JOAU®



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OUTDOOR LIGHTING - TECHNICAL



SPECIALIZED KNOW-HOW

In-depth, highly specialized technical and design expertise, together with a great passion for the lighting industry and a long-standing tradition of excellence, make DAOU LIGHTING a leading and reliable business partner.

CERTIFIED QUALITY

All DAOU LIGHTING products go through with an accurate testing process to vertify their compliance with the existing regulations and adherence to the highest standards of quality.

INNOVATION

In more than 10 years of activity, DAOU LIGHTING has always been capable of renewing and innovating to response to the technological revolutions within the industry and to meet the needs of an ever-changing market, creating new and unique concept and products.

MANUFACTURING

We understand lighing projects are not transient, but long-term commitments, so we manufacture our products with the highest quality materials and can be proven over time. With our rich experience, our products are able to satisfy technical requirements of any projects.









DAOU LIGHTING is a global-oriented company that specialized in technical LED lighting luminaires and solutions, from more than 10 years now, we have been developing and manufacuring reliable products for partners from all over the world. We are doing our best to exploit the market, and bringing advanced lighting concept to more people.

The development of LEDs is both a major technological evolution and a significant challenge for lighting manufacturers, our research & innovation department is open to constant upgrades and strive to improve the durability and performance of our products. All luminaires are realized using the latest technologies and with cutting-edge components that guarantee reliability and long lasting efficiency.

FOCUS ON:

- Use of the latest LED technologies
- Development of luminaires with advanced optic technology
- Bespoke products on request
- Professional lighting design
- One-stop service from innovation to execution

You will find more information about our products and solutions on our website: www.daoultd.com

TECHNICAL ICONES



Energy efficient class A++



Light source LED



IEC protection class I



Europe comformity



Photobiological risk RG1



Luminaires for outdoor applications



Tilted on horizontal axis



Warranty 5 years limited



Control ON/OFF



Control 1-10V

DALI



Control DALI



Control Photocell



Post-top street lighting luminaire



Side-entry street lighting luminaire



Surface mounted flood lighting luminaire



Dust-tight and powerful water jet-proof

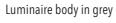


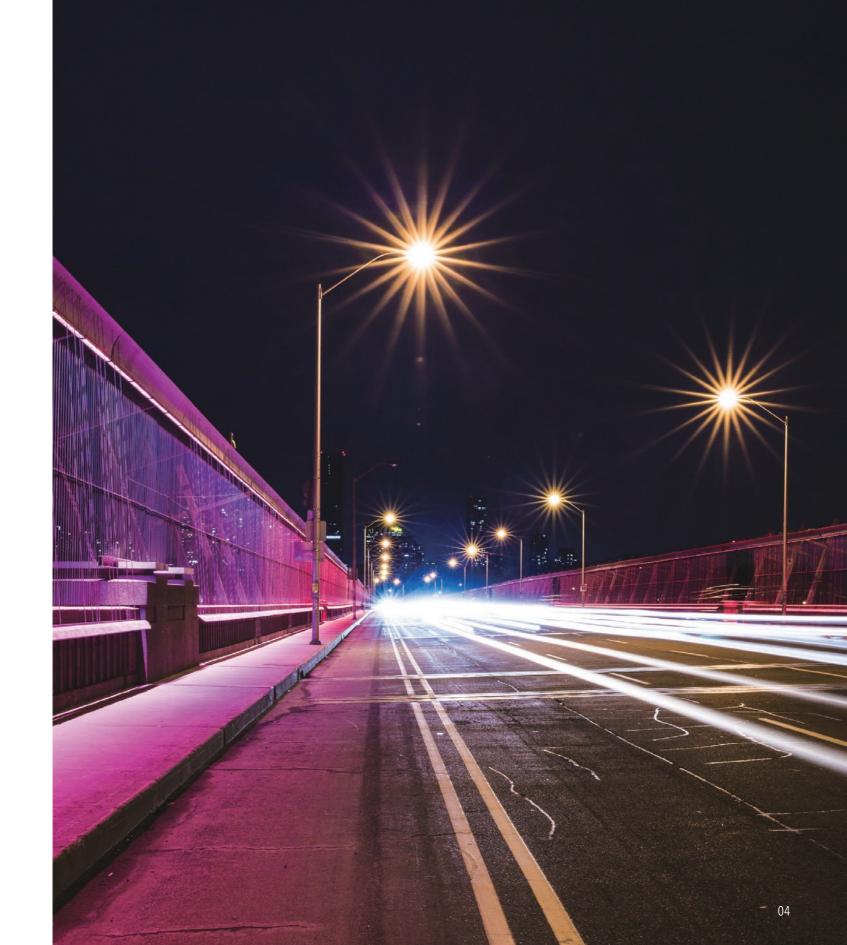
- Protected against impact energy 5 Joule shocks
- IK09 Prot
 - Protected against impact energy 10 Joule shocks

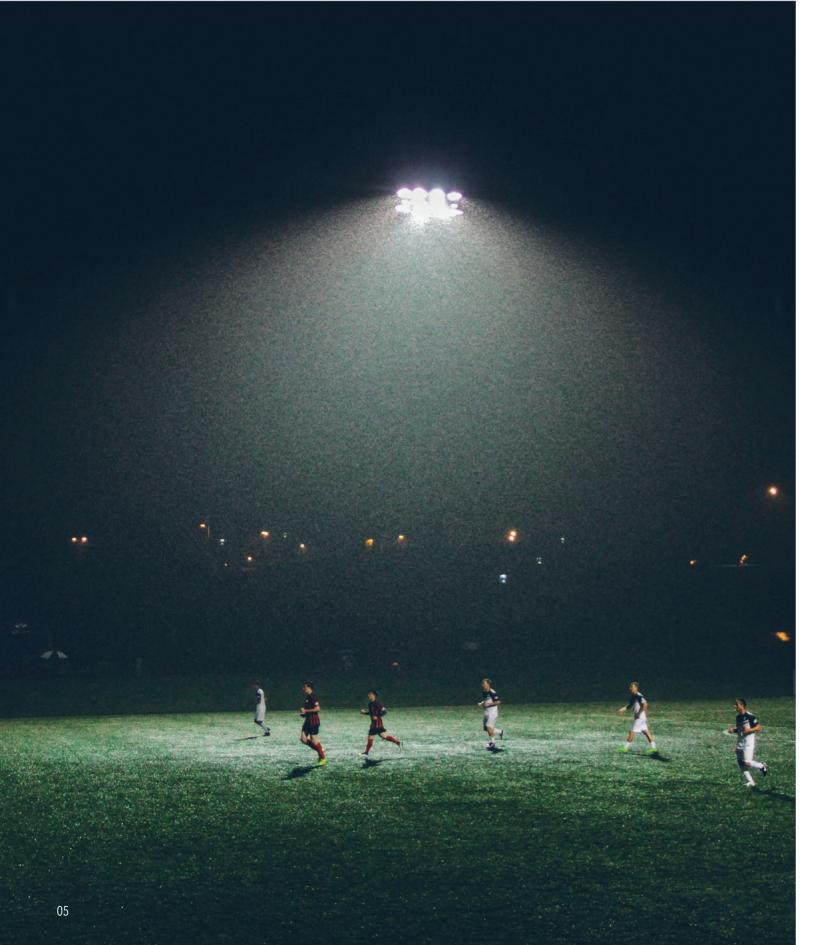


04

Luminaire body in black









POLESTA

LED LUMINAIF 8300 ... 3850

DOLPHIN

LED LUMINAIF 8400 ... 7180

YUAN

LED LUMINAIF 5500 ... 1820



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FLEXI

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POLESTAR

LED LUMINAIRE FOR ROADWAY & PUBLIC AREA LIGHTING. STREAMLINED BODY WITH EXTREMELY ROBUST MATERIALS AND ADJUSTABLE ADAPTER.



COVER

The cover is made of tempered glass, it effectively reduces light pollution and makes the clean work easier in maintenance.



LATCHES

Tool-free access to the electrical compartment thanks to well latches design.



TILTED ADAPTER

The luminaire features an unique adapter that suitable for poles with Ø40 ... Ø76 mm, tilt function for both side-entry and post-top installations.



BREATHER VALVE

The electrical compartment is equipped with an advanced breather valve for improved waterproof and heat dissipation performance.

SERIES POLESTAR

LED MODULES	1 4
POWER	60 240
LUMINOUS FLUX	8300 38500

REFINED **TECHNOLOGY**

0



HOUSING

The luminaire body is made of die-cast aluminum, with powder coated finishing for harsh outdoor environments. Streamlined design significantly lower wind resistance as well as guarantees fresh appearance. Prepared hole on the electrical compartment for optional NEMA socket, photocell and shorting cap.

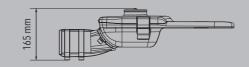
LIGHT SOURCE

Modular light source with high power LEDs, the LED modules are made of quality polycarbonate lenses and massive aluminum cooling fins, guarantees professional light distributions and thermal management. Available in a wide range of optics improve the necessary flexibility to meet different lighting requirements.





540 mm



TECHNICAL SPECIFICATIONS

Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grev
Mounting type	Side-entry / post-top
Adjustability	90° [in 5° step]
Net weight	Approx. 4.5 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical
Light distributions	Type I short
	Type II short
	Type III short
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	60W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centersand main streets, urban and residential areas, public areas
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	No
Optional control	DALI, ON/OFF, Photocell



IK08

CONTROL

RG1

CE



COLOURS





Å

IP66

5 YEARS

FEATURES

A⁺⁺

11

PRODUCT CODES









1605W60.T1S.3070.04	34 LED	60W	8300lm	3000K
1605W60.T1S.4070.04	34 LED	60W	8500lm	4000K
1605W60.T1S.5070.04	34 LED	60W	8900lm	5000K
1605W60.T1S.5770.04	34 LED	60W	9200lm	5700K
1605W60.T2S.3070.04	34 LED	60W	8300lm	3000K
1605W60.T2S.4070.04	34 LED	60W	8500lm	4000K
1605W60.T2S.5070.04	34 LED	60W	8900lm	5000K
1605W60.T2S.5770.04	34 LED	60W	9200lm	5700K
1605W60.T3S.3070.04	34 LED	60W	8300lm	3000K
1605W60 T3S 4070 04	34 I FD	60W	8500lm	4000K

34 LED	60VV	8300IM	3000K
34 LED	60W	8500lm	4000K
34 LED	60W	8900lm	5000K
34 LED	60W	9200lm	5700K
	34 LED 34 LED	34 LED 60W 34 LED 60W	34 LED 60W 8900lm

 * The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

STANDARD ACCESSORIES

+A50	Adapter for pole Ø40 Ø50mm, depth 90mm
+A60	Adapter for pole Ø55 Ø65mm, depth 100mm
+A70	Adapter for pole Ø66 Ø76mm, depth 100mm

OPTIONAL ACCESSORIES

+03002	On/off
+03010	DALI dimmable
+00250	Photocell
+00260	Shorting cap
+00313	NEMA 3-PIN [non-dimmable]
+00315	NEMA 5-PIN [1-10V dimmable]
+00317	NEMA 7-PIN [DALI dimmable]

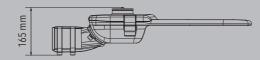
* Example of complete code: 1605W60.T1S.3070.04+A50+03002







670 mm



TECHNICAL SPECIFICATIONS

MaterialDie-cast aluminumFinsihing processPowder coatedStandard colourGreyMounting typeSide-entry / post-topAdjustability90° [in 5° step]Net weightApprox. 5.4 kgProtection classIP66CoverTempered glassImpact resistanceIK08PHOTOMETRICAL DATADistributionsLight source type2x LED modules with 5050 LEDOptic materialPolycarbonate lensOptic typeAsymmetricalLight distributionsType I shortType II shortType II shortType II shortType II shortType II short ≥ 70 Photobiological riskRG1ELECTRICAL DATADistributionsPower supplyBuilt-in LED driverProtection class IECSafety class IInput voltage100-240VAC 50/60 HzWattage120WPower factor > 0.95 Surge protection10 kV line-earthStandard control1-10VINSTALLATIONInfific routes and main access roads, city centersand main streets, urban and residential areas, public areasOperating temperature-40°C +50 °COperating humidity10% 90%Type of connectionCable [3-pole]CAPABILITIESItespanLifespan50,000 hoursLED module replaceableNo	LUMINAIRE BODY	
Standard colourGreyMounting typeSide-entry / post-topAdjustability 90° [in 5° step]Net weightApprox. 5.4 kgProtection classIP66CoverTempered glassImpact resistanceIK08PHOTOMETRICAL DATAPolycarbonate lensOptic materialPolycarbonate lensOptic typeAsymmetricalLight distributionsType I shortType II shortType II shortType III shortSDCMCCT3000K / 4000K / 5000K / 5700KLuminous efficacy150 lm/WSDCM ≤ 5 CRI ≥ 70 Photobiological riskRG1ELECTRICAL DATAPower supplyPower supplyBuilt-in LED driverProtection class IECSafety class IInput voltage100-240VAC 50/60 HzWattage120WPower factor>0.95Surge protection10 kV line-earthStandard control1-10VINSTALLATIONInfafic routes and main access roads, city centersand main streets, urban and residential areas, public areasOperating temperature-40°C +50 °COperating humidity10% 90%Type of connectionCable [3-pole]CAPABILITIESIfespanLED module replaceableNo	Material	Die-cast aluminum
Mounting typeSide-entry / post-topAdjustability90° [in 5° step]Net weightApprox. 5.4 kgProtection classIP66CoverTempered glassImpact resistanceIK08PHOTOMETRICAL DATAIK08Light source type $2x$ LED modules with 5050 LEDOptic materialPolycarbonate lensOptic typeAsymmetricalLight distributionsType I shortType II shortType II shortType II shortSDCMCCT3000K / 4000K / 5000K / 5700KLuminous efficacy150 lm/WSDCM ≤ 5 CRI ≥ 70 Photobiological riskRG1ELECTRICAL DATAPower supplyPower supplyBuilt-in LED driverProtection class IECSafety class IInput voltage100-240VAC 50/60 HzWattage120WPower factor>0.95Surge protection10 kV line-earthStandard control1-10VINSTALLATIONIraffic routes and main access roads, city centersand main streets, urban and residential areas, public areasOperating temperature-40°C +50 °COperating humidity10% 90%Type of connectionCable [3-pole]CAPABILITIESIfespanLED module replaceableNo	Finsihing process	Powder coated
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CAPABILITIES Lifespan LED module replaceable No	Operating humidity	10% 90%
Lifespan 50,000 hours LED module replaceable No	Type of connection	Cable [3-pole]
LED module replaceable No	CAPABILITIES	
	Lifespan	50,000 hours
Optional control DALI, ON/OFF, Photocell	LED module replaceable	No
	Optional control	DALI, ON/OFF, Photocell

FEATURES



5 YEARS

CONTROL



COLOURS











PRODUCT CODES









1605W120.T1S.4070.04	68 LED	120W	17400lm	4000K
1605W120.T1S.5070.04	68 LED	120W	18300lm	5000K
1605W120.T1S.5770.04	68 LED	120W	19250lm	5700K
1605W120.T2S.3070.04	68 LED	120W	16500lm	3000K
1605W120.T2S.4070.04	68 LED	120W	17400lm	4000K
1605W120.T2S.5070.04	68 LED	120W	18300lm	5000K
1605W120.T2S.5770.04	68 LED	120W	19250lm	5700K
1605W120.T3S.3070.04	68 LED	120W	16500lm	3000K
1605W120.T3S.4070.04	68 LED	120W	17400lm	4000K

1605W120.T1S.3070.04 68 LED 120W 16500lm 3000K

*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

 1605W120.T3S.5070.04
 68 LED
 120W
 18300lm
 5000K

 1605W120.T3S.5770.04
 68 LED
 120W
 19250lm
 5700K

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

STANDARD ACCESSORIES

+A50	Adapter for pole Ø40 Ø50mm, depth 90mm
+A60	Adapter for pole Ø55 Ø65mm, depth 100mm
+A70	Adapter for pole Ø66 Ø76mm, depth 100mm

