ODEON

ARCHITECTURAL LIGHTING

CLAYPAKY
AN OSRAM BUSINESS

ODEON

ARCHITECTURAL LIGHTING

CLAYPAKY

THE BEST IN TECHNOLOGY FOR ARCHITECTURE TOO

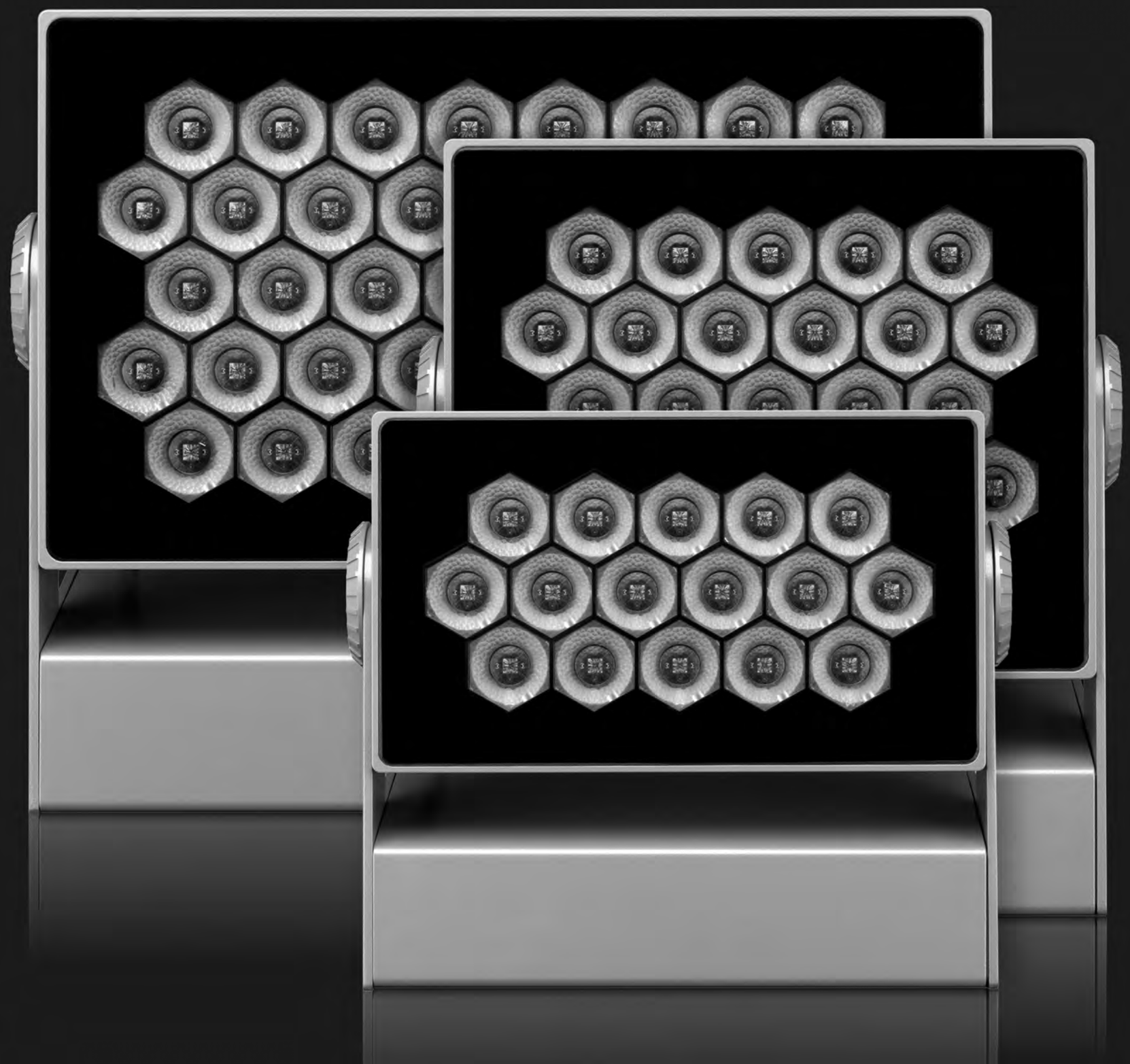
The growing attention to urban beautification and the enhancement of built-up areas has led to an increase in the number of impressive façade, monument, building, park and bridge lighting projects. These projects involve lighting structures of great interest, which are often prestigious and always focal points of public consideration. For this reason, they deserve to be done properly and the equipment used must ensure perfect operation over time.

Unfortunately this does not always happen, since manufacturing lights suitable for this application involves technical skills which are not widespread and which stem from many years of experience. The equipment installed has to withstand weathering for years and not require costly maintenance. At the same time, users have to be able to access the internal electronic components properly in order to modulate the light output, not just as regards intensity, but also as concerns color and color temperature. LED technology is the most used, which makes colored light easy to produce, but normally the only colors available are primary or saturated colors, which are not particularly suitable for the rich shades architectural lighting requires. The accuracy with which the dynamic lighting sequences are controlled is equally important, since nothing is more visible and ugly than poorly synchronized color changes or a light which, after a while, emits a color that is not coordinated with the others.

After the pioneering stage of architectural effect lighting, when everything was acceptable in the name of novelty, architects can now go back to making choices with the same thoroughness as in the past, and put quality and reliability at the centre of their most important projects. With this in mind, Claypaky constitutes a guarantee, backed up by our success in very demanding applications.

For over forty years, Claypaky has been the world leader in professional lighting systems for major events, theatre, television and musical performances. Claypaky lights have always been the perfect combination of sturdy assembly for heavy duty operation, such as on tours and at major events, and cutting edge technology, which has to meet the refined needs of the creative lighting designers found in theatres and television.

The Claypaky ODEON line offers colors with a thousand shades, high precision optics, uniform light diffusion, sturdiness, and well built units. This range of lights was specifically designed for the architectural world, but with all the benefits which stem from the best technological solutions used in the sophisticated entertainment industry. With the Claypaky ODEON, it is now possible to create fantastic dynamic lighting installations to make monuments, squares and city parks more elegant, and make buildings, such as shopping malls, hotels and cinemas, more attractive.



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Odeon Flood

Odeon Graze

ODEON

ODEON is a family of outdoor LED color change lights, which stand out for the quality of their optical units, the richness of their color range, and the sturdiness of their assembly.

ODEON lights are the result of the experience Claypaky has gained over forty years. The robust, low-power-consumption units have a pleasant minimalist look, which can fit in easily everywhere.
As regards performance, ODEON lights have an exclusive optical unit, created by Claypaky's R&D department. It is based on Osram Ostar Stage RGBW multichip LEDs. These LEDs feature a very wide range of colors, with high brightness, and are certified by Osram to withstand storage temperatures of between -40°C and +85°C.

The optical unit comes complete with a system of "Hexeel" lenses, which allows perfect color mixing in order to achieve rich saturated color palettes and pastel shades. Thanks to the special hexagonal shape of the lenses, the optical unit gives the light a natural touch of elegance, both when it is on and off.

All ODEON lights have an absolutely uniform output light beam, thanks to color balancing performed during testing, which is another quality aspect typical and exclusive to systems manufactured and certified by Claypaky.

Claypaky's deep knowledge of the field of optics, lighting, precision mechanics, electronics, and control software and systems ensures that ODEON is the most modern and technologically advanced line that exists in the vast field of architectural lighting.

Odeon lights are available in a wide variety of models, in two main categories: Flood for front lighting, and Graze for graze or accent lighting*. Within the two categories, there are different types of lights (RGBW, Tunable White, Full White and monochromatic), different beam angles (15°, 25°, 35° and elliptical), and different sizes and color of the external finish.

