieleistungen sind Reparatur oder Ersatz der von unseren Technikern oder dem Testlabor als schadhaft anerkannten Produkte in Übereinstimmung mit den ALLGEMEINEN GARANTIEBEDINGUNGEN VON **MICROPLUS GERMANY**, von denen Sie hier nur einen Auszug lesen, sowie in Übereinstimmung mit den BESONDEREN GARANTIEBEDINGUNGEN, die für die einzelnen Produkte oder Produktlinien der Marke **MICROPLUS GERMANY** beschrieben sind.

Ausgeschlossen von der Garantie sind Schäden durch höhere Gewalt, natürlichen Verschleiß, unsachgemäße Handhabung und / oder Bedienung, Nichteinhalten der Gebrauchsanleitung, mangelhafte Aufbewahrung, zweckwidrige Verwendung, Wetterphänomene, die nicht ausdrücklich aufgeführt sind, oder jeglicher andere Mangel oder Störung, die nicht dem Produkt, der Beleuchtungsanlage oder dem technischen Personal von **MICROPLUS GERMANY** zugeschrieben werden können.

**GERMANY MICROPLUS** behält sich bei Garantieleistungen das Recht vor, ein anderes Produktmodell und / oder eine andere Komponente zu liefern, falls das Originalprodukt nicht mehr hergestellt wird..

# LONG LIFE NEMA PHOTOCELLS

Accurate switching and long service life - recommended for LEDs

The Charles Endirect 8480, 8481, 8483 & 8480-H Long Life Photocells incorporate a silicone integrated photodiode & amplifier with spectral and angular response, approximating that of an accurate colour-corrected cosine photometer. The use of silicone light sensors in light detection is of great importance, due to the increased awareness by electricity supply utilities of the high drift associated with other detectors. These Long Life Photocells also employ the patented Relay Assisted Triac (RAT) switching technique which has been employed in Charles Endirect lighting controls to reliably switch reactive lighting loads for decades. Charles Endirect Long Life Photocells are manufactured in the EU to the highest standards offering you the most reliable street light on/off switching solution.

All these photocells are available with user specified switch on illumination levels (specified in lux (lx) or foot candles (fc)) and with user specified switch 'ON' and switch 'OFF' light levels i.e the 'switching ratio' and user specified time delays.

## Key benefits:

- Recommended for use with LED luminaires owing to the Long service life achieved by Relay Assisted Triac switching
- Accurate evening to morning switching
- RAT (Relay Assisted Triac) patented switching with negligible power loss in RAT switch
- Special anti-weathering plastic enclosure material
- Incorporates a state-of-the-art micro-controller
- Circuit power consumption <0.25 watts @ 230V 50Hz (Charles Endirect 8480, 8480-H)
- Controls reactive loads
- Switching cycles on loads of 3 X 400 Watt High Pressure Sodium Luminaires
- The RAT switch has been independently tested to 30,000 switching cycles on the 8480.



Charles Endirect

[CharlesEndirect.com](http://CharlesEndirect.com)

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Wessex Way  
Wincanton Business Park  
Wincanton  
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### Technical Specification

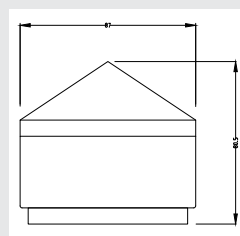
	8480	8481	8483	8480-H
<b>NEMA Base</b>	✓	✓	✓	
<b>Hard Wired</b>				✓
<b>Supply Voltage</b>	200 to 260 Volts	105 to 305 Volts 50/60Hz	105 to 305 Volts 50/60Hz	200 to 260 Volts 50/60Hz
<b>Power Supply consumption</b>	<250mW @ 230V 50Hz	350mW nominal @ 230 volts AC	350mW nominal @ 230 volts AC	<250mW @ 230V 50Hz
<b>Maximum load current (A)</b>	10	16	16	10
<b>Load Rating</b>	2kVA	1800VA, 1000W	1800VA, 1000W	2kVA
<b>Operating Temperature</b>	-20°C to + 70°C (-4°F - 158°F)	-40°C to 70°C (-40°F - 158°F)	-40°C to 70°C (-40°F - 158°F)	-20°C to + 70°C (-4°F - 158°F)
<b>Switch On Levels</b>	70 lux (others on request)	3fc (others on request)	3fc (others on request)	70 lux (others on request)
<b>Light Sensor</b>	Colour corrected silicon photodiode + amplifier	Colour corrected silicon photodiode + amplifier	Colour corrected silicon photodiode + amplifier	Colour corrected silicon photodiode + amplifier
<b>Switch On: Switch OFF ratio:</b>	1:0.5 standard (others on request)	1:0.5 standard (others on request)	1:0.5 standard (others on request)	1:0.5 standard (others on request)
<b>ON to OFF and OFF to ON time delays</b>	25 seconds standard (others on request)	25 seconds standard (others on request)	25 seconds standard (others on request)	25 seconds standard (others on request)
<b>Standards Compliance</b>	Environmental: RoHS and WEEE		Manufacturing: IS EN ISO 9001: 2008	

The 8480, 8481 and 8483 have a three blade NEMA plug-in locking electrical connection. The 8480-H has a 3 cable flying lead hard-wired electrical connection system and an M20 threaded mounting se-cured by locknuts and gaskets.