OPTIONAL ACCESSORIES

+03002	On/off
+03010	DALI dimmable
+00250	Photocell
+00260	Shorting cap
+00313	NEMA 3-PIN [non-dimmable]
+00315	NEMA 5-PIN [1-10V dimmable]
+00317	NEMA 7-PIN [DALI dimmable]

* Example of complete code: 1605W120.T1S.3070.04+A50+03002







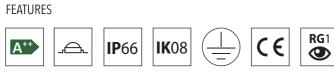
735 mm 310 mm



TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [in 5° step]
Net weight	Approx. 7.1 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	3x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical
Light distributions	Type I short
	Type II short
	Type III short
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	180W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centersand main streets, urban and residential areas, public areas
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
Lifespan LED module replaceable	50,000 hours No





5 YEARS





COLOURS











PRODUCT CODES

1605W180.T1S.3070.04

1605W180.T1S.4070.04



102 LED 180W 24800lm 3000

102 LED 180W 26100lm 4000K

102 LED 180W 27500lm 5000K 102 LED 180W 28900lm 5700K







1605W180.T1S.5770.04	102 LED	180W	28900lm	5700K
1605W180.T2S.3070.04	102 LED	180W	24800lm	3000K
1605W180.T2S.4070.04	102 LED	180W	26100lm	4000K
1605W180.T2S.5070.04	102 LED	180W	27500lm	5000K
1605W180.T2S.5770.04	102 LED	180W	28900lm	5700K
1605W180.T3S.3070.04	102 LED	180W	24800lm	3000K
1605W180.T35.4070.04	102 I FD	180W	26100lm	4000K

1605W180.T1S.5070.04 102 LED 180W 27500lm 5000K

* The luminaires are supplied with CRI 70 standard, CRI 80 and	
CRI 90 optional	

Safety class I standard, class II optional

1605W180.T3S.5070.04

1605W180.T3S.5770.04

Body colour grey (04) standard, black (03) and RAL optional

STANDARD ACCESSORIES

+A50	Adapter for pole Ø40 Ø50mm, depth 90mm
+A60	Adapter for pole Ø55 Ø65mm, depth 100mm
+A70	Adapter for pole Ø66 Ø76mm, depth 100mm

OPTIONAL ACCESSORIES

+03002	On/off
+03010	DALI dimmable
+00250	Photocell
+00260	Shorting cap
+00313	NEMA 3-PIN [non-dimmable]
+00315	NEMA 5-PIN [1-10V dimmable]
+00317	NEMA 7-PIN [DALI dimmable]

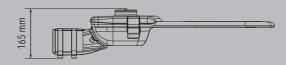
* Example of complete code: 1605W180.T1S.3070.04+A50+03002







835mm



TECHNICAL SPECIFICATIONS

Material Die-cast aluminum Finsihing process Powder coated Standard colour Grey Mounting type Side-entry / post-top Adjustability 90° [in 5° step] Net weight Approx. 8.2 kg Protection class IP66 Cover Tempered glass Impact resistance IK08 PHOTOMETRICAL DATA 4x LED modules with 5050 LE Optic material Polycarbonate lens	
Standard colour Grey Mounting type Side-entry / post-top Adjustability 90° [in 5° step] Net weight Approx. 8.2 kg Protection class IP66 Cover Tempered glass Impact resistance IK08 PHOTOMETRICAL DATA Light source type	
Mounting type Side-entry / post-top Adjustability 90° [in 5° step] Net weight Approx. 8.2 kg Protection class IP66 Cover Tempered glass Impact resistance IK08 PHOTOMETRICAL DATA Light source type 4x LED modules with 5050 LE	
Adjustability 90° [in 5° step] Net weight Approx. 8.2 kg Protection class IP66 Cover Tempered glass Impact resistance IK08 PHOTOMETRICAL DATA Light source type 4x LED modules with 5050 LE	
Net weight Approx. 8.2 kg Protection class IP66 Cover Tempered glass Impact resistance IK08 PHOTOMETRICAL DATA Impact results Light source type 4x LED modules with 5050 LE	
Protection class IP66 Cover Tempered glass Impact resistance IK08 PHOTOMETRICAL DATA Light source type 4x LED modules with 5050 LE	
Cover Tempered glass Impact resistance IK08 PHOTOMETRICAL DATA Light source type 4x LED modules with 5050 LE	
Impact resistance IK08 PHOTOMETRICAL DATA Light source type 4x LED modules with 5050 LE	
PHOTOMETRICAL DATA Light source type 4x LED modules with 5050 LE	
Light source type 4x LED modules with 5050 LE	
Optic material Polycarbonate lens	D
Optic type Asymmetrical	
Light distributions Type I short	
Type II short	
Type III short	
CCT 3000K / 4000K / 5000K / 570	OK
Luminous efficacy 150 lm/W	
SDCM ≤5	
CRI ≥70	
Photobiological risk RG1	
ELECTRICAL DATA	
Power supply Built-in LED driver	
Protection class IEC Safety class I	
Input voltage 100-240VAC 50/60 Hz	
Wattage 240W	
Power factor >0.95	
Surge protection 10 kV line-earth	
Standard control 1-10V	
INSTALLATION Environment Outdoor	
	da situ
Application areas Traffic routes and main access road centersand main streets, urban residential areas, public area	and
Operating temperature -40°C +50 °C	
Operating humidity 10% 90%	
Type of connection Cable [3-pole]	
CAPABILITIES	
Lifespan 50,000 hours	
LED module replaceable No	
Optional control DALI, ON/OFF, Photocell	

FEATURES



5 YEARS

CONTROL



COLOURS











PRODUCT CODES









1605W240.T1S.4070.04	136 LED	240W	34800lm	4000K
1605W240.T1S.5070.04	136 LED	240W	36700lm	5000K
1605W240.T1S.5770.04	136 LED	240W	38500lm	5700K
1605W240.T2S.3070.04	136 LED	240W	33100lm	3000K
1605W240.T2S.4070.04	136 LED	240W	34800lm	4000K
1605W240.T2S.5070.04	136 LED	240W	36700lm	5000K
1605W240.T2S.5770.04	136 LED	240W	38500lm	5700K
1605W240.T3S.3070.04	136 LED	240W	33100lm	3000K
1605W240.T3S.4070.04	136 LED	240W	34800lm	4000K

1605W240.T1S.3070.04 136 LED 240W 33100lm 3000

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

 1605W240.T3S.5070.04
 136 LED
 240W
 36700lm
 5000K

 1605W240.T3S.5770.04
 136 LED
 240W
 38500lm
 5700K

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

STANDARD ACCESSORIES

+A50	Adapter for pole Ø40 Ø50mm, depth 90mm
+A60	Adapter for pole Ø55 Ø65mm, depth 100mm
+A70	Adapter for pole Ø66 Ø76mm, depth 100mm

OPTIONAL ACCESSORIES

+03002	On/off
+03010	DALI dimmable
+00250	Photocell
+00260	Shorting cap
+00313	NEMA 3-PIN [non-dimmable]
+00315	NEMA 5-PIN [1-10V dimmable]
+00317	NEMA 7-PIN [DALI dimmable]

* Example of complete code: 1605W240.T1S.3070.04+A50+03002





(22)



DOLPHIN

LED LUMINAIRE FOR ROADWAY & PUBLIC AREA LIGHTING. AVAILABLE IN A WIDE RANGE OF LUMINOUS FLUX AND OPTICS.



LIGHT SOURCE

Modular light source with high power LEDs, the LED modules are made of quality polycarbonate lenses and massive aluminum cooling fins, guarantees professional light distributions and thermal management. Tool-less replaceable modules, quick and easy to onsite maintain. Available in a wide range of optics improve the necessary flexibility to meet different lighting requirements.

CONNECTOR

Swivel waterproof connector makes it convenient to change LED modules .



HOUSING

The luminaire body is made of die-cast aluminum, with powder coated finishing for harsh outdoor environments. Mellow design makes the luminaire perform well with self-cleaning. The electrical compartment is equipped with a breather valve for improved waterproof and heat dissipation performance.

SERIES DOLPHIN

LED MODULES	17
POWER	60 420
LUMINOUS FLUX	8400 71800



BREATHER VALVE

The electrical compartment is equipped with an advanced breather valve for improved waterproof and heat dissipation performance.

RELIABLE Flexibility



EXTENSION FUNCTIONS

The luminaire has a prepared hole on the electrical compartment for optional NEMA socket, photocell and shorting cap.

LATCHES

Tool-free access to the electrical compartment thanks to well latches design.



TILTED ADAPTER

The luminaire features an unique adapter that suitable for poles with Ø40 ... Ø76 mm, tilt function for both side-entry and post-top installations.





TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [in 5° step]
Net weight	Approx. 7.2 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short
	Type II medium / Type III short
	Type III medium / Type V
ССТ	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	60W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centersand main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
	Yes
LED module replaceable	Tes





mm

30

R

695 mm





27





CONTROL

RG1





COLOURS

RAL 03

OPTIONAL ACCESSORIES

02 On/off	+03002
10 DALI dimmable	+03010
50 Photocell	+00250
50 Shorting cap	+00260
I3 NEMA 3-PIN [non-dimmable]	+00313
IS NEMA 5-PIN [1-10V dimmable]	+00315
17 NEMA 7-PIN [DALI dimmable]	+00317















PRODU	ст со	DES
TRODO		



ATH.	1606W60.T1S.3070.04	28 LED	60W	8400lm	3000K
IIII	1606W60.T1S.4070.04	28 LED	60W	8800lm	4000K
	1606W60.T1S.5070.04	28 LED	60W	9300lm	5000K
55°x90°	1606W60.T1S.5770.04	28 LED	60W	9800lm	5700K
ATH.	1606W60.T2S.3070.04	28 LED	60W	8400lm	3000K
	1606W60.T2S.4070.04	28 LED	60W	8800lm	4000K
XIII	1606W60.T2S.5070.04	28 LED	60W	9300lm	5000K
55°x80°	1606W60.T2S.5770.04	28 LED	60W	9800lm	5700K
ATH!	1606W60.T2M.3070.04	28 LED	60W	8400lm	3000K
	1606W60.T2M.4070.04	28 LED	60W	8800lm	4000K
	1606W60.T2M.5070.04	28 LED	60W	9300lm	5000K
<u> </u>	1606W60.T2M.5770.04	28 LED	60W	9800lm	5700K
ATH.	1606W60.T3S.3070.04	28 LED	60W	8400lm	3000K
	1606W60.T3S.4070.04	28 LED	60W	8800lm	4000K
	1606W60.T3S.5070.04	28 LED	60W	9300lm	5000K
<u> </u>	1606W60.T3S.5770.04	28 LED	60W	9800lm	5700K
ATH	1606W60.T3M.3070.04	28 LED	60W	8400lm	3000K
	1606W60.T3M.4070.04	28 LED	60W	8800lm	4000K
	1606W60.T3M.5070.04	28 LED	60W	9300lm	5000K
60°x80°	1606W60.T3M.5770.04	28 LED	60W	9800lm	5700K
~ ~ ~ ~ ~ ~					
ATH	1606W60.T5.3070.04	28 LED	60W	8400lm	3000K
	1606W60.T5.4070.04	28 LED	60W	8800lm	4000K
XXI	1606W60.T5.5070.04	28 LED	60W	9300lm	5000K
60°x155°	1606W60.T5.5770.04	28 LED	60W	9800lm	5700K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

STANDARD ACCESSORIES

+A50	Adapter for pole Ø40 Ø50mm, depth 90mm
+A60	Adapter for pole Ø55 Ø65mm, depth 100mm
+A70	Adapter for pole Ø66 Ø76mm, depth 100mm

* Example of complete code: 1606W60.T1S.3070.04+A50+03002





740 mm

TECHNICAL SPECIFICATIONS

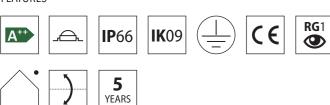
Material	Die-cast aluminum		
Finsihing process	Powder coated		
Standard colour	Grey		
Mounting type	Side-entry / post-top		
Adjustability	90° [in 5° step]		
Net weight	Approx. 8.4 kg		
Protection class	IP66		
Cover	Tempered glass		
Impact resistance	IK09		
PHOTOMETRICAL DATA			
Light source type	2x LED modules with 5050 LED		
Optic material	Polycarbonate lens		
Optic type	Asymmetrical / symmetrical		
Light distributions	Type I short / Type II short		
-	Type II medium / Type III short		
	Type III medium / Type V		
CCT	3000K / 4000K / 5000K / 5700K		
Luminous efficacy	160 lm/W		
SDCM	≤5		
CRI	≥70		
Photobiological risk	RG1		
ELECTRICAL DATA			
Power supply	Built-in LED driver		
Protection class IEC	Safety class I		
Input voltage	100-240VAC 50/60 Hz		
Wattage	120W		
Power factor	>0.95		
Surge protection	10 kV line-earth		
Standard control	1-10V		
INSTALLATION			
Environment	Outdoor		
Application areas	Traffic routes and main access roads, city centersand main streets, highways, urban and residential areas, public areas		
Operating temperature	-40°C +50 °C		
Operating humidity	10% 90%		
Type of connection	Cable [3-pole]		
CAPABILITIES			
Lifespan	50,000 hours		
LED module replaceable	Yes		

OPTIONAL ACCESSORIES

On/off	+03002
DALI dimmable	+03010
Photocell	+00250
Shorting cap	+00260
NEMA 3-PIN [non-dimmable]	+00313
NEMA 5-PIN [1-10V dimmable]	+00315
NEMA 7-PIN [DALI dimmable]	+00317



FEATURES





CONTROL



30 mm



COLOURS



















PRODUC	T CODES
INODOC	I CODES



H	1606W120.T1S.3070.04	56 LED	120W	17600lm	3000K
\rightarrow	1606W120.T1S.4070.04	56 LED	120W	18600lm	4000K
	1606W120.T1S.5070.04	56 LED	120W	19500lm	5000K
ZX 1°	1606W120.T1S.5770.04	56 LED	120W	20500lm	5700K
H	1606W120.T2S.3070.04	56 LED	120W	17600lm	3000K
	1606W120.T2S.4070.04	56 LED	120W	18600lm	4000K
DI	1606W120.T2S.5070.04	56 LED	120W	19500lm	5000K
<u>~</u> ~	1606W120.T2S.5770.04	56 LED	120W	20500lm	5700K
H	1606W120.T2M.3070.04	56 LED	120W	17600lm	3000K
	1606W120.T2M.4070.04	56 LED	120W	18600lm	4000K
	1606W120.T2M.5070.04	56 LED	120W	19500lm	5000K
/X 0°	1606W120.T2M.5770.04	56 LED	120W	20500lm	5700K
H	1606W120.T3S.3070.04	56 LED	120W	17600lm	3000K
\rightarrow	1606W120.T3S.4070.04	56 LED	120W	18600lm	4000K
TH .	1606W120.T3S.5070.04	56 LED	120W	19500lm	5000K
/ X 0°	1606W120.T3S.5770.04	56 LED	120W	20500lm	5700K
H	1606W120.T3M.3070.04	56 LED	120W	17600lm	3000K
	1606W120.T3M.4070.04	56 LED	120W	18600lm	4000K
RI	1606W120.T3M.5070.04	56 LED	120W	19500lm	5000K
/ X)°	1606W120.T3M.5770.04	56 LED	120W	20500lm	5700K
H	1606W120.T5.3070.04	56 LED	120W	17600lm	3000K
	1606W120.T5.4070.04	56 LED	120W	18600lm	4000K
RT1	1606W120.T5.5070.04	56 LED	120W	19500lm	5000K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

56 LED 120W 20500lm 5700K

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

STANDARD ACCESSORIES

1606W120.T5.5770.04

+A50	Adapter for pole Ø40 Ø50mm, depth 90mm
+A60	Adapter for pole Ø55 Ø65mm, depth 100mm
+A70	Adapter for pole Ø66 Ø76mm, depth 100mm