**Odeon Graze available starting from September 2017.*

ODEON GENERAL FEATURES

- CE and ETL certified
- Power: Universal AC input 90-305 VAC @ 50/60 Hz50/60 Hz
- Light source: high power multichip OSRAM LEDS;
- LED technology with exclusive "Hexeel" optical system
- Maintenance: 80,000 h [L70@25°C]
- Three optical units available: 15° (narrow), 25° (medium) and 35° (flood). New elliptical, very narrow and 45° wide optical units are being developing
- Versions: RGBW, Tunable White (2700-7000K), White (3,000K or 4,000K) and Monochrome
- Boost on single color (RGBW)
- Perfect color uniformity
- Light intensity: 0-100% dimmer
- Control options: DMX/RDM protocol, cabled, wireless and DALI on request
- Setting by RDM Fixtures works on 4 channels (R+G+B+W) or 7 channels (R+G+B+W + pulse + general dimmer + color temperature)
- Working position: floor stand or hanging (using optional adapter); any working position
- Protection rating: IP65 - IK09 (Odeon Flood); IP65 - IK05 (Odeon Graze)
- Operating temperature: -25°C to 50°C
- Automatic protection through gradual dimmering in case of fixture overheating (derating)
- Ostar Stage LED storage temperature: -40°C to +85°C
- Chassis: purest aluminium head, worked with CNC machines
- Chassis color: available in polished metallic (Aluminium Grey) or Jet Black on request
- Coating: Electrostatic powder finish - resistant to hostile environments
- Head adjustment over 135° (45° forward and 90° backward) for Odeon Flood
- High-resistance tempered glass
- Vent valve to prevent condensation inside the unit

100% MADE IN ITALY

Designed, created and manufactured entirely in Italy.

MULTICHIP OSRAM OSTAR STAGE LEDs

High output typical of high-tech entertainment products. Osram certified -40°C/+85°C storage temperature, ideal for countries with hot climates (e.g. the Middle East).

EXCLUSIVE "HEXEEL" OPTICAL SYSTEM

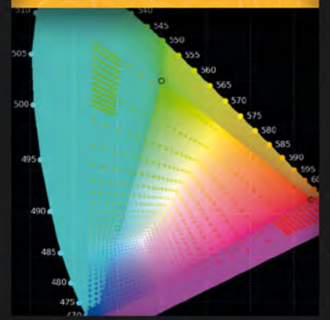
A hexagonal lens system consisting of a rod that maximizes the uniformity and a collimator which concentrates the luminous flux.

NARROW, MEDIUM, WIDE AND ELLIPTICAL BEAM

Four different optical units: 15°, 25°, 35° and elliptical, for total flexibility.

COLOR CALIBRATION

Color balancing is performed on each model so that the colors are perfectly uniform from one model to the next.

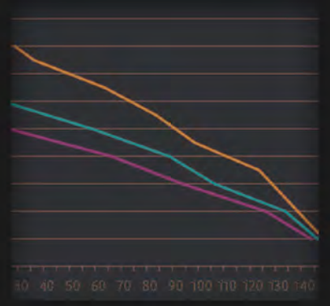


VENT VALVE, AGAINST CONDENSATION

A vent valve prevents the formation of condensation inside the unit: particularly useful for installations in adverse weather conditions.

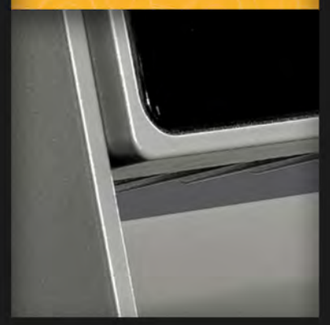
WITHSTAND 50°C WITH AUTOMATIC DERATING

They withstand extreme temperatures. A derating device automatically dimmers the light in the case of overheating.



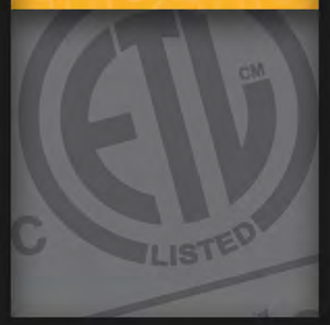
ENHANCED DESIGN

Italian refined, minimalist design. Rugged and shock resistant (IK09), suitable for outdoor use (IP65), and optimised for rain drainage.



UNIVERSAL CERTIFICATIONS

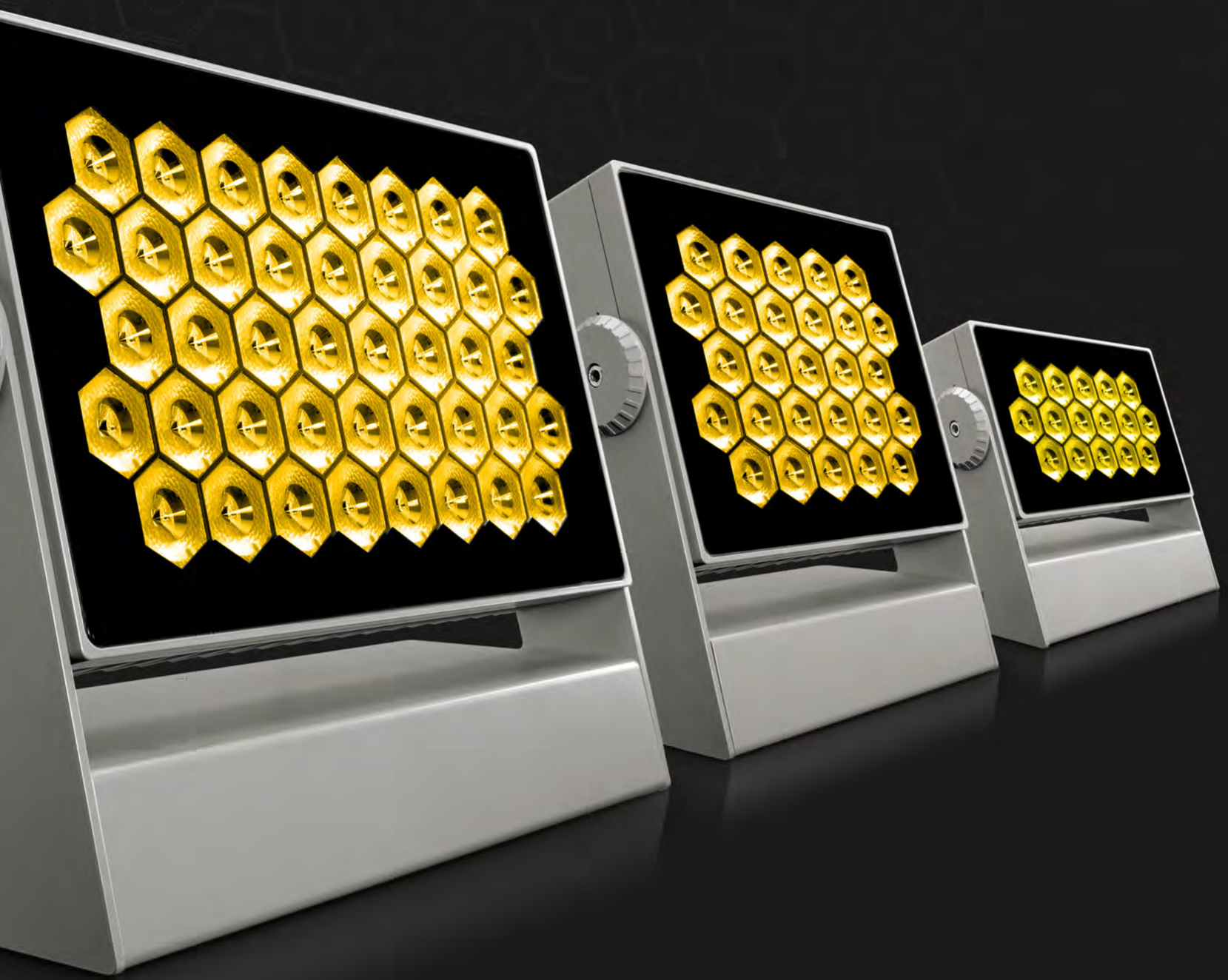
Odeon lights have CE and ETL certification, which means they can be used in every country in the world.



IP65

IK09

ODEON FLOOD



Odeon Flood is a line of compact floodlights for architainment, with a modern, refined design. They are pleasant to look at from the front even when switched off.

They fit Osram Ostar Stage high-performance multichip LEDs, coupled with a unique Claypaky optical system. The hexagonal structure of the optical unit is modular so that a large number of lights may be installed in the available space. This allows the lighting performance and evenness of the light flow to be optimized, and makes the light pleasant to look at.

The LEDs and electronics are cooled perfectly thanks to the Odeon Flood's robust heat sink. This is essential in order to maximize the luminous flux and life of the floodlight. Odeon Flood lights can be set up by the users themselves in two operating modes via DMX/RDM protocol: 4 or 7 channels (RGBW versions).