The 8481 and 8483 incorporate a universal power supply capable of operating on the voltages from 105 to 305 Volts 50/60 Hz. The 8483 has a north facing window; the 8480, 8481 and 8480-H have upward facing light sensors that can view the whole sky.



ALL WESTIRE TECHNOLOGY LIMITED PRODUCTS ARE MANUFACTURED EXCLUSIVELY FOR CHARLES ENDIRECT LIMITED WITHIN THE EUROPEAN UNION AND IN COMPLIANCE WITH ALL THE NECESSARY EU DIRECTIVES APPLICABLE TO ROAD AND STREET LIGHT CONTROLS. AUTOMATED STATE OF THE ART PRODUCTION MACHINERY IS UTILISED FOR THE MANUFACTURING OF THOSE PRODUCTS ALONG WITH ALL THE NECESSARY QUALITY CONTROL SYSTEMS, COMPUTERISED TEST EQUIPMENT AND BURN-IN OVENS. REGULAR INDEPENDENT AUDITS ARE CARRIED OUT TO ENSURE FULL COMPLIANCE WITH I.S. EN ISO, UL AND CUL MANUFACTURING STANDARDS.





## WESTIRE (16) SIXTEEN YEARS GUARANTEE

**WESTIRE Ireland Limited, Industrial Estate, Belmullet, County Mayo, F26TE81, Ireland** hereafter designated and trading as "WESTIRE", guarantees that its Photocell Products are free from defects in their components and manufacturing for a period of (16) sixteen years from the date of installation. This date guarantee calendar is molded into the base section of each photocell so as the user can indicate or inscribe when the photocell was installed. If no date is indicated or inscribed, then the date of manufacturer will comply as the installation date.

### Definitions:

**WESTIRE:** WESTIRE Ireland Limited, producer of the products covered by this guarantee.

**Products:** WESTIRE Photocells one and Two-Part NEMA and Hard-Wired types and all identified by WESTIRE logo, reference number, and serial number.

**End-User:** The company who acquired the Products for installation in light fixtures and lanterns owned directly by the company or for a third party under an outsourcing contract or a financial construction. Typically, the End-User is the legal owner of the Products.

**The Guarantee is applicable and valid only when these products are used with appropriate Road and Street Lighting that is in conformity with the standards in force in the European Union. This guarantee is reserved only for the company who acquired the Products and following presentation of proof of purchase. This guarantee is null and void if the Products are not used in a normal way, or if WESTIRE determines that the defect is caused by, but not limited to:**

- Short circuiting power factor correction capacitors if fitted.
- Abnormalities in the gas-discharge arc tube.
- Incorrect wiring insulation shorting to earthing parts or metal parts.
- Incorrect fusing or means of protection against abnormal mains conditions in the connected load. (e.g. Lightning discharge, unusual mains transients, mains surges, mains brown outs etc.)
- Ingress of water, condensation into the Luminaire or Electrical Cabinets. (applicable to WESTIRE internal fitted photocells only and not accessories and external fitted photo electric lighting controls)
- Type of load connected to the WESTIRE Product.
- Any unusual abnormality in the incoming mains supply or the mains supply voltages as specified in our fitting instruction or catalogues. (The mains supplied to WESTIRE Products must conform to the specification as outlined in the standard for the supply of AC mains in force)
- Modifications, tampering or any unauthorized attachments connected to the Products.
- Accidental falls or misuse.
- Unsuitable environmental conditions.
- Operation beyond the useful life of the Products.
- Malfunctioning Third Party components or products connected to the WESTIRE Products.

WESTIRE Products are only intended for the control of all types of Reactive Outdoor and Public Lighting Loads including: LED Outdoor and Public Lighting and are not designed or guaranteed for use in the control of other loads not like outdoor lighting loads. WESTIRE Products should be installed as per WESTIRE's fitting instructions and any other necessary additional fitting recommendations supplied by WESTIRE. WESTIRE always should be made aware as to the type of loads its lighting control Products are controlling or connected to.