* Example of complete code: 1606W120.T1S.3070.04+A50+03002







820 mm





FEATURES









COLOURS

03 RAL

04 03

Co

TECHNICAL SPECIFICATIONS

LUMINAIRE BODY

Finsihing process

Standard colour

Mounting type

LED module replaceable

OPTIONAL ACCESSORIES

Optional control

+03002

+03010

+00250

+00260

+00313

+00315

+00317

Adjustability Net weight

Material

Protection class	IP66		
Cover	Tempered glass		
Impact resistance	IK09		
PHOTOMETRICAL DATA			
Light source type	3x LED modules with 5050 LED		
Optic material	Polycarbonate lens		
Optic type	Asymmetrical / symmetrical		
Light distributions	Type I short / Type II short		
	Type II medium / Type III short		
	Type III medium / Type V		
CCT	3000K / 4000K / 5000K / 5700K		
Luminous efficacy	160 lm/W		
SDCM	≤5		
CRI	≥70		
Photobiological risk	RG1		
ELECTRICAL DATA			
Power supply	Built-in LED driver		
Protection class IEC	Safety class I		
Input voltage	100-240VAC 50/60 Hz		
Wattage	180W		
Power factor	>0.95		
Surge protection	10 kV line-earth		
Standard control	1-10V		
INSTALLATION			
Environment	Outdoor		
Application areas	Traffic routes and main access roads, city centersand main streets, highways, urban and residential areas, public areas		
Operating temperature	-40°C +50 °C		
Operating humidity	10% 90%		
Type of connection	Cable [3-pole]		
CAPABILITIES	capie [2 boie]		
Lifespan	50,000 hours		
Linospan	50,000 Hours		

Die-cast aluminum

Powder coated

Grey

Side-entry / post-top 90° [in 5° step]

Approx. 9.6 kg

Yes

DALI, ON/OFF, Photocell

On/off

Photocell

Shorting cap

NEMA 3-PIN [non-dimmable]

NEMA 5-PIN [1-10V dimmable]

NEMA 7-PIN [DALI dimmable

DALI dimmable















PRODU	ст со	DES
TRODO		



H	1606W180.T1S.3070.04	84 LED	180W	26400lm	3000K
+	1606W180.T1S.4070.04	84 LED	180W	27800lm	4000K
5	1606W180.T1S.5070.04	84 LED	180W	29300lm	5000K
Z	1606W180.T1S.5770.04	84 LED	180W	30800lm	5700K
H	1606W180.T2S.3070.04	84 LED	180W	26400lm	3000K
H	1606W180.T2S.4070.04	84 LED	180W	27800lm	4000K
D	1606W180.T2S.5070.04	84 LED	180W	29300lm	5000K
	1606W180.T2S.5770.04	84 LED	180W	30800lm	5700K
H	1606W180.T2M.3070.04	84 LED	180W	26400lm	3000K
Ħ	1606W180.T2M.4070.04	84 LED	180W	27800lm	4000K
9	1606W180.T2M.5070.04	84 LED	180W	29300lm	5000K
	1606W180.T2M.5770.04	84 LED	180W	30800lm	5700K
					_
H	1606W180.T3S.3070.04	84 LED	180W	26400lm	3000K
Ħ	1606W180.T3S.4070.04	84 LED	180W	27800lm	4000K
$\overline{\mathcal{I}}$	1606W180.T3S.5070.04	84 LED	180W	29300lm	5000K
	1606W180.T3S.5770.04	84 LED	180W	30800lm	5700K
<u> </u>					
H	1606W180.T3M.3070.04	84 LED	180W	26400lm	3000K
Ţ	1606W180.T3M.4070.04	84 LED	180W	27800lm	4000K
Z	1606W180.T3M.5070.04	84 LED	180W	29300lm	5000K
	1606W180.T3M.5770.04	84 LED	180W	30800lm	5700K
~ \					
H	1606W180.T5.3070.04	84 LED	180W	26400lm	3000K
Ţ	1606W180.T5.4070.04	84 LED	180W	27800lm	4000K
4	1606W180.T5.5070.04	84 LED	180W	29300lm	5000K

 * The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

1606W180.T5.5770.04 84 LED 180W 30800lm 5700K

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

STANDARD ACCESSORIES

+A50	Adapter for pole Ø40 Ø50mm, depth 90mm
+A60	Adapter for pole Ø55 Ø65mm, depth 100mm
+A70	Adapter for pole Ø66 Ø76mm, depth 100mm

* Example of complete code: 1606W180.T1S.3070.04+A50+03002





900 mm 30 mm





TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [in 5° step]
Net weight	Approx. 10.8 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	4x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short
	Type II medium / Type III short
	Type III medium / Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	240W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centersand main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF, Photocell

OPTIONAL ACCESSORIES

+03002	On/off
+03010	DALI dimmable
+00250	Photocell
+00260	Shorting cap
+00313	NEMA 3-PIN [non-dimmable]
+00315	NEMA 5-PIN [1-10V dimmable]
+00317	NEMA 7-PIN [DALI dimmable]





 \bigcirc

RG1

CE





03

COLOURS

RAL



IK09

IP66

5 YEARS



FEATURES

A⁺⁺

A







PRODUC	T CODES
INODOC	I CODES



ATH	1606W240.T1S.3070.04	112 LED	240W	35300lm	3000K
	1606W240.T1S.4070.04	112 LED	240W	37000lm	4000K
	1606W240.T1S.5070.04	112 LED	240W	39100lm	5000K
<u> </u>	1606W240.T1S.5770.04	112 LED	240W	41000lm	5700K
THH	1606W240.T2S.3070.04	112 LED	240W	35300lm	3000K
	1606W240.T2S.4070.04	112 LED	240W	37000lm	4000K
	1606W240.T2S.5070.04	112 LED	240W	39100lm	5000K
<u>× / / </u> 55°x80°	1606W240.T2S.5770.04	112 LED	240W	41000lm	5700K
HHH	1606W240.T2M.3070.04	112 LED	240W	35300lm	3000K
	1606W240.T2M.4070.04	112 LED	240W	37000lm	4000K
	1606W240.T2M.5070.04	112 LED	240W	39100lm	5000K
0°x120°	1606W240.T2M.5770.04	112 LED	240W	41000lm	5700K
HHH	1606W240.T3S.3070.04	112 LED	240W	35300lm	3000K
	1606W240.T3S.4070.04	112 LED	240W	37000lm	4000K
	1606W240.T3S.5070.04	112 LED	240W	39100lm	5000K
i0°x110°	1606W240.T3S.5770.04	112 LED	240W	41000lm	5700K
AHI	1606W240.T3M.3070.04	112 LED	240W	35300lm	3000K
	1606W240.T3M.4070.04	112 LED	240W	37000lm	4000K
	1606W240.T3M.5070.04	112 LED	240W	39100lm	5000K
60°x80°	1606W240.T3M.5770.04	112 LED	240W	41000lm	5700K
	4/0/10/075 0070 04	110150	0.40144	252001	20001
AHT .	1606W240.T5.3070.04	112 LED	240W	35300lm	3000K
	1606W240.T5.4070.04	112 LED	240W	37000lm	4000K
	1606W240.T5.5070.04	112 LED	240W	39100lm	5000K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

112 LED 240W 41000lm 5700K

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

STANDARD ACCESSORIES

1606W240.T5.5770.04

+A50	Adapter for pole Ø40 Ø50mm, depth 90mm
+A60	Adapter for pole Ø55 Ø65mm, depth 100mm
+A70	Adapter for pole Ø66 Ø76mm, depth 100mm



* Example of complete code: 1606W240.T1S.3070.04+A50+03002





980 mm 30 mm



COLOURS

04

03

RAL

TECHNICAL SPECIFICATIONS

Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
5 71	90° [in 5° step]
Adjustability Net weight	Approx. 12.0 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	INU7
Light source type	5x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short
Light distributions	Type II medium / Type III short
	Type III medium / Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	<5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	300W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centersand main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF, Photocell

OPTIONAL ACCESSORIES

On/off	+03002
DALI dimmable	+03010
Photocell	+00250
Shorting cap	+00260
NEMA 3-PIN [non-dimmable]	+00313
NEMA 5-PIN [1-10V dimmable]	+00315
NEMA 7-PIN [DALI dimmable]	+00317

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...111 1-10V

DALI

CONTROL

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RG1



A⁺⁺









PRODUCT	CODES
11100001	CODLO



H	1606W300.T1S.3070.04	140 LED	300W	44100lm	3000K
\mathbb{H}	1606W300.T1S.4070.04	140 LED	300W	46400lm	4000K
\overline{D}	1606W300.T1S.5070.04	140 LED	300W	48900lm	5000K
X	1606W300.T1S.5770.04	140 LED	300W	51300lm	5700K
H	1606W300.T2S.3070.04	140 LED	300W	44100lm	3000K
H	1606W300.T2S.4070.04	140 LED	300W	46400lm	4000K
ZI	1606W300.T2S.5070.04	140 LED	300W	48900lm	5000K
X	1606W300.T2S.5770.04	140 LED	300W	51300lm	5700K
H	1606W300.T2M.3070.04	140 LED	300W	44100lm	3000K
	1606W300.T2M.4070.04	140 LED	300W	46400lm	4000K
Ð	1606W300.T2M.5070.04	140 LED	300W	48900lm	5000K
	1606W300.T2M.5770.04	140 LED	300W	51300lm	5700K
H	1606W300.T3S.3070.04	140 LED	300W	44100lm	3000K
H	1606W300.T3S.4070.04	140 LED	300W	46400lm	4000K
Z	1606W300.T3S.5070.04	140 LED	300W	48900lm	5000K
	1606W300.T3S.5770.04	140 LED	300W	51300lm	5700K
<u>, ,</u>					
H	1606W300.T3M.3070.04	140 LED	300W	44100lm	3000K
	1606W300.T3M.4070.04	140 LED	300W	46400lm	4000K
27	1606W300.T3M.5070.04	140 LED	300W	48900lm	5000K
	1606W300.T3M.5770.04	140 LED	300W	51300lm	5700K
<u> </u>					
H	1606W300.T5.3070.04	140 LED	300W	44100lm	3000K
\square	1606W300.T5.4070.04	140 LED	300W	46400lm	4000K
//	1606W300.T5.5070.04	140 LED	300W	48900lm	5000K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

140 LED 300W 51300lm 5700K

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

STANDARD ACCESSORIES

1606W300.T5.5770.04

+A50	Adapter for pole Ø40 Ø50mm, depth 90mm
+A60	Adapter for pole Ø55 Ø65mm, depth 100mm
+A70	Adapter for pole Ø66 Ø76mm, depth 100mm

* Example of complete code: 1606W300.T1S.3070.04+A50+03002







1060 mm



COLOURS

04

03

RAL

TECHNICAL SPECIFICATIONS

	10113
LUMINAIRE BODY	
Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [in 5° step]
Net weight	Approx. 13.2 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	6x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short
	Type II medium / Type III short
	Type III medium / Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	360W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centersand main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF, Photocell

OPTIONAL ACCESSORIES

+03002	On/off
+03010	DALI dimmable
+00250	Photocell
+00260	Shorting cap
+00313	NEMA 3-PIN [non-dimmable]
+00315	NEMA 5-PIN [1-10V dimmable]
+00317	NEMA 7-PIN [DALI dimmable]

200010000
in a standard



41





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CONTROL

...111 1-10V

DALI















PRODUCT	CODES
11100001	CODLO



1606W360.T1S.3070.04	168 LED	360W	53000lm	3000K
1606W360.T1S.4070.04	168 LED	360W	55700lm	4000K
1606W360.T1S.5070.04	168 LED	360W	58600lm	5000K
1606W360.T1S.5770.04	168 LED	360W	61600lm	5700K
1606W360.T2S.3070.04	168 LED	360W	53000lm	3000K
1606W360.T2S.4070.04	168 LED	360W	55700lm	4000K
1606W360.T2S.5070.04	168 LED	360W	58600lm	5000K
1606W360.T2S.5770.04	168 LED	360W	61600lm	5700K
1606W360.T2M.3070.04	168 LED	360W		3000K
				4000K
				5000K
1606W360.T2M.5770.04	168 LED	360W	61600lm	5700K
				3000K
				4000K
	168 LED	360W		5000K
1606W360.T3S.5770.04	168 LED	360W	61600lm	5700K
				3000K
				4000K
				5000K
1606W360.T3M.5770.04	168 LED	360W	61600lm	5700K
			500001	
				3000K
				4000K
1606W360.15.5070.04	168 LED	360W	58600Im	5000K
	1606W360.T1S.4070.04 1606W360.T1S.5070.04 1606W360.T1S.5770.04 1606W360.T2S.3070.04 1606W360.T2S.4070.04 1606W360.T2S.5070.04 1606W360.T2S.5770.04	1606W360.T1S.4070.04 168 LED 1606W360.T1S.5070.04 168 LED 1606W360.T1S.5770.04 168 LED 1606W360.T2S.3070.04 168 LED 1606W360.T2S.4070.04 168 LED 1606W360.T2S.5070.04 168 LED 1606W360.T2S.5070.04 168 LED 1606W360.T2S.5770.04 168 LED 1606W360.T2M.3070.04 168 LED 1606W360.T2M.5070.04 168 LED 1606W360.T2M.5070.04 168 LED 1606W360.T3S.3070.04 168 LED 1606W360.T3S.3070.04 168 LED 1606W360.T3S.5070.04 168 LED 1606W360.T3S.5070.04 168 LED 1606W360.T3M.3070.04 168 LED 1606W360.T3M.3070.04 168 LED 1606W360.T3M.5070.04 168 LED	1606W360.T1S.4070.04 168 LED 360W 1606W360.T1S.5070.04 168 LED 360W 1606W360.T1S.5770.04 168 LED 360W 1606W360.T2S.3070.04 168 LED 360W 1606W360.T2S.4070.04 168 LED 360W 1606W360.T2S.5070.04 168 LED 360W 1606W360.T2S.5070.04 168 LED 360W 1606W360.T2S.5770.04 168 LED 360W 1606W360.T2M.3070.04 168 LED 360W 1606W360.T2M.4070.04 168 LED 360W 1606W360.T2M.5070.04 168 LED 360W 1606W360.T3S.3070.04 168 LED 360W 1606W360.T3S.3070.04 168 LED 360W 1606W360.T3S.5070.04 168 LED 360W 1606W360.T3M.3070.04 168 LED 360W 1606W360.T3M.5070.04 168 LED </th <th>1606W360.T1S.4070.04 168 LED 360W 55700lm 1606W360.T1S.5070.04 168 LED 360W 58600lm 1606W360.T1S.5770.04 168 LED 360W 61600lm 1606W360.T2S.3070.04 168 LED 360W 53000lm 1606W360.T2S.4070.04 168 LED 360W 53000lm 1606W360.T2S.5070.04 168 LED 360W 58600lm 1606W360.T2S.5770.04 168 LED 360W 53000lm 1606W360.T2M.3070.04 168 LED 360W 53000lm 1606W360.T2M.4070.04 168 LED 360W 53000lm 1606W360.T2M.5070.04 168 LED 360W 53000lm 1606W360.T3S.3070.04 168 LED 360W 53000lm 1606W360.T3S.3070.04 168 LED 360W 53000lm 1606W360.T3S.5070.04 168 LED 360W 53000lm 1606W360.T3S.5070.04 168 LED 360W 53000lm 1606W360.T3M.3070.04 168 LED 360W 53000lm 1606W360.T3M.4070.04 168 LED 360W 570</th>	1606W360.T1S.4070.04 168 LED 360W 55700lm 1606W360.T1S.5070.04 168 LED 360W 58600lm 1606W360.T1S.5770.04 168 LED 360W 61600lm 1606W360.T2S.3070.04 168 LED 360W 53000lm 1606W360.T2S.4070.04 168 LED 360W 53000lm 1606W360.T2S.5070.04 168 LED 360W 58600lm 1606W360.T2S.5770.04 168 LED 360W 53000lm 1606W360.T2M.3070.04 168 LED 360W 53000lm 1606W360.T2M.4070.04 168 LED 360W 53000lm 1606W360.T2M.5070.04 168 LED 360W 53000lm 1606W360.T3S.3070.04 168 LED 360W 53000lm 1606W360.T3S.3070.04 168 LED 360W 53000lm 1606W360.T3S.5070.04 168 LED 360W 53000lm 1606W360.T3S.5070.04 168 LED 360W 53000lm 1606W360.T3M.3070.04 168 LED 360W 53000lm 1606W360.T3M.4070.04 168 LED 360W 570