The fixture may be adjusted over 135° (45° forward and 90° backward) using a graduated ring. Once installed, the unit and its chosen orientation are protected through a vandal-proof fastening system (IK09).

They are ideal for illuminating building façades, monuments and items of street furniture. Odeon Flood is a range of architainment floodlights that combines high technology with flexibility of use and design.

Odeon Flood lights come in three models: Maxi (320W), Medium (250W) and Mini (175W). They are designed to be modular, and have a different number of LEDs with different powers in order to meet various needs in flexible ways.

ODEON FLOOD MAXI

RGBW
full color

TW
tunable white

W
white

ODEON FLOOD MAXI RGBW

OSRAM Technology Included

CE | Intertek | 0.2m | t_a -25°C 50°C | t_c 80°C | LED -40° +85° | IP65 | IK09 | VENT | DMX RDM | COLOR

Odeon Flood Maxi RGBW is the top-of-the-range model, featuring 42 multichip RGBW LEDs and the exclusive "Hexeel" LED system.

VERSIONS

	Code	Optic	Light source	Input power	Total Output	7-Ch Color Temperature	Control Options	Channels
	C71251	15°	42 x RGBW LEDs	320 W	8,650 lm	2,700-7,000 K	DMX 512 / RDM	4 / 7 DMX
	C71256	25°	42 x RGBW LEDs	320 W	8,200 lm	2,700-7,000 K	DMX 512 / RDM	4 / 7 DMX
	C71261	35°	42 x RGBW LEDs	320 W	8,500 lm	2,700-7,000 K	DMX 512 / RDM	4 / 7 DMX

FINISH COLORS

Aluminium grey (standard)

Jet black (on request)

FLICKER-FREE

Flicker-free software controlled

DALI

External DMX-to-DALI interface (optional)

DIMMER

0-100% smooth dimming curve control

WIRELESS

W-DMX

External wireless DMX technology (optional)

CALIBRATION/BOOST

Exclusive Claypaky color calibration (7-Ch mode)

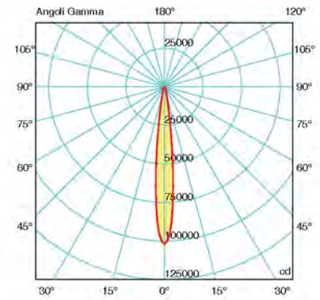
Special algorithm color boost (4-Ch mode)

PHOTOMETRICS ODEON FLOOD MAXI RGBW

C71251
ODEON FLOOD
MAXI RGBW 15°

TOTAL OUTPUT:
8650 lumens

LUMINOUS EFFICACY:
26.47 lm/W

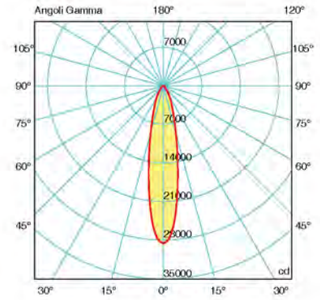


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	101975 (9473)
2 (6' 7")	25494 (2368)
3 (9' 10")	11331 (1053)
4 (13' 1")	6373 (592)
5 (16' 5")	4079 (379)

C71256
ODEON FLOOD
MAXI RGBW 25°

TOTAL OUTPUT:
8200 lumens

LUMINOUS EFFICACY:
24.97 lm/W

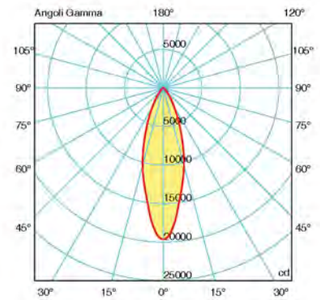


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	28575 (2655)
2 (6' 7")	7144 (664)
3 (9' 10")	3175 (295)
4 (13' 1")	1786 (166)
5 (16' 5")	1143 (106)

C71261
ODEON FLOOD
MAXI RGBW 35°

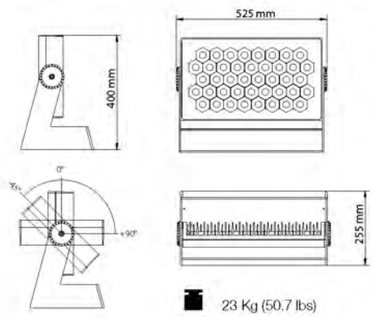
TOTAL OUTPUT:
8500 lumens

LUMINOUS EFFICACY:
26.08 lm/W



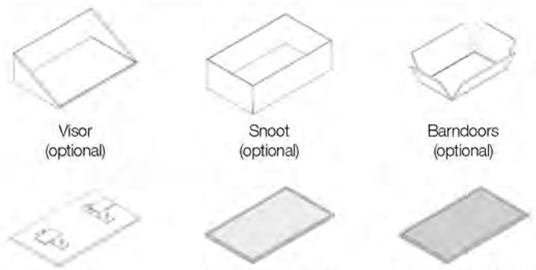
Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	19625 (1823)
2 (6' 7")	4906 (456)
3 (9' 10")	2181 (203)
4 (13' 1")	1227 (114)
5 (16' 5")	785 (72.9)

WEIGHT AND DIMENSIONS



23 Kg (50.7 lbs)

ACCESSORIES



Visor (optional)

Snoot (optional)

Barndoors (optional)

Truss Kit (optional)

Spread lense - soft (optional)

Spread lense - heavy (optional)

ODEON FLOOD MAXI TW

OSRAM Technology Included

CE | Intertek | 0.2m | t_a -25°C 50°C | t_c 80°C | LED -40° +85° | IP65 | IK09 | VENT | DMX RDM | COLOR

Odeon Flood Maxi TW features 42 multichip Tunable White LEDs and the exclusive "Hexeel" LED system.

VERSIONS

	Code	Optic	Light source	Input power	Total Output	4-Ch Color Temperature	Control Options	Channels
	C71252	15°	42 x TW LEDs	320 W	11,130 lm	2,700-7,000 K	DMX 512 / RDM	2 / 4 DMX
	C71257	25°	42 x TW LEDs	320 W	10,500 lm	2,700-7,000 K	DMX 512 / RDM	2 / 4 DMX
	C71262	35°	42 x TW LEDs	320 W	10,960 lm	2,700-7,000 K	DMX 512 / RDM	2 / 4 DMX

FINISH COLORS

Aluminium grey (standard)

Jet black (on request)

FLICKER-FREE

Flicker-free software controlled

DALI

External DMX-to-DALI interface (optional)

DIMMER

0-100% smooth dimming curve control

WIRELESS

W-DMX

External wireless DMX technology (optional)

CALIBRATION/BOOST

Exclusive Claypaky color calibration (4-Ch mode)

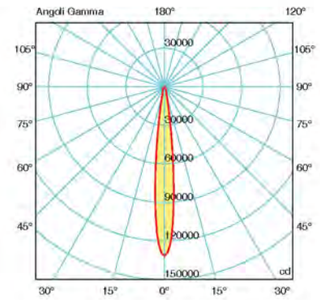
Special algorithm color boost (2-Ch mode)

PHOTOMETRICS ODEON FLOOD MAXI TW

C71252
ODEON FLOOD
MAXI TW 15°

TOTAL OUTPUT:
11130 lumens

LUMINOUS EFFICACY:
34.19 lm/W

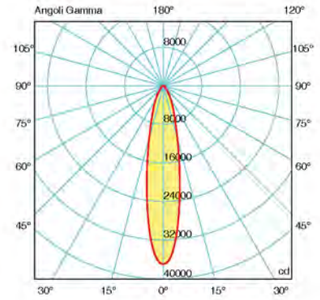


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	131700 (12235)
2 (6' 7")	32925 (3059)
3 (9' 10")	14633 (1359)
4 (13' 1")	8231 (765)
5 (16' 5")	5268 (489)

C71257
ODEON FLOOD
MAXI TW 25°

TOTAL OUTPUT:
10500 lumens

LUMINOUS EFFICACY:
32.25 lm/W

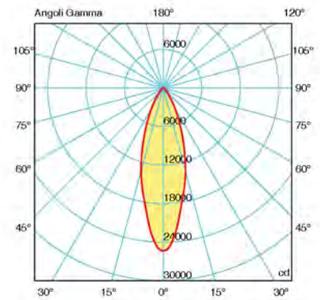


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	36900 (3428)
2 (6' 7")	9225 (857)
3 (9' 10")	4100 (381)
4 (13' 1")	2306 (214)
5 (16' 5")	1476 (137)