If a Product becomes defective according to the terms of this guarantee, WESTIRE will examine the said Product, and, only at its own discretion, proceed to repair or replace it. WESTIRE will then ship a Product similar in specification to the said defective Product in terms of its performance back to the user if it finds that the malfunction was because of a faulty component or design defect. If it is because of a faulty component and this was due to the component supplier's quality control or workmanship, WESTIRE will hold the component supplier fully responsible for same. WESTIRE will make every effort to pursue the component supplier for costs associated with replacement and the fitting of the Product arising from the defect. Those said costs will be passed on to the user of the defective WESTIRE Product when received including any additional extra compensation claimed on behalf of the End-User. The only responsibility and exclusive recourse WESTIRE will have concerning the recognized defects, will be to repair or replace the product in question. WESTIRE may, at its own discretion, replace it with a rebuilt product. In the case of a faulty component delivered to WESTIRE not fit for the purpose an Independent International Test Laboratory will be used to determine that the said component was defective before approaching the said component supplier. A copy of the received independent test report will be forwarded to both the customer of WESTIRE's Product and to the said component supplier.

This guarantee covers only the repair or the replacement of the WESTIRE defective Products listed in its catalogues: WESTIRE declines all responsibility for any costs related to the maintenance and/or installation and/or removal of WESTIRE's Products only the replacement on a one for one basis of the supplied WESTIRE Product.

The End-User's sole remedy under this guarantee is set forth in this document. For any claim concerning performance or non-performance of WESTIRE's Product under this guarantee, the End-User may recover actual damages up to the limit set forth in the following paragraph.

WESTIRE's liability for actual damages from any cause whatsoever will be limited to the amount of money the End-User paid for the Product that is returned to WESTIRE as a defective Product.

This limitation of liability will not apply to claims by you for bodily injury or damage to real property or tangible personal property or for replacement costs. IN NO EVENT WILL WESTIRE BE LIABLE FOR ANY LOST PROFITS, LOST SAVINGS, INCIDENTAL DAMAGE, OR OTHER ECONOMIC OR CONSEQUENTIAL DAMAGES. This is true even if the End-User advises WESTIRE of the possibility of such damages. WESTIRE is not liable for any claim by the End-User based on a third-party claim. This limitation of remedies also applies to claims against any Suppliers, Agents, Distributors and Remarketers of WESTIRE's Products. WESTIRE and its Suppliers' Agents, Distributors and Remarketers' limitations of remedies are not cumulative. Such Suppliers, Agents, Distributors and Remarketers are intended beneficiaries of this limitation.

WESTIRE WILL IN NO WAY BE HELD RESPONSIBLE, UNDER ANY CIRCUMSTANCES AT ALL, FOR INDIRECT, CONSEQUENTIAL OR ACCESSORY DAMAGES, OR FOR THE LOSS OF LIGHTING.

NOTE: WESTIRE is committed not to terminate support of their Products, or to consider the Products obsolete, if the necessary components included in the Product are available on the market, and a reasonable demand exists from its clients for these Products.

Signed:

  
Sean Noone  
Title: Managing Director.

Date 13 | February | 2019.

# Octagonal Columns

Octagonal columns are popular due to their low cost, strength and easy accessibility using elevated work platforms or cherry pickers.

Smaller octagonal columns are suited to medium sized floodlighting requirements and areas such as commercial developments, housing estates and small recreational areas.



Larger octagonal columns are suited to larger commercial applications such as: sporting arenas, road and motorway lighting allowing for installation of multiple light fittings.

Our standard octagonal columns range from 3 to 30 meters, however we can design and manufacture columns to any height, width and specification to suit the requirements of our clients. The full range of octagonal columns are available either root mounted or base plate mounted (flanged).

## Standard features

- Galvanised internally and externally to BS EN 1461
- Designed to IS EN 40 and comply with the requirements of the Department of the Environment and local authorities.
- Welded in steel access door frame with recessed weather strip, complete with a flat steel door fitted and secured by two triangular headed stainless-steel bolts.
- Base compartment is large enough to offer easy access to the equipment, which can be mounted on the hardwood baseboard within.
- Bitumen paint is applied internally and externally 50–300mm above the planting depth for protection.
- Suitable for post top mounting or a variety of outreach/extension brackets and T bars.

## Optional feature

- Can be painted or powder coated to customer specifications.



# Mid Hinged Columns



Also known as lowering and raising mid-hinged columns are an alternative to fix tapered octagonal columns. They eliminate the need for an elevated work platform or cherry picker, reducing on-going column maintenance costs.

Lighting, CCTV, communications and other equipment can be maintained safely and effectively using the column's simple lowering and raising device.

These are popular in remote or restricted areas where elevating machinery is not readily available or access is limited.

Also in situations where working at heights is not permitted Sites may include car parks, public transport stations, sports facilities, airports and communication installations.

Our standard range of mid-hinged columns come as root mounted or base plate mounted in 4 – 12 meters heights. However, we can design and manufacture columns to various heights, widths and specification, to suit the requirements of our clients.

Columns are galvanised internally and externally to BS EN 1461 and can also be either painted or powder coated to a variety of colours that we offer.

Its popularity is all down to quick, safe and easy operation, together with long term durability, often in harsh environments.