*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

168 LED 360W 61600lm 5700K

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

STANDARD ACCESSORIES

1606W360.T5.5770.04

+A50	Adapter for pole Ø40 Ø50mm, depth 90mm
+A60	Adapter for pole Ø55 Ø65mm, depth 100mm
+A70	Adapter for pole Ø66 Ø76mm, depth 100mm

* Example of complete code: 1606W360.T1S.3070.04+A50+03002





1140 mm



COLOURS

04

03

TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Side-entry / post-top
Adjustability	90° [in 5° step]
Net weight	Approx. 14.4 kg
Protection class	IP66
Cover	Tempered glass
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	7x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / Type II short
	Type II medium / Type III short
	Type III medium / Type V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	420W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Traffic routes and main access roads, city centersand main streets, highways, urban and residential areas, public areas
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF, Photocell

OPTIONAL ACCESSORIES

On/off	+03002
DALI dimmable	+03010
Photocell	+00250
Shorting cap	+00260
NEMA 3-PIN [non-dimmable]	+00313
NEMA 5-PIN [1-10V dimmable]	+00315
NEMA 7-PIN [DALI dimmable]	+00317





CONTROL

RG1



DALI















PRODUC	T CODES
INODOC	I CODES



TH	1606W420.T1S.3070.04	196 LED	420W	61700lm	3000K
	1606W420.T1S.4070.04	196 LED	420W	65000lm	4000K
AD	1606W420.T1S.5070.04	196 LED	420W	68400lm	5000K
× / × x90°	1606W420.T1S.5770.04	196 LED	420W	71800lm	5700K
TH	1606W420.T2S.3070.04	196 LED	420W	61700lm	3000K
	1606W420.T2S.4070.04	196 LED	420W	65000lm	4000K
Æ	1606W420.T2S.5070.04	196 LED	420W	68400lm	5000K
x / / / / / / / / / / / / / / / / / / /	1606W420.T2S.5770.04	196 LED	420W	71800lm	5700K
AH1	1606W420.T2M.3070.04	196 LED	420W	61700lm	3000K
	1606W420.T2M.4070.04	196 LED	420W	65000lm	4000K
H	1606W420.T2M.5070.04	196 LED	420W	68400lm	5000K
x120°	1606W420.T2M.5770.04	196 LED	420W	71800lm	5700K
AHH .	1606W420.T3S.3070.04	196 LED	420W	61700lm	3000K
	1606W420.T3S.4070.04	196 LED	420W	65000lm	4000K
HA	1606W420.T3S.5070.04	196 LED	420W	68400lm	5000K
x110°	1606W420.T3S.5770.04	196 LED	420W	71800lm	5700K
XII	4/0/14/00 7014 0070 04	10/155	40.0144	(1700)	20001
HH	1606W420.T3M.3070.04	196 LED	420W	61700lm	3000K
	1606W420.T3M.4070.04	196 LED	420W	65000lm	4000K
	1606W420.T3M.5070.04	196 LED	420W	68400lm	5000K
°x80°	1606W420.T3M.5770.04	196 LED	420W	71800lm	5700K
XII	1/0/W/20 TE 2070 04	10/150	420144	(1700)	20001/
HT	1606W420.T5.3070.04	196 LED 196 LED	420W	61700lm	3000K
	1606W420.T5.4070.04 1606W420.T5.5070.04	196 LED	420W	65000lm 68400lm	4000K
TH .	1000/0420.15.50/0.04	140 LED	420W	00400IM	5000K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

196 LED 420W 71800lm 5700K

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

STANDARD ACCESSORIES

1606W420.T5.5770.04

+A50	Adapter for pole Ø40 Ø50mm, depth 90mm
+A60	Adapter for pole Ø55 Ø65mm, depth 100mm
+A70	Adapter for pole Ø66 Ø76mm, depth 100mm

* Example of complete code: 1606W420.T1S.3070.04+A50+03002



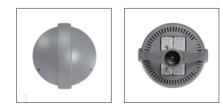




YUAN

1111

LED LUMINAIRE FOR RESIDENTIAL & PUBLIC AREA LIGHTING. OPTIMIZED OPTICS FOR EFFICIENT AND COMFORTABLE ILLUMINANCE LEVELS.



HOUSING

The luminaire body is made of die-cast aluminum, with powder coated finishing for harsh outdoor environments. Well designed construction improves the performance of heat dissipation and self-cleaning.



LIGHT SOURCE

Modular light source with high power LEDs, the LED modules are made of quality polycarbonate lenses and massive aluminum cooling fins, guarantees professional light distrubutions and thermal management. Tool-less replaceable modules, quick and easy for onsite maintenance. Available in a wide range of optics ensure the necessary flexibility to meet different technical lighting requirements.

DRIVER

High efficient LED driver with built-in 10kV surge protection device. Optional 1-10V and DALI dimmable.

SERIES YUAN

LED MODULES	12
POWER	40 120
LUMINOUS FLUX	5500 18200



EFFICIENT ILLUMINANCE



WIRINGS

Inner wirings with IP68 high protection connectors which can guarantee the stability, at the meantime, reduce its later maintenance cost



INSTALLATION ARM

The luminaire can be installed with a Y-shape arm suitable for pole Ø60 ... Ø68mm, maximum installation depth 115mm. This arm is made of powder coated die-cast aluminum.

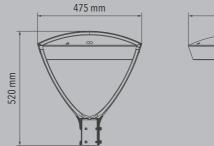


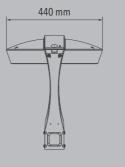


TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 6.6 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short
	Type II medium
	Туре V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	153 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	40W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF









5 YEARS





CONTROL

COLOURS









PRODUCT CODES



	1607W40.T1S.3070.04	28 LED	40W	5500lm	3000K
	1607W40.T1S.4070.04	28 LED	40W	5800lm	4000K
	1607W40.T1S.5070.04	28 LED	40W	6100lm	5000K
155°x90°	1607W40.T1S.5770.04	28 LED	40W	6400lm	5700K
HXXXXXXX	1607W40.T2S.3070.04	28 LED	40W	5500lm	3000K
	1607W40.T2S.4070.04	28 LED	40W	5800lm	4000K
	1607W40.T2S.5070.04	28 LED	40W	6100lm	5000K
155°x80°	1607W40.T2S.5770.04	28 LED	40W	6400lm	5700K
HXXXXXX	1607W40.T2M.3070.04	28 LED	40W	5500lm	3000K
	1607W40.T2M.4070.04	28 LED	40W	5800lm	4000K
	1607W40.T2M.5070.04	28 LED	40W	6100lm	5000K
160°x80°	1607W40.T2M.5770.04	28 LED	40W	6400lm	5700K
	1607W40.T5.3070.04	28 LED	40W	5500lm	3000K
	1607W40.T5.4070.04	28 LED	40W	5800lm	4000K
	1607W40.T5.5070.04	28 LED	40W	6100lm	5000K
160°x155°	1607W40.T5.5770.04	28 LED	40W	6400lm	5700K

 * The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

+03002 +03010

On/off DALI dimmable

* Example of complete code: 1607W40.T1S.3070.04+03002

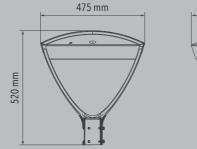


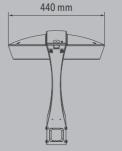


TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 6.6 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short
	Type II medium
	Туре V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	147 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	50W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF









5 YEARS





CONTROL



COLOURS









PRODUCT CODES



1607W50.T1S.4070.04 28 LED 50W 6900lm 4000k 1607W50.T1S.5070.04 28 LED 50W 7300lm 5000k 1607W50.T1S.5770.04 28 LED 50W 7300lm 5000k 1607W50.T1S.5770.04 28 LED 50W 7700lm 5700k 1607W50.T2S.3070.04 28 LED 50W 6600lm 3000k 1607W50.T2S.4070.04 28 LED 50W 6900lm 4000k 1607W50.T2S.5070.04 28 LED 50W 7300lm 5000k 1607W50.T2S.5070.04 28 LED 50W 7300lm 5000k 1607W50.T2M.3070.04 28 LED 50W 6600lm 3000k 1607W50.T2M.5070.04 28 LED 50W 7300lm 5000k 1607W50.T2M.5070.04 28 LED 50W 7300lm 5000k 1607W50.T5.3070.04 28 LED 50W 7300lm 5700k 1607W50.T5.3070.04 28 LED 50W 6600lm 3000k 1607W50.T5.3070.04 28 LED 50W 6600lm						
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1607W50.T5.5070.04 28 LED 50W 7300lm 5000k		1607W50.T5.3070.04	28 LED	50W	6600lm	3000K
		1607W50.T5.4070.04	28 LED	50W	6900lm	4000K
1607W50.T5.5770.04 28 LED 50W 7700lm 5700K		1607W50.T5.5070.04	28 LED	50W	7300lm	5000K
	160°x155°	1607W50.T5.5770.04	28 LED	50W	7700lm	5700K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

+03002 +03010

On/off DALI dimmable

* Example of complete code: 1607W50.T1S.3070.04+03002

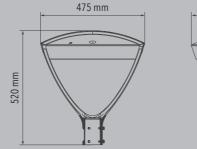


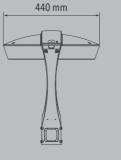


TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 6.6 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short
	Type II medium
	Туре V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	140 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	60W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF









5 YEARS







CONTROL

COLOURS









PRODUCT CODES



	1607W60.T1S.3070.04	28 LED	60W	7500lm	3000K
	1607W60.T1S.4070.04	28 LED	60W	7900lm	4000K
	1607W60.T1S.5070.04	28 LED	60W	8400lm	5000K
155°x90°	1607W60.T1S.5770.04	28 LED	60W	8800lm	5700K
	1607W60.T2S.3070.04	28 LED	60W	7500lm	3000K
	1607W60.T2S.4070.04	28 LED	60W	7900lm	4000K
	1607W60.T2S.5070.04	28 LED	60W	8400lm	5000K
155°x80°	1607W60.T2S.5770.04	28 LED	60W	8800lm	5700K
	1607W60.T2M.3070.04	28 LED	60W	7500lm	3000K
	1607W60.T2M.4070.04	28 LED	60W	7900lm	4000K
	1607W60.T2M.5070.04	28 LED	60W	8400lm	5000K
160°x80°	1607W60.T2M.5770.04	28 LED	60W	8800lm	5700K
	1607W60.T5.3070.04	28 LED	60W	7500lm	3000K
	1607W60.T5.4070.04	28 LED	60W	7900lm	4000K
	1607W60.T5.5070.04	28 LED	60W	8400lm	5000K
160°x155°	1607W60.T5.5770.04	28 LED	60W	8800lm	5700K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

+03002 +03010

On/off DALI dimmable

* Example of complete code: 1607W60.T1S.3070.04+03002



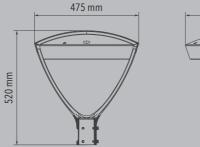


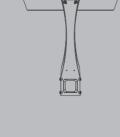


TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 7.1 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short
	Type II medium
	Туре V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	158 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	80W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF







440 mm



5 YEARS







COLOURS









PRODUCT CODES



	1607W80.T1S.3070.04	56 LED	80W	11400lm	3000K
	1607W80.T1S.4070.04	56 LED	80W	12000lm	4000K
	1607W80.T1S.5070.04	56 LED	80W	12600lm	5000K
155°x90°	1607W80.T1S.5770.04	56 LED	80W	13200lm	5700K
BATH	1607W80.T2S.3070.04	56 LED	80W	11400lm	3000K
	1607W80.T2S.4070.04	56 LED	80W	12000lm	4000K
	1607W80.T2S.5070.04	56 LED	80W	12600lm	5000K
155°x80°	1607W80.T2S.5770.04	56 LED	80W	13200lm	5700K
KATH	1607W80.T2M.3070.04	56 LED	80W	11400lm	3000K
	1607W80.T2M.4070.04	56 LED	80W	12000lm	4000K
	1607W80.T2M.5070.04	56 LED	80W	12600lm	5000K
160°x80°	1607W80.T2M.5770.04	56 LED	80W	13200lm	5700K
RATH!	1607W80.T5.3070.04	56 LED	80W	11400lm	3000K
	1607W80.T5.4070.04	56 LED	80W	12000lm	4000K
	1607W80.T5.5070.04	56 LED	80W	12600lm	5000K
160°x155°	1607W80.T5.5770.04	56 LED	80W	13200lm	5700K

 * The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Safety class I standard, class II optional

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

+03002 +03010

On/off DALI dimmable

* Example of complete code: 1607W80.T1S.3070.04+03002

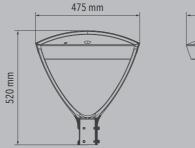


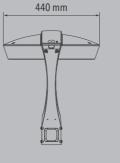


TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 7.1 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short
	Type II medium
	Туре V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	152 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	100W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF















CONTROL

COLOURS







5 YEARS

PRODUCT CODES



	1607W100.T1S.3070.04	56 LED	100W	13700lm	3000K
	1607W100.T1S.4070.04	56 LED	100W	14400lm	4000K
	1607W100.T1S.5070.04	56 LED	100W	15200lm	5000K
155°x90°	1607W100.T1S.5770.04	56 LED	100W	15900lm	5700K
HXXXXIII	1607W100.T2S.3070.04	56 LED	100W	13700lm	3000K
	1607W100.T2S.4070.04	56 LED	100W	14400lm	4000K
	1607W100.T2S.5070.04	56 LED	100W	15200lm	5000K
155°x80°	1607W100.T2S.5770.04	56 LED	100W	15900lm	5700K
	1607W100.T2M.3070.04	56 LED	100W	13700lm	3000K
	1607W100.T2M.4070.04	56 LED	100W	14400lm	4000K
	1607W100.T2M.5070.04	56 LED	100W	15200lm	5000K
160°x80°	1607W100.T2M.5770.04	56 LED	100W	15900lm	5700K
HARTH	1607W100.T5.3070.04	56 LED	100W	13700lm	3000K
	1607W100.T5.4070.04	56 LED	100W	14400lm	4000K
	1607W100.T5.5070.04	56 LED	100W	15200lm	5000K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

56 LED 100W 15900lm 5700K

Safety class I standard, class II optional

1607W100.T5.5770.04

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

+03002 +03010

On/off DALI dimmable

* Example of complete code: 1607W100.T1S.3070.04+03002

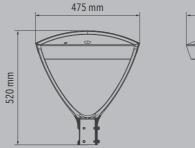


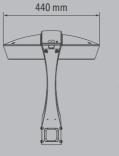


TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Post-top
Adjustability	N/A
Net weight	Approx. 7.1 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK08
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Asymmetrical / symmetrical
Light distributions	Type I short / type II short
	Type II medium
	Туре V
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	145 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	Built-in LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	120W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Residential areas, road and streets public areas, city centers, parks and plazas commercial districts
Operating temperature	-40°C +50 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF









5 YEARS







COLOURS









PRODUCT CODES



	1607W120.T1S.3070.04	56 LED	120W	15700lm	3000K
	1607W120.T1S.4070.04	56 LED	120W	16500lm	4000K
	1607W120.T1S.5070.04	56 LED	120W	17400lm	5000K
155°x90°	1607W120.T1S.5770.04	56 LED	120W	18200lm	5700K
TAX TH	1607W120.T2S.3070.04	56 LED	120W	15700lm	3000K
	1607W120.T2S.4070.04	56 LED	120W	16500lm	4000K
	1607W120.T2S.5070.04	56 LED	120W	17400lm	5000K
155°x80°	1607W120.T2S.5770.04	56 LED	120W	18200lm	5700K
	1607W120.T2M.3070.04	56 LED	120W	15700lm	3000K
	1607W120.T2M.4070.04	56 LED	120W	16500lm	4000K
	1607W120.T2M.5070.04	56 LED	120W	17400lm	5000K
160°x80°	1607W120.T2M.5770.04	56 LED	120W	18200lm	5700K
HARTHH	1607W120.T5.3070.04	56 LED	120W	15700lm	3000K
	1607W120.T5.4070.04	56 LED	120W	16500lm	4000K
ARXXXII	1607W120.T5.5070.04	56 LED	120W	17400lm	5000K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

56 LED 120W 18200lm 5700K

Safety class I standard, class II optional

1607W120.T5.5770.04

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

+03002 +03010

On/off DALI dimmable

* Example of complete code: 1607W120.T1S.3070.04+03002









DURABLE LED FLOOD LIGHTING LUMINAIRE.