C71262
ODEON FLOOD
MAXI TW 35°

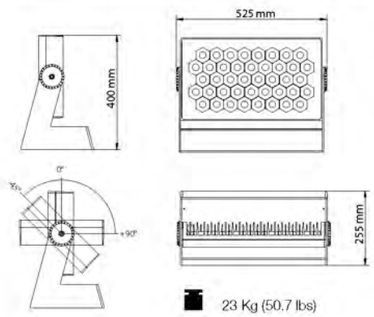
TOTAL OUTPUT:
10960 lumens

LUMINOUS EFFICACY:
33.68 lm/W



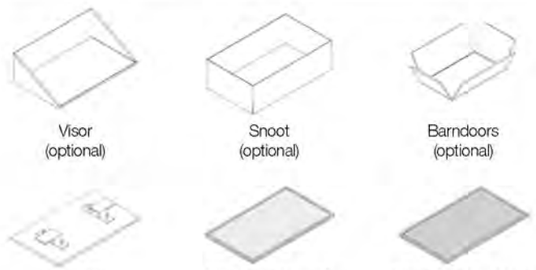
Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	25350 (2355)
2 (6' 7")	6338 (589)
3 (9' 10")	2817 (262)
4 (13' 1")	1584 (147)
5 (16' 5")	1014 (94.2)

WEIGHT AND DIMENSIONS



23 Kg (50.7 lbs)

ACCESSORIES



Visor (optional)

Snoot (optional)

Barndoors (optional)

Truss Kit (optional)

Spread lense - soft (optional)

Spread lense - heavy (optional)

ODEON FLOOD MAXI W

OSRAM Technology Included

CE | Intertek | 0.2 m | t_a -25°C 50°C | t_c 80°C | LED -40° +85° | IP65 | IK09 | VENT | DMX RDM

Odeon Flood Maxi W features 42 multichip White LEDs and the exclusive "Hexeel" LED system.

VERSIONS

	Code	Optic	Light source	Input power	Total Output	Color Temperature	Control Options	Channels
	C71253	15°	42 x White LEDs*	320 W	17,230 lm	3,000 or 4,000 K	DMX 512 / RDM	1 DMX
	C71258	25°	42 x White LEDs*	320 W	16,250 lm	3,000 or 4,000 K	DMX 512 / RDM	1 DMX
	C71263	35°	42 x White LEDs*	320 W	16,970 lm	3,000 or 4,000 K	DMX 512 / RDM	1 DMX

*Monochrome version (Red, Green or Blue) on request

FINISH COLORS

Aluminium grey (standard)

Jet black (on request)

FLICKER-FREE

Flicker-free software controlled

DALI

External DMX-to-DALI interface (optional)

DIMMER

0-100% smooth dimming curve control

WIRELESS

W-DMX

External wireless DMX technology (optional)

0-10 V

0-10 V

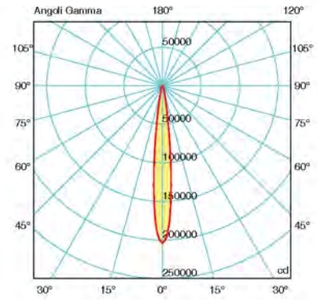
External 0-10 V analog interface (optional)

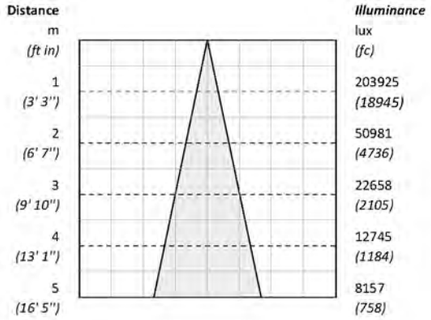
PHOTOMETRICS ODEON FLOOD MAXI W

C71253
ODEON FLOOD
MAXI W 15°

TOTAL OUTPUT:
17230 lumens

LUMINOUS EFFICACY:
52.94 lm/W

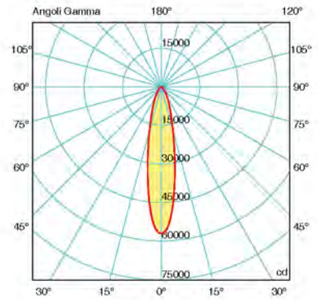


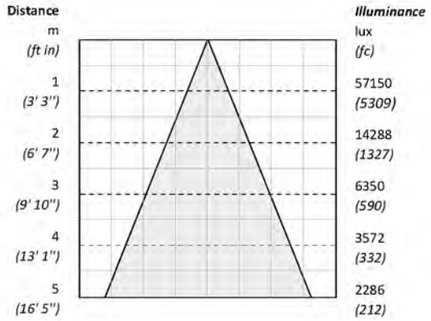


C71258
ODEON FLOOD
MAXI W 25°

TOTAL OUTPUT:
16250 lumens

LUMINOUS EFFICACY:
49.94 lm/W

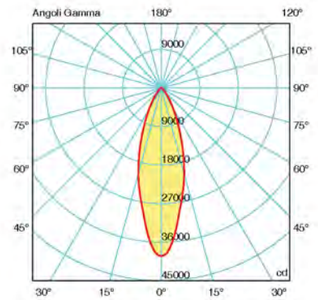


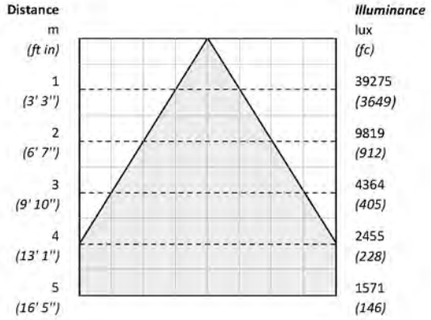


C71263
ODEON FLOOD
MAXI W 35°

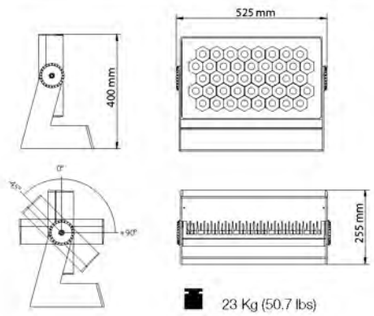
TOTAL OUTPUT:
16970 lumens

LUMINOUS EFFICACY:
52.15 lm/W



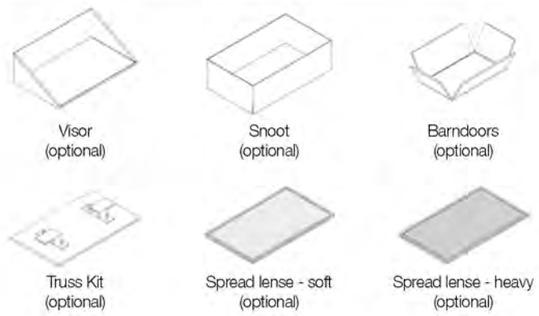


WEIGHT AND DIMENSIONS



23 Kg (50.7 lbs)

ACCESSORIES



Visor (optional)

Snoot (optional)

Barndoors (optional)

Truss Kit (optional)

Spread lense - soft (optional)

Spread lense - heavy (optional)

ODEON MEDIUM

RGBW
full color

TW
tunable white

W
white

ODEON FLOOD MEDIUM RGBW

OSRAM Technology Included

CE | Intertek | 0.2m | t_a -25°C 50°C | t_c 80°C | LED -40° +85° | IP65 | IK09 | VENT | DMX RDM | COLOR

Odeon Flood Medium RGBW features 27 multichip RGBW LEDs and the exclusive "Hexeel" LED system.