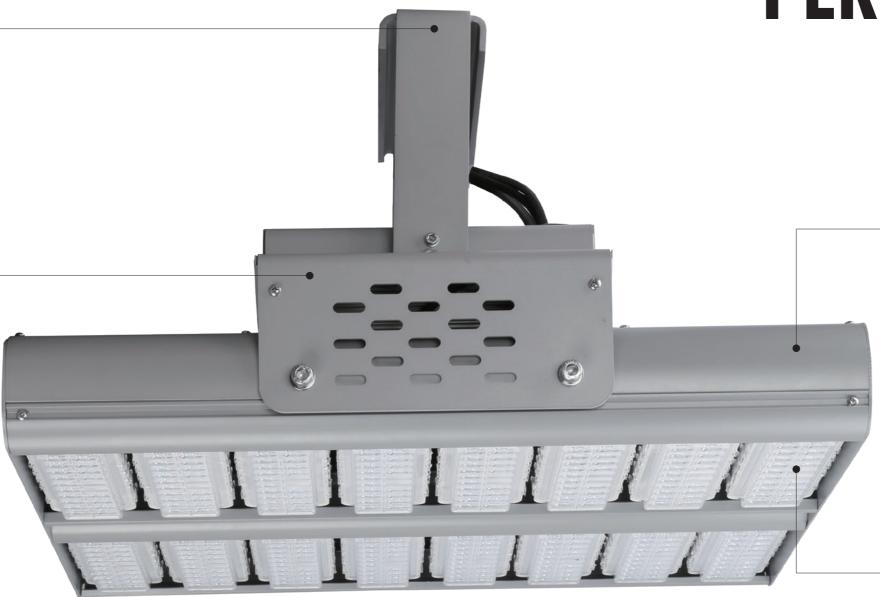
AVAILABLE IN A WIDE RANGE OF LUMINOUS FLUX AND OPTICS.



BRACKET Adjustable bracket with lock studs provides easy installation and ensures safety.



DRIVER BOX Hollow-carved driver box ensures heat dissipation as well as protection for drivers



SERIES FLEXI

LED MODULES	1 16
POWER	60 480
LUMINOUS FLUX	8600 163200

OPTIMAL PERFORMANCE



HOUSING

The luminaire body is made of extruded galvanized steel, with powder coated finishing for harsh outdoor environments. Whole-construction industrial design guarantees mechanical strength and excellent thermal management, providing continuous operation and unparalleled safety and protection. The housing is available in 8 dimensions for different power packages



LIGHT SOURCE

Modular light source with high power LEDs, the LED modules are made of quality polycarbonate lenses and massive aluminum cooling fins, guarantees professional light distributions and thermal management. Tool-less replaceable modules, quick and easy to onsite maintain. Available in a wide range of optics improve the necessary flexibility to meet different lighting requirements.





360 mm

TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° +180°
Net weight	Approx. 3.6 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	1x LED module with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / asymmetrical
Light distributions	Medium / flood / wide flood
	Super wide flood / Elliptical
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	60W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C +45 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF

















5 YEARS





200

COLOURS





PRODUCT CODES



	1305W60.M.3070.04	28 LED	60W	8600lm	3000K
A HIT	1305W60.M.4070.04	28 LED	60W	9000lm	4000K
	1305W60.M.5070.04	28 LED	60W	9400lm	5000K
25°	1305W60.M.5770.04	28 LED	60W	9900lm	5700K
TAX TH	1305W60.F.3070.04	28 LED	60W	8600lm	3000K
	1305W60.F.4070.04	28 LED	60W	9000lm	4000K
	1305W60.F.5070.04	28 LED	60W	9400lm	5000K
40°	1305W60.F.5770.04	28 LED	60W	9900lm	5700K
,					
BXXXXX	1305W60.WF.3070.04	28 LED	60W	8600lm	3000K
	1305W60.WF.4070.04	28 LED	60W	9000lm	4000K
	1305W60.WF.5070.04	28 LED	60W	9400lm	5000K
60°	1305W60.WF.5770.04	28 LED	60W	9900lm	5700K
RXXXXXX	1305W60.SWF.3070.04	28 LED	60W	8600lm	3000K
	1305W60.SWF.4070.04	28 LED	60W	9000lm	4000K
	1305W60.SWF.5070.04	28 LED	60W	9400lm	5000K
90°	1305W60.SWF.5770.04	28 LED	60W	9900lm	5700K
TAX TH	1305W60.E.3070.04	28 LED	60W	8600lm	3000K
	1305W60.E.4070.04	28 LED	60W	9000lm	4000K
	1305W60.E.5070.04	28 LED	60W	9400lm	5000K
90°x40°	1305W60.E.5770.04	28 LED	60W	9900lm	5700K
TXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1305W60.SPL.3070.04	28 LED	60W	8600lm	3000K
	1305W60.SPL.4070.04	28 LED	60W	9000lm	4000K
	1305W60.SPL.5070.04	28 LED	60W	9400lm	5000K
$H \times X$					

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

28 LED 60W 9900lm 5700K

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

1305W60.SPL.5770.04

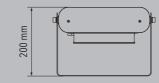
+03002	On/off
+03010	DALI dimmable

* Example of complete code: 1305W60.M.3070.04+03002





360 mm



TECHNICAL SPECIFICATIONS

LUMINAIRE BODY Material	Extruded galvanized steel
Finsihing process	Powder coated
Standard colour	Grev
Mounting type	Surface mounted
Adjustability	-180° +180°
Net weight	Approx. 4.7 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood
	Super wide flood / elliptical
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	120W
Power factor	>0.95 10 kV line-earth
Surge protection Standard control	10 kV line-earth 1-10V
INSTALLATION	1-100
Environment	Outdoor
Application areas	Sports facilities, packing lots,
Appreciation areas	billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C +45 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF





5 YEARS





COLOURS















PRODUCT CODES



BATH!	1305W120.M.3070.04	56 LED	120W	17500lm	3000K
	1305W120.M.4070.04	56 LED	120W	18500lm	4000K
	1305W120.M.5070.04	56 LED	120W	19400lm	5000K
25°	1305W120.M.5770.04	56 LED	120W	20400lm	5700K
KATH	1305W120.F.3070.04	56 LED	120W	17500lm	3000K
	1305W120.F.4070.04	56 LED	120W	18500lm	4000K
	1305W120.F.5070.04	56 LED	120W	19400lm	5000K
40°	1305W120.F.5770.04	56 LED	120W	20400lm	5700K
	1305W120.WF.3070.04	56 LED	120W	17500lm	3000K
	1305W120.WF.4070.04	56 LED	120W	18500lm	4000K
	1305W120.WF.5070.04	56 LED	120W	19400lm	5000K
60°	1305W120.WF.5770.04	56 LED	120W	20400lm	5700K
	1305W120.SWF.3070.04	56 LED	120W	17500lm	3000K
	1305W120.SWF.4070.04	56 LED	120W	18500lm	4000K
	1305W120.SWF.5070.04	56 LED	120W	19400lm	5000K
90°	1305W120.SWF.5770.04	56 LED	120W	20400lm	5700K
	1305W120.E.3070.04	56 LED	120W	17500lm	3000K
	1305W120.E.4070.04	56 LED	120W	18500lm	4000K
	1305W120.E.5070.04	56 LED	120W	19400lm	5000K
90°x40°	1305W120.E.5770.04	56 LED	120W	20400lm	5700K
	1305W120.SPL.3070.04	56 LED	120W	17500lm	3000K
	1305W120.SPL.4070.04	56 LED	120W	18500lm	4000K
	1305W120.SPL.5070.04	56 LED	120W	19400lm	5000K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

1305W120.SPL.5770.04 56 LED 120W 20400lm 5700K

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

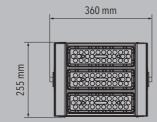
+03002	On/off
+03010	DALI dimmable

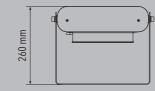
* Example of complete code: 1305W120.M.3070.04+03002











TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° +180°
Net weight	Approx. 6.0 kg
Protection class	IP66
Cover	N/A
Impact resistance	ІК09
PHOTOMETRICAL DATA	
Light source type	3x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood
	Super wide flood / elliptical
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	180W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C +45 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF





5 YEARS





COLOURS

















PRODUCT CODES



	1305W180.M.3070.04	84 LED	180W	26300lm	3000K
	1305W180.M.4070.04	84 LED	180W	27700lm	4000K
	1305W180.M.5070.04	84 LED	180W	29100lm	5000K
25°	1305W180.M.5770.04	84 LED	180W	30600lm	5700K
	1305W180.F.3070.04	84 LED	180W	26300lm	3000K
	1305W180.F.4070.04	84 LED	180W	27700lm	4000K
	1305W180.F.5070.04	84 LED	180W	29100lm	5000K
40°	1305W180.F.5770.04	84 LED	180W	30600lm	5700K
XATH	1305W180.WF.3070.04	84 LED	180W	26300lm	3000K
	1305W180.WF.4070.04	84 LED	180W	27700lm	4000K
	1305W180.WF.5070.04	84 LED	180W	29100lm	5000K
60°	1305W180.WF.5770.04	84 LED	180W	30600lm	5700K
	1305W180.SWF.3070.04	84 LED	180W	26300lm	3000K
	1305W180.SWF.4070.04	84 LED	180W	27700lm	4000K
	1305W180.SWF.5070.04	84 LED	180W	29100lm	5000K
90°	1305W180.SWF.5770.04	84 LED	180W	30600lm	5700K
	1305W180.E.3070.04	84 LED	180W	26300lm	3000K
	1305W180.E.4070.04	84 LED	180W	27700lm	4000K
	1305W180.E.5070.04	84 LED	180W	29100lm	5000K
90°x40°	1305W180.E.5770.04	84 LED	180W	30600lm	5700K
1 HIH	1305W180.SPL.3070.04	84 LED	180W	26300lm	3000K
	1305W180.SPL.4070.04	84 LED	180W	27700lm	4000K
	1305W180.SPL.5070.04	84 LED	180W	29100lm	5000K

 * The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

1305W180.SPL.5770.04 84 LED 180W 30600lm 5700K

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

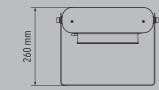
+03002	On/off
+03010	DALI dimmable

* Example of complete code: 1305W180.M.3070.04+03002





360 mm



TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	Extruded galvesteed steel
Material	Extruded galvanized steel
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° +180°
Net weight	Approx. 7.3 kg
Protection class	IP66
Cover	N/A
Impact resistance	ІКО9
PHOTOMETRICAL DATA	
Light source type	4x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood
	Super wide flood / elliptical
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	240W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C +45 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF

FEATURES



5 YEARS





COLOURS















PRODUCT CODES



	1305W240.M.3070.04	112 LED	240W	35000lm	3000K
	1305W240.M.4070.04	112 LED	240W	36900lm	4000K
	1305W240.M.5070.04	112 LED	240W	38800lm	5000K
25°	1305W240.M.5770.04	112 LED	240W	40800lm	5700K
BATTH -	1305W240.F.3070.04	112 LED	240W	35000lm	3000K
	1305W240.F.4070.04	112 LED	240W	36900lm	4000K
	1305W240.F.5070.04	112 LED	240W	38800lm	5000K
40°	1305W240.F.5770.04	112 LED	240W	40800lm	5700K
	1305W240.WF.3070.04	112 LED	240W	35000lm	3000K
	1305W240.WF.4070.04	112 LED	240W	36900lm	4000K
	1305W240.WF.5070.04	112 LED	240W	38800lm	5000K
60°	1305W240.WF.5770.04	112 LED	240W	40800lm	5700K
	1305W240.SWF.3070.04	112 LED	240W	35000lm	3000K
	1305W240.SWF.4070.04	112 LED	240W	36900lm	4000K
	1305W240.SWF.5070.04	112 LED	240W	38800lm	5000K
90°	1305W240.SWF.5770.04	112 LED	240W	40800lm	5700K
					_
	1305W240.E.3070.04	112 LED	240W		3000K
	1305W240.E.4070.04	112 LED	240W	36900lm	4000K
	1305W240.E.5070.04	112 LED	240W	38800lm	5000K
90°x40°	1305W240.E.5770.04	112 LED	240W	40800lm	5700K
					_
	1305W240.SPL.3070.04	112 LED		35000lm	3000K
	1305W240.SPL.4070.04	112 LED	240W	36900lm	4000K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

 1305W240.SPL.5070.04
 112 LED
 240W
 38800lm
 5000K

 1305W240.SPL.5770.04
 112 LED
 240W
 40800lm
 5700K

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

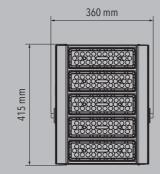
+03002	On/off
+03010	DALI dimmable

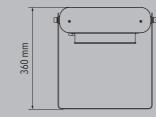
* Example of complete code: 1305W240.M.3070.04+03002











TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° +180°
Net weight	Approx. 9.5 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	5x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood
	Super wide flood / elliptical
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	300W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C +45 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes

FEATURES



5 YEARS





COLOURS





PRODUCT CODES



HH	1305W300.M.3070.04	140 LED	300W	43800lm	3000K
	1305W300.M.4070.04	140 LED	300W	46100lm	4000K
YTT	1305W300.M.5070.04	140 LED	300W	48600lm	5000K
25°	1305W300.M.5770.04	140 LED	300W	51000lm	5700K
11H	1305W300.F.3070.04	140 LED	300W	43800lm	3000K
	1305W300.F.4070.04	140 LED	300W	46100lm	4000K
AT	1305W300.F.5070.04	140 LED	300W	48600lm	5000K
40°	1305W300.F.5770.04	140 LED	300W	51000lm	5700K
HHH	1305W300.WF.3070.04	140 LED	300W	43800lm	3000K
ЦШ	1305W300.WF.4070.04	140 LED	300W	46100lm	4000K
H	1305W300.WF.5070.04	140 LED	300W	48600lm	5000K
X / X 60°	1305W300.WF.5770.04	140 LED	300W	51000lm	5700K
HH	1305W300.SWF.3070.04	140 LED	300W	43800lm	3000K
HH	1305W300.SWF.4070.04	140 LED	300W	46100lm	4000K
H	1305W300.SWF.5070.04	140 LED	300W	48600lm	5000K
<u> </u>	1305W300.SWF.5770.04	140 LED	300W	51000lm	5700K
HH	1305W300.E.3070.04	140 LED	300W	43800lm	3000K
	1305W300.E.4070.04	140 LED	300W	46100lm	4000K
H	1305W300.E.5070.04	140 LED	300W	48600lm	5000K
1°x40°	1305W300.E.5770.04	140 LED	300W	51000lm	5700K
HH	1305W300.SPL.3070.04	140 LED	300W	43800lm	3000K
ЦШ	1305W300.SPL.4070.04	140 LED	300W	46100lm	4000K