VERSIONS

	Code	Optic	Light source	Input power	Total Output	7-Ch Color Temperature	Control Options	Channels
	C71266	15°	27 x RGBW LEDs	250 W	5,800 lm	2,700-7,000 K	DMX 512 / RDM	4 / 7 DMX
	C71271	25°	27 x RGBW LEDs	250 W	5,500 lm	2,700-7,000 K	DMX 512 / RDM	4 / 7 DMX
	C71276	35°	27 x RGBW LEDs	250 W	5,700 lm	2,700-7,000 K	DMX 512 / RDM	4 / 7 DMX

FINISH COLORS

Aluminium grey (standard)

Jet black (on request)

FLICKER-FREE

Flicker-free software controlled

DALI

External DMX-to-DALI interface (optional)

DIMMER

0-100% smooth dimming curve control

WIRELESS

W-DMX

External wireless DMX technology (optional)

CALIBRATION/BOOST

Exclusive Claypaky color calibration (7-Ch mode)

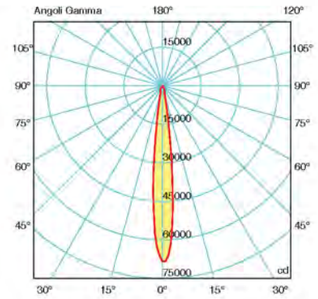
Special algorithm color boost (4-Ch mode)

PHOTOMETRICS ODEON FLOOD MEDIUM RGBW

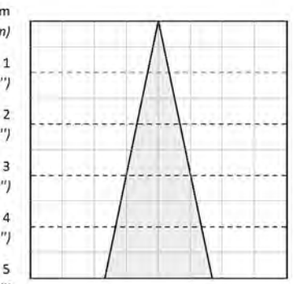
C71266
ODEON FLOOD
MEDIUM RGBW 15°

TOTAL OUTPUT:
5800 lumens

LUMINOUS EFFICACY:
22.33 lm/W



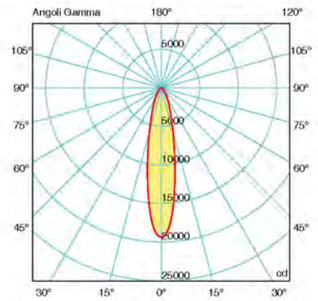
Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	68775 (6389)
2 (6' 7")	17194 (1597)
3 (9' 10")	7642 (710)
4 (13' 1")	4298 (399)
5 (16' 5")	2751 (256)



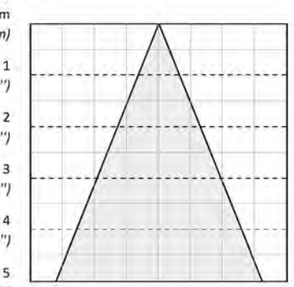
C71271
ODEON FLOOD
MEDIUM RGBW 25°

TOTAL OUTPUT:
5500 lumens

LUMINOUS EFFICACY:
21.52 lm/W



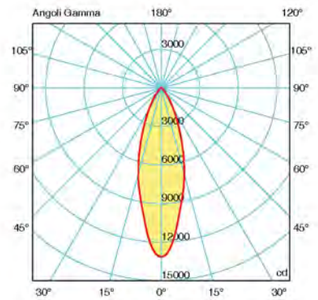
Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	19375 (1800)
2 (6' 7")	4844 (450)
3 (9' 10")	2153 (200)
4 (13' 1")	1211 (112)
5 (16' 5")	775 (72)



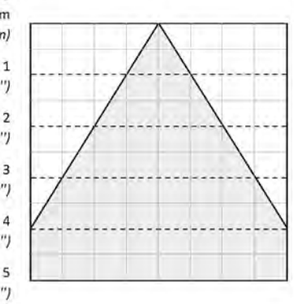
C71276
ODEON FLOOD
MEDIUM RGBW 35°

TOTAL OUTPUT:
5700 lumens

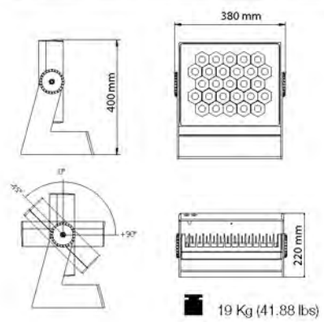
LUMINOUS EFFICACY:
22.63 lm/W



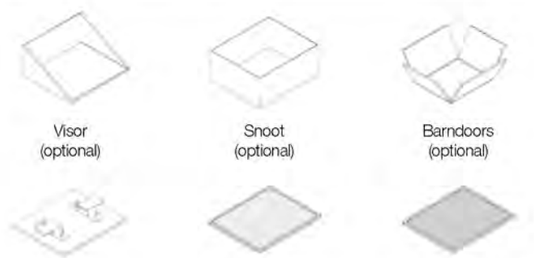
Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	13150 (1222)
2 (6' 7")	3288 (305)
3 (9' 10")	1461 (136)
4 (13' 1")	822 (76.4)
5 (16' 5")	526 (48.9)



WEIGHT AND DIMENSIONS



ACCESSORIES



Visor (optional)

Snoot (optional)

Barndoors (optional)

Truss Kit (optional)

Spread lense - soft (optional)

Spread lense - heavy (optional)

ODEON FLOOD MEDIUM TW

OSRAM Technology Included

CE | ETL Intertek | 0.2m | t_a -25°C 50°C | t_c 80°C | LED -40° +85° | IP65 | IK09 | VENT | DMX RDM | COLOR

Odeon Flood Medium TW features 27 multichip Tunable White LEDs and the exclusive "Hexeel" LED system.

VERSIONS

	Code	Optic	Light source	Input power	Total Output	4-Ch Color Temperature	Control Options	Channels
	C71267	15°	27 x TW LEDs	250 W	7,600 lm	2,700-7,000 K	DMX 512 / RDM	2 / 4 DMX
	C71272	25°	27 x TW LEDs	250 W	7,165 lm	2,700-7,000 K	DMX 512 / RDM	2 / 4 DMX
	C71277	35°	27 x TW LEDs	250 W	7,480 lm	2,700-7,000 K	DMX 512 / RDM	2 / 4 DMX

FINISH COLORS

Aluminium grey (standard)

Jet black (on request)

FLICKER-FREE

Flicker-free software controlled

DALI

External DMX-to-DALI interface (optional)

DIMMER

0-100% smooth dimming curve control

WIRELESS

W-DMX

External wireless DMX technology (optional)

CALIBRATION/BOOST

Exclusive Claypaky color calibration (4-Ch mode)

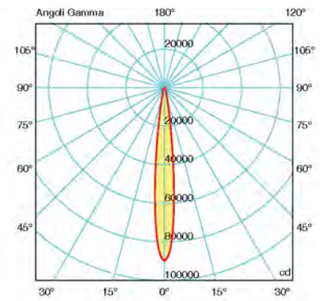
Special algorithm color boost (2-Ch mode)

PHOTOMETRICS ODEON FLOOD MEDIUM TW

C71267
ODEON FLOOD
MEDIUM TW 15°

TOTAL OUTPUT:
7600 lumens

LUMINOUS EFFICACY:
29.38 lm/W

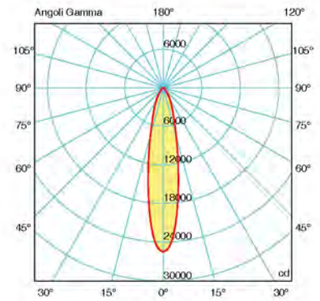


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	89875 (8349)
2 (6' 7")	22469 (2087)
3 (9' 10")	9986 (928)
4 (13' 1")	5617 (522)
5 (16' 5")	3595 (334)

C71272
ODEON FLOOD
MEDIUM TW 25°

TOTAL OUTPUT:
7165 lumens

LUMINOUS EFFICACY:
28.31 lm/W

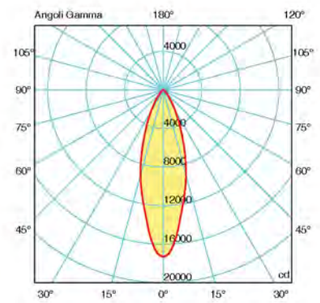


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	25500 (2369)
2 (6' 7")	6375 (592)
3 (9' 10")	2833 (263)
4 (13' 1")	1594 (148)
5 (16' 5")	1020 (94.8)