*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

 1305W300.SPL.5070.04
 140 LED
 300W
 48600lm
 5000K

 1305W300.SPL.5770.04
 140 LED
 300W
 51000lm
 5700K

Body colour grey (04) standard, black (03) and RAL optional

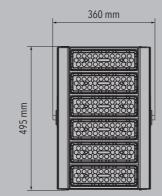
OPTIONAL ACCESSORIES

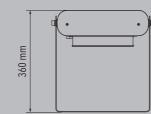
+03002	On/off
+03010	DALI dimmable

* Example of complete code: 1305W300.M.3070.04+03002









TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	Enternal of a strand st	
Material	Extruded galvanized steel	
Finsihing process	Powder coated	
Standard colour	Grey	
Mounting type	Surface mounted	
Adjustability	-180° +180°	
Net weight	Approx. 10.4 kg	
Protection class	IP66	
Cover	N/A	
Impact resistance	ІКО9	
PHOTOMETRICAL DATA		
Light source type	6x LED modules with 5050 LED	
Optic material	Polycarbonate lens	
Optic type	Symmetrical / Asymmetrical	
Light distributions	Medium / flood / wide flood	
	Super wide flood / elliptical	
	Sports lighting	
CCT	3000K / 4000K / 5000K / 5700K	
Luminous efficacy	160 lm/W	
SDCM	≤5	
CRI	≥70	
Photobiological risk	RG1	
ELECTRICAL DATA		
Power supply	External LED driver	
Protection class IEC	Safety class I	
Input voltage	100-240VAC 50/60 Hz	
Wattage	360W	
Power factor	>0.95	
Surge protection	10 kV line-earth	
Standard control	1-10V	
INSTALLATION		
Environment	Outdoor	
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting	
Operating temperature	-40°C +45 °C	
Operating humidity	10% 90%	
Type of connection	Cable [3-pole]	
CAPABILITIES		
Lifespan	50,000 hours	
LED module replaceable	Yes	
Optional control	DALL ON/OFF	

















5 YEARS





COLOURS



PRODUCT CODES



1305W360.M.3070.04	168 LED	360W	52600lm	3000K
1305W360.M.4070.04	168 LED	360W	55400lm	4000K
1305W360.M.5070.04	168 LED	360W	58300lm	5000K
1305W360.M.5770.04	168 LED	360W	61200lm	5700K
1305W360.F.3070.04	168 LED	360W	52600lm	3000K
1305W360.F.4070.04	168 LED	360W	55400lm	4000K
1305W360.F.5070.04	168 LED	360W	58300lm	5000K
1305W360.F.5770.04	168 LED	360W	61200lm	5700K
1305W360.WF.3070.04	168 LED	360W	52600lm	3000K
1305W360.WF.4070.04	168 LED	360W	55400lm	4000K
1305W360.WF.5070.04	168 LED	360W	58300lm	5000K
1305W360.WF.5770.04	168 LED	360W	61200lm	5700K
1305W360.SWF.3070.04	168 LED	360W	52600lm	3000K
1305W360.SWF.4070.04	168 LED	360W	55400lm	4000K
1305W360.SWF.5070.04	168 LED	360W	58300lm	5000K
1305W360.SWF.5770.04	168 LED	360W	61200lm	5700K
1305W360.E.3070.04	168 LED	360W	52600lm	3000K
1305W360.E.4070.04	168 LED	360W	55400lm	4000K
1305W360.E.5070.04	168 LED	360W	58300lm	5000K
1305W360.E.5770.04	168 LED	360W	61200lm	5700K
1305W360.SPL.3070.04	168 LED	360W	52600lm	3000K
1305W360.SPL.4070.04	168 LED	360W	55400lm	4000K
	1305W360.M.4070.04 1305W360.M.5070.04 1305W360.M.5770.04 1305W360.F.3070.04 1305W360.F.4070.04 1305W360.F.5770.04 1305W360.WF.3070.04 1305W360.WF.5070.04 1305W360.WF.5070.04 1305W360.SWF.5070.04 1305W360.SWF.5070.04 1305W360.SWF.5770.04 1305W360.SWF.5770.04 1305W360.E.5070.04 1305W360.E.5070.04 1305W360.E.5070.04 1305W360.E.5770.04	1305W360.M.4070.04 168 LED 1305W360.M.5070.04 168 LED 1305W360.M.5770.04 168 LED 1305W360.F.3070.04 168 LED 1305W360.F.3070.04 168 LED 1305W360.F.5070.04 168 LED 1305W360.F.5770.04 168 LED 1305W360.F.5770.04 168 LED 1305W360.WF.3070.04 168 LED 1305W360.WF.5070.04 168 LED 1305W360.WF.5070.04 168 LED 1305W360.SWF.5070.04 168 LED 1305W360.E.3070.04 168 LED 1305W360.E.3070.04 168 LED 1305W360.E.5070.04 168 LED 1305W360.E.5070.04	1305W360.M.4070.04 168 LED 360W 1305W360.M.5070.04 168 LED 360W 1305W360.M.5770.04 168 LED 360W 1305W360.F.3070.04 168 LED 360W 1305W360.F.3070.04 168 LED 360W 1305W360.F.3070.04 168 LED 360W 1305W360.F.5070.04 168 LED 360W 1305W360.F.5770.04 168 LED 360W 1305W360.WF.3070.04 168 LED 360W 1305W360.WF.5070.04 168 LED 360W 1305W360.WF.5070.04 168 LED 360W 1305W360.SWF.5070.04 168 LED 360W 1305W360.SWF.5070.04 168 LED 360W 1305W360.SWF.5070.04 168 LED 360W 1305W360.SWF.5070.04 168 LED 360W 1305W360.E.3070.04 168 LED 360W 1305W360.E.4070.04 168 LED 360W 1305W360.E.5070.04 168 LED 360W 1305W360.E.5070.04 168 LED 360W 1305W360.E.5070.04 168 LED 360W 1305W360.E.5070.04 168 LED 360W <tr< th=""><th>1305W360.M.4070.04 168 LED 360W 55400lm 1305W360.M.5070.04 168 LED 360W 58300lm 1305W360.M.5770.04 168 LED 360W 61200lm 1305W360.F.3070.04 168 LED 360W 52600lm 1305W360.F.3070.04 168 LED 360W 52600lm 1305W360.F.5070.04 168 LED 360W 52600lm 1305W360.F.5770.04 168 LED 360W 52600lm 1305W360.WF.3070.04 168 LED 360W 52600lm 1305W360.WF.5070.04 168 LED 360W 52600lm 1305W360.WF.5070.04 168 LED 360W 52600lm 1305W360.WF.5070.04 168 LED 360W 52600lm 1305W360.SWF.5070.04 168 LED 360W 52600lm 1305W360.E.3070.04 168 LED 360W 52600lm 1305W360.E.4070.04 168 LED 360W 52600lm</th></tr<>	1305W360.M.4070.04 168 LED 360W 55400lm 1305W360.M.5070.04 168 LED 360W 58300lm 1305W360.M.5770.04 168 LED 360W 61200lm 1305W360.F.3070.04 168 LED 360W 52600lm 1305W360.F.3070.04 168 LED 360W 52600lm 1305W360.F.5070.04 168 LED 360W 52600lm 1305W360.F.5770.04 168 LED 360W 52600lm 1305W360.WF.3070.04 168 LED 360W 52600lm 1305W360.WF.5070.04 168 LED 360W 52600lm 1305W360.WF.5070.04 168 LED 360W 52600lm 1305W360.WF.5070.04 168 LED 360W 52600lm 1305W360.SWF.5070.04 168 LED 360W 52600lm 1305W360.E.3070.04 168 LED 360W 52600lm 1305W360.E.4070.04 168 LED 360W 52600lm

 * The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

 1305W360.SPL.5070.04
 168 LED
 360W
 58300lm
 5000K

 1305W360.SPL.5770.04
 168 LED
 360W
 61200lm
 5700K

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

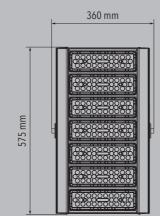
+03002	On/off
+03010	DALI dimmable

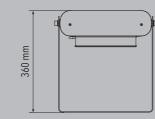
* Example of complete code: 1305W360.M.3070.04+03002











TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-180° +180°
Net weight	Approx. 11.9 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	7x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood
	Super wide flood / elliptical
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	420W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C +45 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF

















5 YEARS

NOTING ADDRESS OF THE OWNER





COLOURS





PRODUCT CODES



EXTIN	1305W420.M.3070.04	196 LED	420W	61400lm	3000K
AUTH	1305W420.M.4070.04	196 LED	420W	64600lm	4000K
	1305W420.M.5070.04	196 LED	420W	68000lm	5000K
25°	1305W420.M.5770.04	196 LED	420W	71400lm	5700K
BXXXXX	1305W420.F.3070.04	196 LED	420W	61400lm	3000K
	1305W420.F.4070.04	196 LED	420W	64600lm	4000K
	1305W420.F.5070.04	196 LED	420W	68000lm	5000K
40°	1305W420.F.5770.04	196 LED	420W	71400lm	5700K
	1305W420.WF.3070.04	196 LED	420W	61400lm	3000K
	1305W420.WF.4070.04	196 LED	420W	64600lm	4000K
	1305W420.WF.5070.04	196 LED	420W	68000lm	5000K
60°	1305W420.WF.5770.04	196 LED	420W	71400lm	5700K
	1305W420.SWF.3070.04	196 LED	420W	61400lm	3000K
	1305W420.SWF.4070.04	196 LED	420W	64600lm	4000K
	1305W420.SWF.5070.04	196 LED	420W	68000lm	5000K
90°	1305W420.SWF.5770.04	196 LED	420W	71400lm	5700K
HARAN H	1305W420.E.3070.04	196 LED	420W	61400lm	3000K
	1305W420.E.4070.04	196 LED	420W	64600lm	4000K
THE KAT	1305W420.E.5070.04	196 LED	420W	68000lm	5000K
90°x40°	1305W420.E.5770.04	196 LED	420W	71400lm	5700K
HARAN H	1305W420.SPL.3070.04	196 LED	420W	61400lm	3000K
	1305W420.SPL.4070.04	196 LED	420W	64600lm	4000K

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

 1305W420.SPL.5070.04
 196 LED
 420W
 68000lm
 5000K

 1305W420.SPL.5770.04
 196 LED
 420W
 71400lm
 5700K

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

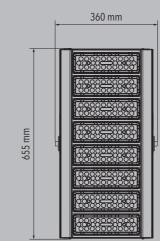
+03002	On/off
+03010	DALI dimmable

* Example of complete code: 1305W420.M.3070.04+03002









360 mm

Material	Extruded galvanized steel
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-65° +65°
Net weight	Approx. 13.1 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	8x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood
	Super wide flood / elliptical
	Sports lighting
ССТ	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	480W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C +45 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF













5 YEARS





CONTROL

COLOURS



PRODUCT CODES



BATTH	1305W480.M.3070.04	224 LED	480W	70100lm	3000K
	1305W480.M.4070.04	224 LED	480W	73800lm	4000K
	1305W480.M.5070.04	224 LED	480W	77700lm	5000K
25°	1305W480.M.5770.04	224 LED	480W	81600lm	5700K
TXXXXXXXX	1305W480.F.3070.04	224 LED	480W	70100lm	3000K
	1305W480.F.4070.04	224 LED	480W	73800lm	4000K
	1305W480.F.5070.04	224 LED	480W	77700lm	5000K
40°	1305W480.F.5770.04	224 LED	480W	81600lm	5700K
TAX TH	1305W480.WF.3070.04	224 LED	480W	70100lm	3000K
	1305W480.WF.4070.04	224 LED	480W	73800lm	4000K
	1305W480.WF.5070.04	224 LED	480W	77700lm	5000K
60°	1305W480.WF.5770.04	224 LED	480W	81600lm	5700K
TXXXXXX	1305W480.SWF.3070.04	224 LED	480W	70100lm	3000K
	1305W480.SWF.4070.04	224 LED	480W	73800lm	4000K
	1305W480.SWF.5070.04	224 LED	480W	77700lm	5000K
90°	1305W480.SWF.5770.04	224 LED	480W	81600lm	5700K
TXXXXXX	1305W480.E.3070.04	224 LED	480W	70100lm	3000K
	1305W480.E.4070.04	224 LED	480W	73800lm	4000K
	1305W480.E.5070.04	224 LED	480W	77700lm	5000K
90°x40°	1305W480.E.5770.04	224 LED	480W	81600lm	5700K
TXXXXXXX	1305W480.SPL.3070.04	224 LED	480W	70100lm	3000K
	1305W480.SPL.4070.04	224 LED	480W	73800lm	4000K
	1305W480.SPL.5070.04	224 LED	480W	77700lm	5000K
$+$ \times \times					

 * The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

1305W480.SPL.5770.04 224 LED 480W 81600lm 5700K

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

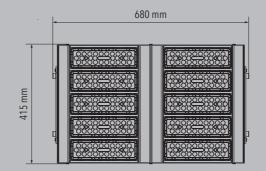
+03002	On/off
+03010	DALI dimmable

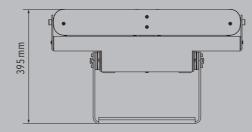
* Example of complete code: 1305W480.M.3070.04+03002











TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	
Material	Extruded galvanized steel
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-90° +90°
Net weight	Approx. 28.9 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	ino,
Light source type	10x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood
	Super wide flood / elliptical
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	600W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C +45 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF

FEATURES



5 YEARS





COLOURS













PRODUCT CODES



1305W600.M.3070.04	280 LED	600W	88200lm	3000K
1305W600.M.4070.04	280 LED	600W	92900lm	4000K
1305W600.M.5070.04	280 LED	600W	97800lm	5000K
1305W600.M.5770.04	280 LED	600W	102600lm	5700K
1305W600.F.3070.04	280 LED	600W	88200lm	3000K
1305W600.F.4070.04	280 LED	600W	92900lm	4000K
1305W600.F.5070.04	280 LED	600W	97800lm	5000K
1305W600.F.5770.04	280 LED	600W	102600lm	5700K
1305W600.WF.3070.04	280 LED	600W	88200lm	3000K
1305W600.WF.4070.04	280 LED	600W	92900lm	4000K
1305W600.WF.5070.04	280 LED	600W	97800lm	5000K
1305W600.WF.5770.04	280 LED	600W	102600lm	5700K
1305W600.SWF.3070.04	280 LED	600W	88200lm	3000K
1305W600.SWF.4070.04	280 LED	600W	92900lm	4000K
1305W600.SWF.5070.04	280 LED	600W	97800lm	5000K
1305W600.SWF.5770.04	280 LED	600W	102600lm	5700K
1305W600.E.3070.04	280 LED	600W	88200lm	3000K
1305W600.E.4070.04	280 LED	600W	92900lm	4000K
1305W600.E.5070.04	280 LED	600W	97800lm	5000K
1305W600.E.5770.04	280 LED	600W	102600lm	5700K
1305W600.SPL.3070.04	280 LED	600W	88200lm	3000K
1305W600.SPL.4070.04	280 LED	600W	92900lm	4000K
	1305W600.M.4070.04 1305W600.M.5070.04 1305W600.M.5770.04 1305W600.F.3070.04 1305W600.F.4070.04 1305W600.F.5070.04 1305W600.WF.3070.04 1305W600.WF.5070.04 1305W600.WF.5070.04 1305W600.SWF.5070.04 1305W600.SWF.5070.04 1305W600.SWF.5070.04 1305W600.SWF.5770.04 1305W600.E.3070.04 1305W600.E.4070.04 1305W600.E.5770.04 1305W600.E.5770.04	1305W600.M.4070.04 280 LED 1305W600.M.5070.04 280 LED 1305W600.M.5770.04 280 LED 1305W600.F.3070.04 280 LED 1305W600.F.3070.04 280 LED 1305W600.F.5070.04 280 LED 1305W600.F.5770.04 280 LED 1305W600.F.5770.04 280 LED 1305W600.WF.3070.04 280 LED 1305W600.WF.5070.04 280 LED 1305W600.WF.5070.04 280 LED 1305W600.WF.5070.04 280 LED 1305W600.SWF.5070.04 280 LED 1305W600.SWF.5070.04 280 LED 1305W600.SWF.5070.04 280 LED 1305W600.SWF.5070.04 280 LED 1305W600.E.3070.04 280 LED 1305W600.E.3070.04 280 LED 1305W600.E.5070.04 280 LED	1305W600.M.4070.04 280 LED 600W 1305W600.M.5070.04 280 LED 600W 1305W600.M.5770.04 280 LED 600W 1305W600.F.3070.04 280 LED 600W 1305W600.F.3070.04 280 LED 600W 1305W600.F.3070.04 280 LED 600W 1305W600.F.5070.04 280 LED 600W 1305W600.F.5770.04 280 LED 600W 1305W600.WF.3070.04 280 LED 600W 1305W600.WF.5070.04 280 LED 600W 1305W600.WF.5070.04 280 LED 600W 1305W600.WF.5070.04 280 LED 600W 1305W600.SWF.5070.04 280 LED 600W 1305W600.SWF.5070.04 280 LED 600W 1305W600.SWF.5070.04 280 LED 600W 1305W600.SWF.5070.04 280 LED 600W 1305W600.E.3070.04 280 LED 600W 1305W600.E.3070.04 280 LED 600W 1305W600.E.5770.04 280 LED 600W	1305W600.M.4070.04 280 LED 600W 92900lm 1305W600.M.5070.04 280 LED 600W 97800lm 1305W600.M.5770.04 280 LED 600W 97800lm 1305W600.F.3070.04 280 LED 600W 102600lm 1305W600.F.3070.04 280 LED 600W 92900lm 1305W600.F.3070.04 280 LED 600W 92900lm 1305W600.F.5070.04 280 LED 600W 97800lm 1305W600.WF.3070.04 280 LED 600W 92900lm 1305W600.WF.4070.04 280 LED 600W 92900lm 1305W600.WF.5070.04 280 LED 600W 92900lm 1305W600.WF.5070.04 280 LED 600W 92900lm 1305W600.SWF.5070.04 280 LED 600W 92900lm 1305W600.SWF.5070.04 280 LED 600W 92900lm 1305W600.SWF.5070.04 280 LED 600W 92900lm 1305W600.E.3070.04 280 LED 600W 92600lm 1305W600.E.5070.04 280 LED 600W 92900lm

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

 1305W600.SPL.5070.04
 280 LED
 600W
 97800lm
 5000K

 1305W600.SPL.5770.04
 280 LED
 600W
 102600lm
 5700K

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

+03002	On/off
+03010	DALI dimmable

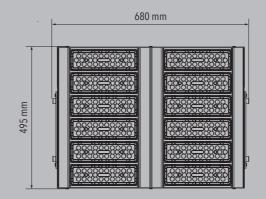
* Example of complete code: 1305W600.M.3070.04+03002

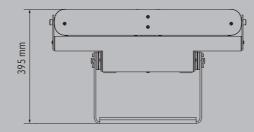












TECHNICAL SPECIFICATIONS

LUMINAIRE BODY	Estimated and the later
Material	Extruded galvanized steel
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-90° +90°
Net weight	Approx. 31.3 kg
Protection class	IP66
Cover	N/A
Impact resistance	ІКО9
PHOTOMETRICAL DATA	
Light source type	12x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood
	Super wide flood / elliptical
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	720W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C +45 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF

FE	ATL	JRE	S



5 YEARS





COLOURS















PRODUCT CODES



XXXXX	1305W720.M.3070.04	336 LED	720W	105200lm	3000K
	1305W720.M.4070.04	336 LED	720W	110800lm	4000K
	1305W720.M.5070.04	336 LED	720W	116600lm	5000K
25°	1305W720.M.5770.04	336 LED	720W	122400lm	5700K
	1305W720.F.3070.04	336 LED	720W	105200lm	3000K
	1305W720.F.4070.04	336 LED	720W	110800lm	4000K
	1305W720.F.5070.04	336 LED	720W	116600lm	5000K
40°	1305W720.F.5770.04	336 LED	720W	122400lm	5700K
	1305W720.WF.3070.04	336 LED	720W	105200lm	3000K
	1305W720.WF.4070.04	336 LED	720W	110800lm	4000K
	1305W720.WF.5070.04	336 LED	720W	116600lm	5000K
60°	1305W720.WF.5770.04	336 LED	720W	122400lm	5700K
	1305W720.SWF.3070.04	336 LED	720W	105200lm	3000K
	1305W720.SWF.4070.04	336 LED	720W	110800lm	4000K
	1305W720.SWF.5070.04	336 LED	720W	116600lm	5000K
90°	1305W720.SWF.5770.04	336 LED	720W	122400lm	5700K
					_
	1305W720.E.3070.04			105200lm	
	1305W720.E.4070.04			110800lm	
	1305W720.E.5070.04			116600lm	
90°x40°	1305W720.E.5770.04	336 LED	720W	122400lm	5700K
AXAU					
WATH H	1305W720.SPL.3070.04			105200lm	
	1305W720.SPL.4070.04	336 LED	/20W	110800lm	4000K

*The luminaires are supplied with CRI 70 standard, CRI 80 and

 1305W720.SPL.5070.04
 336 LED
 720W
 116600lm
 5000K

 1305W720.SPL.5770.04
 336 LED
 720W
 122400lm
 5700K

* The Iuminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

Body colour grey (04) standard, black (03) and RAL optional

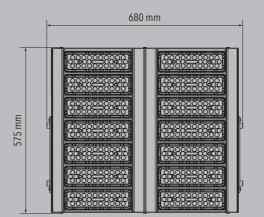
OPTIONAL ACCESSORIES

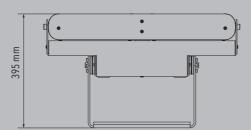
+03002	On/off
+03010	DALI dimmable

* Example of complete code: 1305W720.M.3070.04+03002









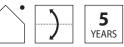
LUMINAIRE BODY	Futurelad ashessized at a 1
Material	Extruded galvanized steel
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-90° +90°
Net weight	Approx. 34.3 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	14x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood
	Super wide flood / elliptical
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	840W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C +45 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALL ON/OFF

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COLOURS













PRODUCT CODES



1305W840.M.3070.04	392 LED	840W	122800lm	3000K
1305W840.M.4070.04	392 LED	840W	129200lm	4000K
1305W840.M.5070.04	392 LED	840W	136000lm	5000K
1305W840.M.5770.04	392 LED	840W	142800lm	5700K
1305W840.F.3070.04	392 LED	840W	122800lm	3000K
1305W840.F.4070.04	392 LED	840W	129200lm	4000K
1305W840.F.5070.04	392 LED	840W	136000lm	5000K
1305W840.F.5770.04	392 LED	840W	142800lm	5700K
1305W840.WF.3070.04	392 LED	840W	122800lm	3000K
1305W840.WF.4070.04	392 LED	840W	129200lm	4000K
1305W840.WF.5070.04	392 LED	840W	136000lm	5000K
1305W840.WF.5770.04	392 LED	840W	142800lm	5700K
1305W840.SWF.3070.04	392 LED	840W	122800lm	3000K
1305W840.SWF.4070.04	392 LED	840W	129200lm	4000K
1305W840.SWF.5070.04	392 LED	840W	136000lm	5000K
1305W840.SWF.5770.04	392 LED	840W	142800lm	5700K
1305W840.E.3070.04	392 LED	840W	122800lm	3000K
1305W840.E.4070.04	392 LED	840W	129200lm	4000K
1305W840.E.5070.04	392 LED	840W	136000lm	5000K
1305W840.E.5770.04	392 LED	840W	142800lm	5700K
1305W840.SPL.3070.04	392 LED	840W	122800lm	3000K
1305W840.SPL.4070.04	392 LED	840W	129200lm	4000K
	1305W840.M.4070.04 1305W840.M.5070.04 1305W840.M.5770.04 1305W840.F.3070.04 1305W840.F.4070.04 1305W840.F.5070.04 1305W840.F.5770.04 1305W840.WF.3070.04 1305W840.WF.5070.04 1305W840.WF.5770.04 1305W840.SWF.3070.04 1305W840.SWF.5070.04 1305W840.SWF.5770.04 1305W840.E.3070.04 1305W840.E.3070.04 1305W840.E.5770.04	1305W840.M.4070.04 392 LED 1305W840.M.5070.04 392 LED 1305W840.M.5770.04 392 LED 1305W840.F.3070.04 392 LED 1305W840.F.3070.04 392 LED 1305W840.F.5070.04 392 LED 1305W840.F.5770.04 392 LED 1305W840.F.5770.04 392 LED 1305W840.F.5770.04 392 LED 1305W840.WF.3070.04 392 LED 1305W840.WF.5070.04 392 LED 1305W840.WF.5070.04 392 LED 1305W840.SWF.5070.04 392 LED 1305W840.SWF.5070.04 392 LED 1305W840.SWF.5070.04 392 LED 1305W840.SWF.5070.04 392 LED 1305W840.E.3070.04 392 LED 1305W840.E.3070.04 392 LED 1305W840.E.5070.04 392 LED	1305W840.M.4070.04 392 LED 840W 1305W840.M.5070.04 392 LED 840W 1305W840.M.5770.04 392 LED 840W 1305W840.F.3070.04 392 LED 840W 1305W840.F.3070.04 392 LED 840W 1305W840.F.3070.04 392 LED 840W 1305W840.F.5070.04 392 LED 840W 1305W840.F.5770.04 392 LED 840W 1305W840.WF.3070.04 392 LED 840W 1305W840.WF.5070.04 392 LED 840W 1305W840.WF.5070.04 392 LED 840W 1305W840.WF.5070.04 392 LED 840W 1305W840.SWF.5070.04 392 LED 840W 1305W840.SWF.5070.04 392 LED 840W 1305W840.SWF.5070.04 392 LED 840W 1305W840.SWF.5070.04 392 LED 840W 1305W840.E.3070.04 392 LED 840W 1305W840.E.5070.04 392 LED 840W 1305W840.E.5070.04 392 LED 840W 1305W840.E.5070.04 392 LED 840W 1305W840.E.5070.04 392 LED 840W <t< th=""><th>1305W840.M.4070.04 392 LED 840W 129200lm 1305W840.M.5070.04 392 LED 840W 136000lm 1305W840.M.5770.04 392 LED 840W 142800lm 1305W840.F.3070.04 392 LED 840W 122800lm 1305W840.F.3070.04 392 LED 840W 122800lm 1305W840.F.5070.04 392 LED 840W 122800lm 1305W840.F.5770.04 392 LED 840W 142800lm 1305W840.WF.3070.04 392 LED 840W 122800lm 1305W840.WF.5070.04 392 LED 840W 122800lm 1305W840.WF.5070.04 392 LED 840W 122800lm 1305W840.WF.5070.04 392 LED 840W 122800lm 1305W840.SWF.5070.04 392 LED 840W 122800lm 1305W840.SWF.5070.04 392 LED 840W 122800lm 1305W840.SWF.5070.04 392 LED 840W 142800lm 1305W840.E.3070.04 392 LED 840W 142800lm 1305W840.E.5070.04 392 LED 840W 142800lm 1305W840.E.5070.04 392 LED 840W 122800lm</th></t<>	1305W840.M.4070.04 392 LED 840W 129200lm 1305W840.M.5070.04 392 LED 840W 136000lm 1305W840.M.5770.04 392 LED 840W 142800lm 1305W840.F.3070.04 392 LED 840W 122800lm 1305W840.F.3070.04 392 LED 840W 122800lm 1305W840.F.5070.04 392 LED 840W 122800lm 1305W840.F.5770.04 392 LED 840W 142800lm 1305W840.WF.3070.04 392 LED 840W 122800lm 1305W840.WF.5070.04 392 LED 840W 122800lm 1305W840.WF.5070.04 392 LED 840W 122800lm 1305W840.WF.5070.04 392 LED 840W 122800lm 1305W840.SWF.5070.04 392 LED 840W 122800lm 1305W840.SWF.5070.04 392 LED 840W 122800lm 1305W840.SWF.5070.04 392 LED 840W 142800lm 1305W840.E.3070.04 392 LED 840W 142800lm 1305W840.E.5070.04 392 LED 840W 142800lm 1305W840.E.5070.04 392 LED 840W 122800lm

*The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

 1305W840.SPL.5070.04
 392 LED
 840W
 136000lm
 5000K

 1305W840.SPL.5770.04
 392 LED
 840W
 142800lm
 5700K

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

+03002	On/off
+03010	DALI dimmable

* Example of complete code: 1305W840.M.3070.04+03002



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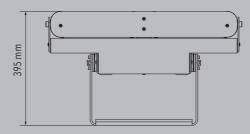
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LED LUMINAIRE FOR AREA FLOOD & SPORTS LIGHTING

680 mm 655 mm



TECHNICAL SPECIFICATIONS

Material	Extruded galvanized steel
Finsihing process	Powder coated
Standard colour	Grey
Mounting type	Surface mounted
Adjustability	-90° +90°
Net weight	Approx. 36.4 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	16x LED modules with 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Medium / flood / wide flood
	Super wide flood / elliptical
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	160 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	960W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities, packing lots, billboards, industrial areas, logistics areas apron lighting, security lighting
Operating temperature	-40°C +45 °C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF















99



5 YEARS





COLOURS



PRODUCT CODES



1305W960.M.3	070.04	448 LED	960W	140300lm	3000K
1305W960.M.4	070.04	448 LED	960W	147700lm	4000K
1305W960.M.5	070.04	448 LED	960W	155500lm	5000K
1305W960.M.5	770.04	448 LED	960W	163200lm	5700K
1305W960.F.30	70.04	448 LED	960W	140300lm	3000K
1305W960.F.40	70.04	448 LED	960W	147700lm	4000K
1305W960.F.50	70.04	448 LED	960W	155500lm	5000K
1305W960.F.57	70.04	448 LED	960W	163200lm	5700K
1305W960.WF.3	3070.04	448 LED	960W	140300lm	3000K
1305W960.WF.4	4070.04	448 LED	960W	147700lm	4000K
1305W960.WF.5	5070.04	448 LED	960W	155500lm	5000K
1305W960.WF.5	5770.04	448 LED	960W	163200lm	5700K
1305W960.SWF	.3070.04	448 LED	960W	140300lm	3000K
1305W960.SWF	.4070.04	448 LED	960W	147700lm	4000K
1305W960.SWF	.5070.04	448 LED	960W	155500lm	5000K
1305W960.SWF	.5770.04	448 LED	960W	163200lm	5700K
1305W960.E.30	70.04	448 LED	960W	140300lm	3000K
1305W960.E.40	70.04	448 LED	960W	147700lm	4000K
1305W960.E.50	70.04	448 LED	960W	155500lm	5000K
1305W960.E.57	70.04	448 LED	960W	163200lm	5700K
1305W960.SPL	3070 04	448 LED	960W	140300lm	3000K
1305W960.SPL				140300lm	
		TOLLD	,0011	117700111	10000

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

 1305W960.SPL.5070.04
 448 LED
 960W
 155500Im
 5000K

 1305W960.SPL.5770.04
 448 LED
 960W
 163200Im
 5700K

Body colour grey (04) standard, black (03) and RAL optional

OPTIONAL ACCESSORIES

+03002	On/off
+03010	DALI dimmable

* Example of complete code: 1305W960.M.3070.04+03002







EUS PRO

LED LUMINAIRE FOR LARGE SCALE OUTDOOR FACILITIES. EACH HEAD CAN BE TILTED SEPARATELY. TURE MODULARITY WITH PRECISION AND UNIFORM LIGHT DISTRIBUTION.



OPTICAL ACCESSORY The luminaire can be supplied with anti-glare visor as optional accessory for reduced light glare.



LIGHT SOURCE

Modular light source with high power LEDs, the LED modules are made of quality polycarbonate lenses and massive aluminum cooling fins, guarantees professional light distributions and thermal management. Tool-less replaceable modules, quick and easy to onsite maintain. Available in a wide range of optics improve the necessary flexibility to meet different lighting requirements.

SERIES ZEUS PRO

LED MODULES	2 6
POWER	500 1500
LUMINOUS FLUX	56400 196000

PRECISION DISTRIBUTION



HOUSING

The luminaire body is made of die-cast aluminum, with powder coated finishing for harsh outdoor environments. Effective thermal management and high protection level. Well structure design avoid ponding and dirt retention over time.



DUAL ADJUSTMENT

Dual-adjustment, the installation bracket is available in -40° ... $+90^{\circ}$ tilt, optical assembly is available in individually -15° ... +15° tilt, it significantly improves the illuminance precision.







335 mm

LED LUMINAIRE FOR SPORTS & AREA FLOOD LIGHTING

TECHNICAL SPECIFICATIONS

Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Black
Mounting type	Surface mounted
Adjustability	-40° +90° / -15° +15° [in 5° step]
Net weight	Approx. 13.0 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	2x LED modules with 3535 / 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Narrow / medium / flood
	Wide flood /
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	500W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities and arenas
	apron lighting, large scale logistics areas
	stadiums and racing tracks
Operating temperature	−40°C +40°C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF

OPTIONAL ACCESSORIES





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IP66

IK09



FEATURES

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DALI

CONTROL

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RG1

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COLOURS

03

600 mm

CRI Photobic ELECTRI Power su Protectic Input vo

RAL

04

220 mm

PRODUCT CODES

1306W500.N.3070.03



192 LED 500W 56400lm 3000k











1306W500.N.4070.03	192 LED	500W	59300lm	4000K
1306W500.N.5070.03	192 LED	500W	62500lm	5000K
1306W500.N.5770.03 * LED TYPE: 3535	192 LED	500W	65600lm	5700K
1306W500.SPL.3070.03	192 LED	500W	56400lm	3000K
1306W500.SPL.4070.03	192 LED	500W	59300lm	4000K
1306W500.SPL.5070.03	192 LED	500W	62500lm	5000K
1306W500.SPL.5770.03 * LED TYPE: 3535	192 LED	500W	65600lm	5700K
1306W500.M.3070.03	192 LED	500W	65400lm	3000K
1306W500.M.4070.03	192 LED	500W	68800lm	4000K
1306W500.M.5070.03	192 LED	500W	72500lm	5000K
1306W500.M.5770.03	192 LED	500W	76000lm	5700K
* LED TYPE: 5050				
1306W500.F.3070.03	192 LED	500W	65400lm	3000K
1306W500.F.4070.03	192 LED	500W	68800lm	4000K
1306W500.F.5070.03	192 LED	500W	72500lm	5000K
1306W500.F.5770.03	192 LED	500W	76000lm	5700K
* LED TYPE: 5050				
1306W500.WF.3070.03	192 LED	500W	65400lm	3000K
1306W500.WF.4070.03	192 LED	500W	68800lm	4000K
1306W500.WF.5070.03	192 LED	500W	72500lm	5000K
1306W500.WF.5770.03	192 LED	500W	76000lm	5700K

* LED TYPE: 5050

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

The luminaires are supplied with pre-fixed drivers on the luminaire, remote driver boxes that separate for use at a distance from the luminaire are available on request

Body colour black (03) standard, grey (04) and RAL optional

OPTIONAL ACCESSORIES



+00501

+00505

Anti-glare visor

OPTIONAL ACCESSORIES

Laser pointer armed forces

* Example of complete code: 1306W500.N.3070.03+03002







05

CONTROL

 \bigcirc

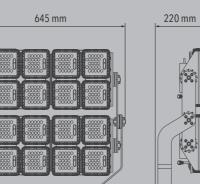
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1-10V

DALI

RG1

LED LUMINAIRE FOR SPORTS & AREA FLOOD LIGHTING



COLOURS

03

RAL

TECHNICAL SPECIFICATIONS

Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Black
Mounting type	Surface mounted
Adjustability	-40° +90° / -15° +15° [in 5° step]
Net weight	Approx. 26.1 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	
Light source type	4x LED modules with 3535 / 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Narrow / medium / flood
	Wide flood /
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	≥70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	1000W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities and arenas apron lighting, large scale logistics areas stadiums and racing tracks
Operating temperature	-40°C +40°C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF



On/off

OPTIONAL ACCESSORIES

+03002 +03010 DALI dimmable



FEATURES

PRODUCT CODES













1306W1000.N.3070.03 384 LED 1000W 112000lm 3000l 1306W1000.N.4070.03 384 LED 1000W 118000lm 4000K 1306W1000.N.5070.03 384 LED 1000W 125000lm 5000K 1306W1000.N.5770.03 384 LED 1000W 131000lm 5700K * LED TYPE: 3535

1306W1000.SPL.3070.03 384 LED 1000W 112000lm 3000K 1306W1000.SPL.4070.03 384 LED 1000W 118000lm 4000K 1306W1000.SPL.5070.03 384 LED 1000W 125000lm 5000K 1306W1000.SPL.5770.03 384 LED 1000W 131000lm 5700K * LED TYPE: 3535

1306W1000.M.3070.03 384 LED 1000W 131000lm 3000K 1306W1000.M.4070.03 384 LED 1000W 137000lm 4000K 1306W1000.M.5070.03 384 LED 1000W 145000lm 5000K 1306W1000.M.5770.03 384 LED 1000W 152000lm 5700K * LED TYPE: 5050

1306W1000.F.3070.03 384 LED 1000W 131000lm 3000K 1306W1000.F.4070.03 384 LED 1000W 137000lm 4000K 1306W1000.F.5070.03 384 LED 1000W 145000lm 5000K 1306W1000.F.5770.03 384 LED 1000W 152000lm 5700K * LED TYPE: 5050

1306W1000.WF.3070.03 384 LED 1000W 131000lm 3000K 1306W1000.WF.4070.03 384 LED 1000W 137000lm 4000K 1306W1000.WF.5070.03 384 LED 1000W 145000lm 5000K 1306W1000.WF.5770.03 384 LED 1000W 152000lm 5700K * LED TYPE: 5050

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

The luminaires are supplied with pre-fixed drivers on the luminaire, remote driver boxes that separate for use at a distance from the luminaire are available on request

Body colour black (03) standard, grey (04) and RAL optional

OPTIONAL ACCESSORIES



+00501

+00505

Anti-glare visor

OPTIONAL ACCESSORIES



Laser pointer armed forces

* Example of complete code: 1306W1000.N.3070.03+03002

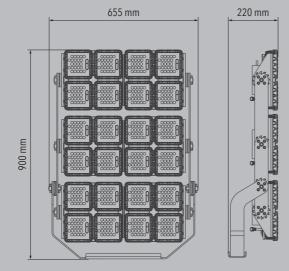








LED LUMINAIRE FOR **SPORTS & AREA FLOOD LIGHTING**



TECHNICAL SPECIFICATIONS

LUMINAIRE BODY Material	Die-cast aluminum
Finsihing process	Powder coated
Standard colour	Black
Mounting type	Surface mounted
Adjustability	-40° +90° / -15° +15° [in 5° step]
Net weight	Approx. 40.0 kg
Protection class	IP66
Cover	N/A
Impact resistance	IK09
PHOTOMETRICAL DATA	iko7
Light source type	6x LED modules with 3535 / 5050 LED
Optic material	Polycarbonate lens
Optic type	Symmetrical / Asymmetrical
Light distributions	Narrow / medium / flood
Light distributions	Wide flood /
	Sports lighting
CCT	3000K / 4000K / 5000K / 5700K
Luminous efficacy	150 lm/W
SDCM	≤5
CRI	>70
Photobiological risk	RG1
ELECTRICAL DATA	
Power supply	External LED driver
Protection class IEC	Safety class I
Input voltage	100-240VAC 50/60 Hz
Wattage	1500W
Power factor	>0.95
Surge protection	10 kV line-earth
Standard control	1-10V
INSTALLATION	
Environment	Outdoor
Application areas	Sports facilities and arenas
	apron lighting, large scale logistics areas
	stadiums and racing tracks
Operating temperature	-40°C +40°C
Operating humidity	10% 90%
Type of connection	Cable [3-pole]
CAPABILITIES	
Lifespan	50,000 hours
LED module replaceable	Yes
Optional control	DALI, ON/OFF







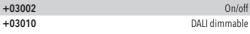
RG1

COLOURS





OPTIONAL ACCESSORIES +03002





FEATURES

PRODUCT CODES













* LED TYPE: 3535

1306W1500.N.3070.03 576 LED 1500W 169000lm 3000l 1306W1500.N.4070.03 576 LED 1500W 178000lm 4000K 1306W1500.N.5070.03 576 LED 1500W 187000lm 5000K 1306W1500.N.5770.03 576 LED 1500W 196000lm 5700K

1306W1500.SPL.3070.03 576 LED 1500W 169000lm 3000K 1306W1500.SPL.4070.03 576 LED 1500W 178000lm 4000K 1306W1500.SPL.5070.03 576 LED 1500W 187000lm 5000K 1306W1500.SPL.5770.03 576 LED 1500W 196000lm 5700K * LED TYPE: 3535

1306W1500.M.3070.03 576 LED 1500W 196000lm 3000K 1306W1500.M.4070.03 576 LED 1500W 206000lm 4000K 1306W1500.M.5070.03 576 LED 1500W 217000lm 5000K 1306W1500.M.5770.03 576 LED 1500W 228000lm 5700K * LED TYPE: 5050

1306W1500.F.3070.03 576 LED 1500W 196000lm 3000K 1306W1500.F.4070.03 576 LED 1500W 206000lm 4000K 1306W1500.F.5070.03 576 LED 1500W 217000lm 5000K 1306W1500.F.5770.03 576 LED 1500W 228000lm 5700K

1306W1500.WF.3070.03 576 LED 1500W 196000lm 3000K 1306W1500.WF.4070.03 576 LED 1500W 206000lm 4000K 1306W1500.WF.5070.03 576 LED 1500W 217000lm 5000K 1306W1500.WF.5770.03 576 LED 1500W 228000lm 5700K * LED TYPE: 5050

* The luminaires are supplied with CRI 70 standard, CRI 80 and CRI 90 optional

The luminaires are supplied with pre-fixed drivers on the luminaire, remote driver boxes that separate for use at a distance from the luminaire are available on request

Body colour black (03) standard, grey (04) and RAL optional

OPTIONAL ACCESSORIES



+00501

+00505

* LED TYPE: 5050

Anti-glare visor

OPTIONAL ACCESSORIES

Laser pointer armed forces

* Example of complete code: 1306W1500.N.3070.03+03002



1. DAOU LIGHTING LUMINAIRE WARRANTY

Haining DAOU Lighting Co., Ltd., referred to herein as "DAOU", warrants its products to be free from defects of material and workmanship for a period of five (5) years for DAOU technical LED luminaires, DAOU will under Warranty obligation, repair or replace defective part / product at their discretion.

The Warranty only applies to the Products subject to the following cumulative conditions:

- the Product has been used in accordance with the given Product and application specifications (data sheets) and has been installed and put into service in a professional manner (according to the installation instructions enclosed with the Product or upon request from DAOU);
- temperature and voltage limits must not be exceeded;
- the Product must not be exposed to any mechanical stresses and strains that are not in accordance with its intended purpose and/or chemical environment;
- the Customer has duly paid for the Product in compliance with the payment terms agreed in the sales agreement;
- the defect, once it has been duly specified and its nature and scale have been duly shown by the Customer, is reported in writing to DAOU within thirty (30) days from its discovery;
- the Product must not have been modified or altered;
- the Product has been installed by a professional gualified installer; and the Product has been installed with a compatible control system where applicable.

This Warranty does not apply to any Product or part that has been subject to misuse, negligence, accident, use outside of Product design intent, or attempted repair/modification by anyone other than DAOU. DAOU's sole liability for defects or breach of Warranty shall be replacement of the parts involved, and, in no event will DAOU be liable for special or consequential damages or losses including property damage or other loss as related directly or indirectly to the use of DAOU luminaire. In no event is DAOU liable for consequential damages or personal injury caused by installation and transportation or negligence during installation and transportation or adjustment. DAOU claims no liability for the cost of installation or any other cost incurred during the use of Products manufactured by DAOU. No representative is authorized to assume additional liability for DAOU.

Definition of Defects:

LED defects including over 5% of LEDs failed or burn out, loose, broken, un-workable PC board etc. Technical and material, workmanship of the Product can be considered defects under this Warranty obligation. Driver defects including functional problems, power factor etc. which affect the solid function of the Product will be considered as defects under this Warranty obligation.

2. HOW TO MAKE A WARRANTY CLAIM

To make a Warranty claim, the Customer shall notify and return the defective Product to DAOU. All claims must be made in writing by email to the customer service department of DAOU within 30 days after discovery.

The Customer will be required to provide a documented record of the installation date, and installation location of the Product and the claimed failure. Furthermore, receipt, invoice or other proof of purchase will be requested to accredit the Product purchase and date.

DAOU reserves and has the right to examine the Product to determine the cause of failure and patterns of usage. If, for any reason, the defective Product cannot be returned, DAOU may require that one of its staffs be given access to the installation in order to, carry out the necessary quality inspections to determine the claimed failure cause. Alternatively, and in order to help DAOU determine whether the Warranty applies, DAOU reserves the right to request that its Customer provide their incident log book showing proven defects on the basis of which they wish the Warranty to apply or any other elements that would support their Warranty claim.

If the above mentioned documents, information and access provided by the Customer are not sufficient to enable DAOU to confirm the validity of the Warranty claim, DAOU reserves the right to ask the Customer to provide additional documents, information and access or anything else as may be required by DAOU.

3. IMPLEMENTATION OF THE WARRANTY

When a Warranty claim is justified, DAOU will, at its discretion, repair or replace only the defective Product or reimburse the Customer the Product purchase cost.

The replacement Product will offer the same specifications as the original Product wherever possible. In case the defective Product is no longer available in DAOU's range, it will be replaced by the most similar product. Replaced Products or replaced parts of the Product shall be covered under the initial Warranty for the remainder of the applicable warranty period for the Product that is replaced.

All returns must be factory authorized and DAOU must issue a Return Material Authorization (RMA), prior to shipping. Returns will be shipped at Customer's expense. DAOU will bear expenses for the shipment of the replacement Product. In no case will DAOU be liable for any costs incurred by the removal of the defective Product and reinstallation of the repaired or replacement Product (or any labour costs).

If DAOU finds the product working properly, Customer may be billed for testing, repackaging, and shipping. If Warranty has expired, DAOU will provide a quote to repair prior to making any such repairs.

4. EXCLUSIONS

This Warranty does NOT cover the following:

- Defective Product caused by modifications, alterations, drop, abuse, misuse, abnormal use or acts of God;
- Costs or expenses made for removal or re-installation of the Products;
- Sample Products;
- Failure caused by fire, flood or lightning strike of the installation;
- Consequential damages (such as but not limited to loss of revenue/profits or damage to property).

5. GENERALTERMS

This Warranty policy is a standard application of DAOU. No other third party (including any agents, distributors or sales representatives) is authorized to make any representations or warranties that are different from this Warranty Policy. Unless otherwise confirmed by DAOU in written forms of contract or other documents, any Warranty clauses that conflict with this Warranty Policy shall be deemed to be automatically invalid. Final power of interpretation of this Warranty policy shall be be vested in DAOU.

For pricing information on out of Warranty repair, contact DAOU customer service by writing to service@daoultd.com. No other warranties are implied and there are no warranties extended beyond those stated here in.



WARRANTY POLICY



NOTES	NOTES

NOTES

DAOU[®]

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