C71277
ODEON FLOOD
MEDIUM TW 35°

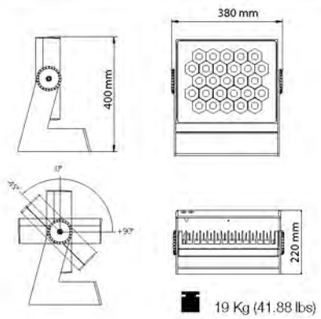
TOTAL OUTPUT:
7480 lumens

LUMINOUS EFFICACY:
29.78 lm/W



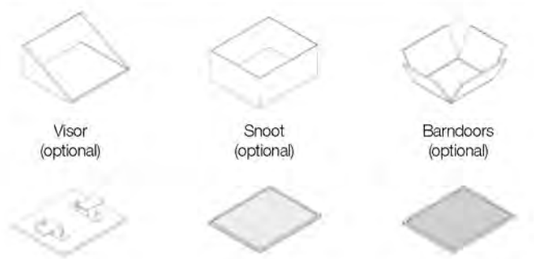
Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	17300 (1607)
2 (6' 7")	4325 (402)
3 (9' 10")	1922 (179)
4 (13' 1")	1081 (100)
5 (16' 5")	692 (64.3)

WEIGHT AND DIMENSIONS



19 Kg (41.88 lbs)

ACCESSORIES



Visor (optional)

Snoot (optional)

Barndoors (optional)

Truss Kit (optional)

Spread lense - soft (optional)

Spread lense - heavy (optional)

ODEON FLOOD MEDIUM W

OSRAM Technology Included

CE | Intertek | 0.2 m | t_a -25°C 50°C | t_c 80°C | LED -40° +85° | IP65 | IK09 | VENT | DMX RDM

Odeon Flood Medium W features 27 multichip White LEDs and the exclusive "Hexeel" LED system.

VERSIONS

	Code	Optic	Light source	Input power	Total Output	Color Temperature	Control Options	Channels
	C71268	15°	27 x White LEDs	250 W	11,695 lm	3,000 or 4,000 K	DMX 512 / RDM	1 DMX
	C71273	25°	27 x White LEDs	250 W	11,030 lm	3,000 or 4,000 K	DMX 512 / RDM	1 DMX
	C71278	35°	27 x White LEDs	250 W	11,520 lm	3,000 or 4,000 K	DMX 512 / RDM	1 DMX

*Monochrome version (Red, Green or Blue) on request

FINISH COLORS

Aluminium grey (standard)

Jet black (on request)

FLICKER-FREE

Flicker-free software controlled

DALI

External DMX-to-DALI interface (optional)

DIMMER

0-100% smooth dimming curve control

WIRELESS

W-DMX

External wireless DMX technology (optional)

0-10 V

0-10 V

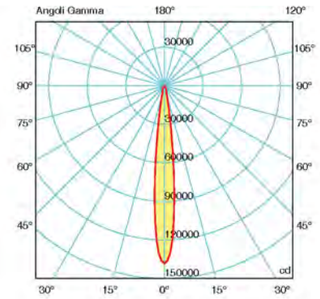
External 0-10 V analog interface (optional)

PHOTOMETRICS ODEON FLOOD MEDIUM W

C71268
ODEON FLOOD
MEDIUM W 15°

TOTAL OUTPUT:
11695 lumens

LUMINOUS EFFICACY:
45.25 lm/W

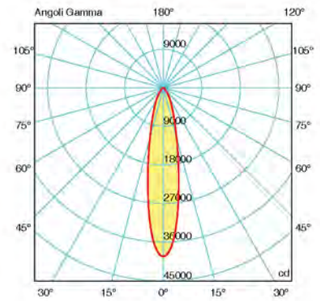


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	138400 (12857)
2 (6' 7")	34600 (3214)
3 (9' 10")	15378 (1429)
4 (13' 1")	8650 (804)
5 (16' 5")	5536 (514)

C71273
ODEON FLOOD
MEDIUM W 25°

TOTAL OUTPUT:
11030 lumens

LUMINOUS EFFICACY:
43.61 lm/W

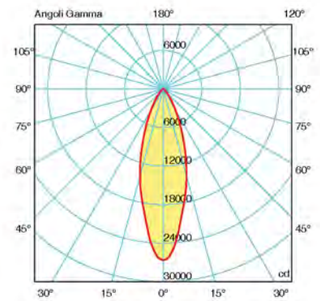


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	39250 (3646)
2 (6' 7")	9813 (912)
3 (9' 10")	4361 (405)
4 (13' 1")	2453 (228)
5 (16' 5")	1570 (146)

C71278
ODEON FLOOD
MEDIUM W 35°

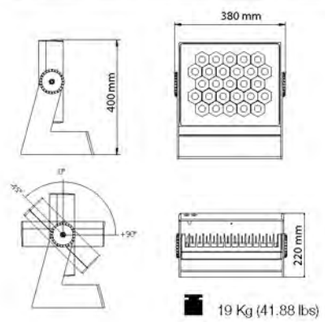
TOTAL OUTPUT:
11520 lumens

LUMINOUS EFFICACY:
45.87 lm/W

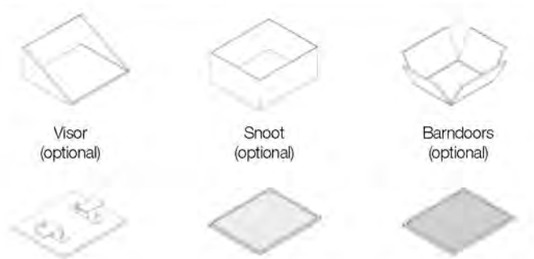


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	26650 (2476)
2 (6' 7")	6663 (619)
3 (9' 10")	2961 (275)
4 (13' 1")	1666 (155)
5 (16' 5")	1066 (99)

WEIGHT AND DIMENSIONS



ACCESSORIES



Visor (optional)

Snoot (optional)

Barndoors (optional)

Truss Kit (optional)

Spread lense - soft (optional)

Spread lense - heavy (optional)

ODEON MINI

RGBW
full color

TW
tunable white

W
white

ODEON FLOOD MINI RGBW

OSRAM Technology included

CE | ETL bourbit | ta -25° C 50° C | ta 80°C | LED -40° +85° | IP65 | IK09 | VENT | DMX RDM | COLOR

Odeon Flood Mini RGBW features16 multichip RGBW LEDs and the exclusive "Hexeel" LED system.

VERSIONS

	Code	Optic	Light source	Input power	Total Output	7-Ch Color Temperature	Control Options	Channels
	C71281	15°	16 x RGBW LEDs	175 W	3,500 lm	2,700-7,000 K	DMX 512 / RDM	4 / 7 DMX
	C71286	25°	16 x RGBW LEDs	175 W	3,300 lm	2,700-7,000 K	DMX 512 / RDM	4 / 7 DMX
	C71291	35°	16 x RGBW LEDs	175 W	3,450 lm	2,700-7,000 K	DMX 512 / RDM	4 / 7 DMX

FINISH COLORS

Aluminium grey (standard)

Jet black (on request)

FLICKER-FREE

Flicker-free software controlled

DALI

External DMX-to-DALI interface (optional)

DIMMER

0-100% smooth dimming curve control

WIRELESS

W-DMX

External wireless DMX technology (optional)

CALIBRATION/BOOST

Exclusive Claypaky color calibration (7-Ch mode)

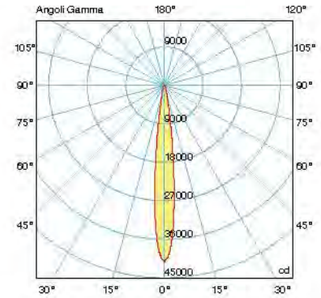
Special algorithm color boost (4-Ch mode)

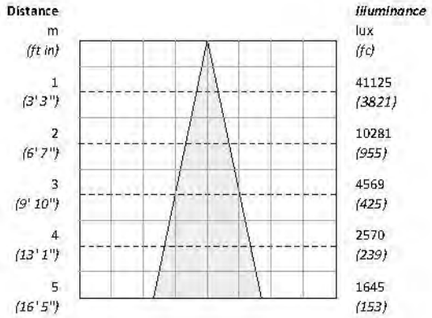
PHOTOMETRICS ODEON FLOOD MINI RGBW

C71281
ODEON FLOOD
MINI RGBW 15°

TOTAL OUTPUT:
3500 lumens

LUMINOUS EFFICACY:
19.75 lm/W

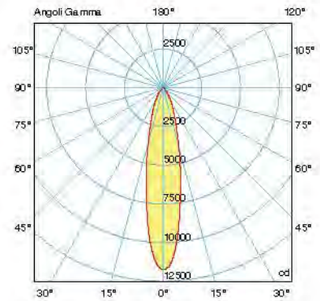


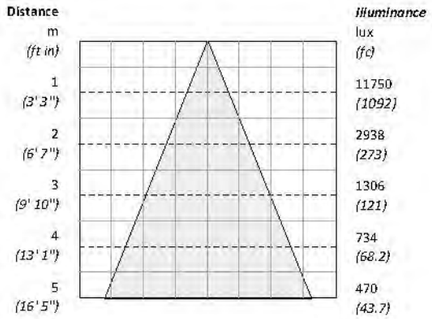


C71286
ODEON FLOOD
MINI RGBW 25°

TOTAL OUTPUT:
3300 lumens

LUMINOUS EFFICACY:
18.63 lm/W

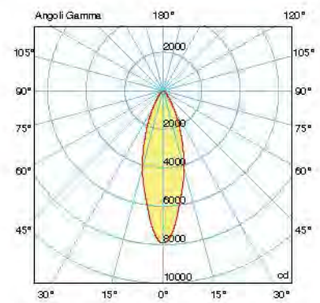


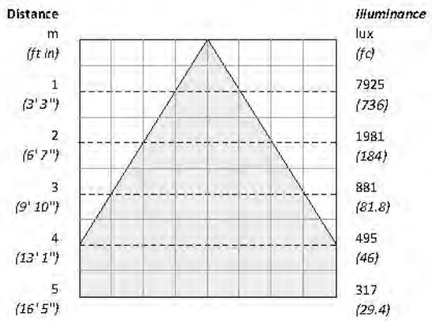


C71291
ODEON FLOOD
MINI RGBW 35°

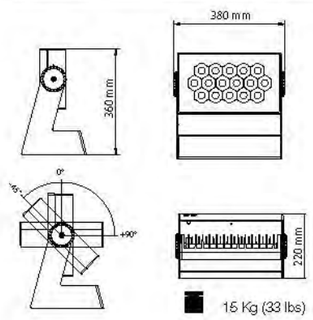
TOTAL OUTPUT:
3450 lumens

LUMINOUS EFFICACY:
19.45 lm/W



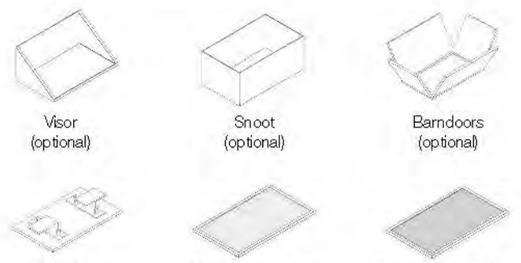


WEIGHT AND DIMENSIONS



15 Kg (33 lbs)

ACCESSORIES



Visor (optional)

Snoot (optional)

Barndoors (optional)

Truss Kit (optional)

Spread lense - soft (optional)

Spread lense - heavy (optional)

ODEON FLOOD MINI TW

OSRAM Technology Included

CE | Intertek | 0.2m | t_a -25°C 50°C | t_c 80°C | LED -40° +85° | IP65 | IK09 | VENT | DMX RDM | COLOR

Odeon Flood Mini TW features 16 multichip Tunable White LEDs and the exclusive "Hexeel" LED system.

VERSIONS

	Code	Optic	Light source	Input power	Total Output	4-Ch Color Temperature	Control Options	Channels
	C71282	15°	16 x TW LEDs	175 W	4,650 lm	2,700-7,000 K	DMX 512 / RDM	2 / 4 DMX
	C71287	25°	16 x TW LEDs	175 W	4,370 lm	2,700-7,000 K	DMX 512 / RDM	2 / 4 DMX
	C71292	35°	16 x TW LEDs	175 W	4,570 lm	2,700-7,000 K	DMX 512 / RDM	2 / 4 DMX

FINISH COLORS

Aluminium grey (standard)

Jet black (on request)

FLICKER-FREE

Flicker-free software controlled

DALI

External DMX-to-DALI interface (optional)

DIMMER

0-100% smooth dimming curve control

WIRELESS

W-DMX

External wireless DMX technology (optional)

CALIBRATION/BOOST

Exclusive Claypaky color calibration (4-Ch mode)

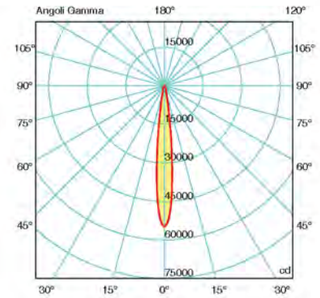
Special algorithm color boost (2-Ch mode)

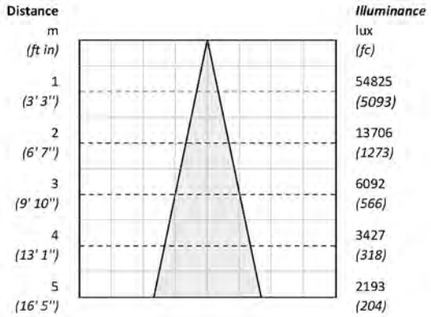
PHOTOMETRICS ODEON FLOOD MINI TW

C71282
ODEON FLOOD
MINI TW 15°

TOTAL OUTPUT:
4650 lumens

LUMINOUS EFFICACY:
26.32 lm/W

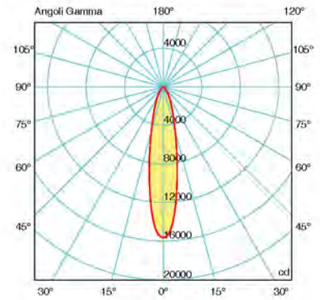


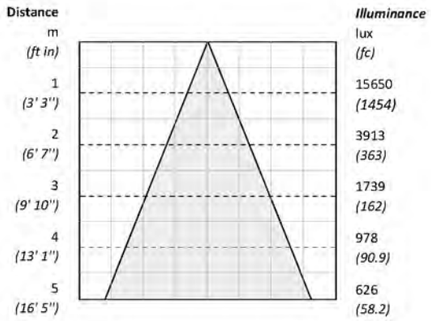


C71287
ODEON FLOOD
MINI TW 25°

TOTAL OUTPUT:
4370 lumens

LUMINOUS EFFICACY:
24.84 lm/W

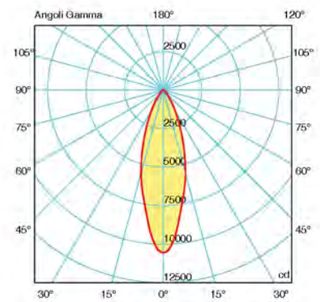


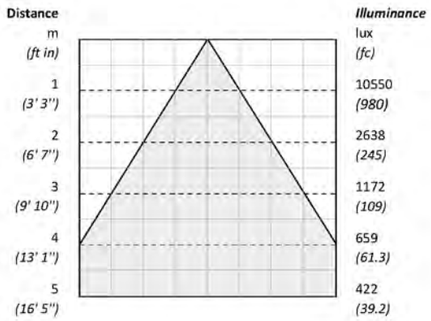


C71292
ODEON FLOOD
MINI TW 35°

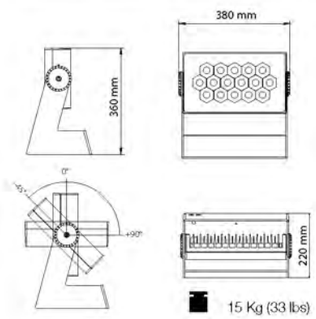
TOTAL OUTPUT:
4570 lumens

LUMINOUS EFFICACY:
25.94 lm/W

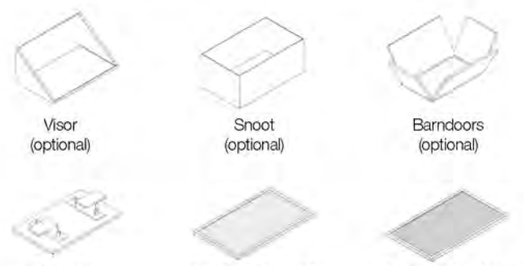




WEIGHT AND DIMENSIONS



ACCESSORIES



Visor (optional)

Snoot (optional)

Barndoors (optional)

Truss Kit (optional)

Spread lense - soft (optional)

Spread lense - heavy (optional)

ODEON FLOOD MINI W

OSRAM Technology Included

CE | Intertek | 0.2m | t_a -25°C 50°C | t_c 80°C | LED -40° +85° | IP65 | IK09 | VENT | DMX RDM

Odeon Flood Mini W features 16 multichip White LEDs and the exclusive "Hexeel" LED system.

VERSIONS

	Code	Optic	Light source	Input power	Total Output	Color Temperature	Control Options	Channels
	C71283	15°	16 x White LEDs	175 W	7,100 lm	3,000 or 4,000 K	DMX 512 / RDM	1 DMX
	C71288	25°	16 x White LEDs	175 W	6,700 lm	3,000 or 4,000 K	DMX 512 / RDM	1 DMX
	C71293	35°	16 x White LEDs	175 W	7,000 lm	3,000 or 4,000 K	DMX 512 / RDM	1 DMX

*Monochrome version (Red, Green or Blue) on request

FINISH COLORS

Aluminium grey (standard)

Jet black (on request)

FLICKER-FREE

Flicker-free software controlled

DALI

External DMX-to-DALI interface (optional)

DIMMER

0-100% smooth dimming curve control

WIRELESS

W-DMX

External wireless DMX technology (optional)

0-10 V

0-10 V

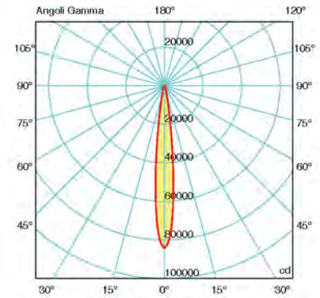
External 0-10 V analog interface (optional)

PHOTOMETRICS ODEON FLOOD MINI W

C71283
ODEON FLOOD
MINI W 15°

TOTAL OUTPUT:
7100 lumens

LUMINOUS EFFICACY:
40.37 lm/W

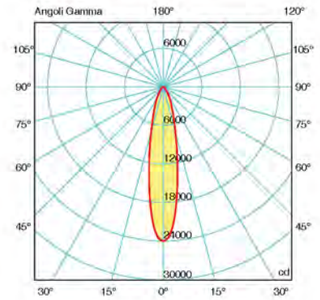


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	84050 (7808)
2 (6' 7")	21013 (1952)
3 (9' 10")	9339 (868)
4 (13' 1")	5253 (488)
5 (16' 5")	3362 (312)

C71288
ODEON FLOOD
MINI W 25°

TOTAL OUTPUT:
6700 lumens

LUMINOUS EFFICACY:
38.09 lm/W

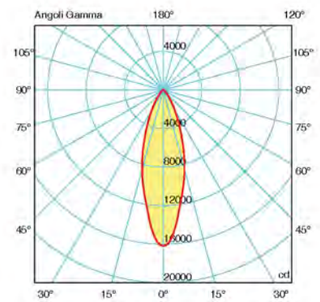


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	24000 (2230)
2 (6' 7")	6000 (557)
3 (9' 10")	2667 (248)
4 (13' 1")	1500 (139)
5 (16' 5")	960 (89.2)

C71293
ODEON FLOOD
MINI W 35°

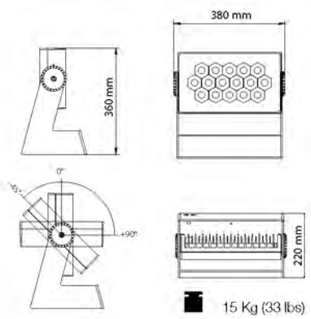
TOTAL OUTPUT:
7000 lumens

LUMINOUS EFFICACY:
39.77 lm/W

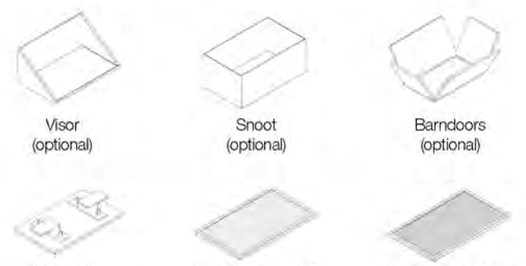


Distance m (ft in)	Illuminance lux (fc)
1 (3' 3")	16175 (1503)
2 (6' 7")	4044 (376)
3 (9' 10")	1797 (167)
4 (13' 1")	1011 (93.9)
5 (16' 5")	647 (60.1)

WEIGHT AND DIMENSIONS



ACCESSORIES



Visor (optional)

Snoot (optional)

Barndoors (optional)

Truss Kit (optional)

Spread lense - soft (optional)

Spread lense - heavy (optional)

ODEON FLOOD OPTICS

Each model is available in three different optical unit versions.

15° (narrow)

25° (medium)

35° (flood)

HEAD ADJUSTEMENT

The head's fixture may be adjusted over 135° (90° backward and 45° forward) using a graduated ring:

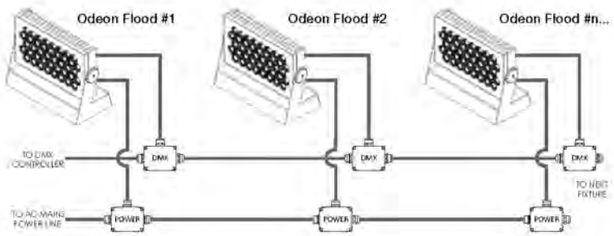
+90°

-45°

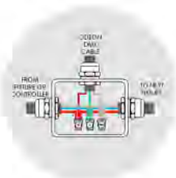
Head fine adjustement

CONNECTION TO MAINS AND CONTROL LINE

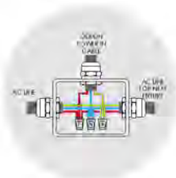
Each fixture is provided with 2x1.5 m cables and need to be connected to 2 waterproof junction boxes (not included).



DMX



POWER



ODEON FLOOD - SUMMARY TABLE

Model	Code	Type	Optics	Number of LEDs	Input Power	Total Output	Color Temperature	LED Boost	Color Calibration	Channels	Weight Kg (lbs)	Dimensions mm (inch)
MAXI	C71251	RGBW	15°	42	320W	8650 lm	2700K-7000K (7-Ch mode)	•	•	4 / 7 DMX	23.5 (50.7)	525x255x400 (20.7x10x15.7)
	C71256	RGBW	25°	42	320W	8200 lm	2700K-7000K (7-Ch mode)	•	•	4 / 7 DMX	23.5 (50.7)	525x255x400 (20.7x10x15.7)
	C71261	RGBW	35°	42	320W	8500 lm	2700K-7000K (7-Ch mode)	•	•	4 / 7 DMX	23.5 (50.7)	525x255x400 (20.7x10x15.7)
	C71252	TW	15°	42	320W	11130 lm	2700K-7000K (4-Ch mode)		•	2 / 4 DMX	23.5 (50.7)	525x255x400 (20.7x10x15.7)
	C71257	TW	25°	42	320W	10500 lm	2700K-7000K (4-Ch mode)		•	2 / 4 DMX	23.5 (50.7)	525x255x400 (20.7x10x15.7)
	C71262	TW	35°	42	320W	10960 lm	2700K-7000K (4-Ch mode)		•	2 / 4 DMX	23.5 (50.7)	525x255x400 (20.7x10x15.7)
	C71253	W	15°	42	320W	17230 lm	3000K or 4000K			1 DMX	23.5 (50.7)	525x255x400 (20.7x10x15.7)
	C71258	W	25°	42	320W	16250 lm	3000K or 4000K			1 DMX	23.5 (50.7)	525x255x400 (20.7x10x15.7)
	C71263	W	35°	42	320W	16970 lm	3000K or 4000K			1 DMX	23.5 (50.7)	525x255x400 (20.7x10x15.7)
MEDIUM	C71266	RGBW	15°	27	250W	5800 lm	2700K-7000K (7-Ch mode)	•	•	4 / 7 DMX	19 (41.88)	380x220x400 (14.9x8.6x15.7)
	C71271	RGBW	25°	27	250W	5500 lm	2700K-7000K (7-Ch mode)	•	•	4 / 7 DMX	19 (41.88)	380x220x400 (14.9x8.6x15.7)
	C71276	RGBW	35°	27	250W	5700 lm	2700K-7000K (7-Ch mode)	•	•	4 / 7 DMX	19 (41.88)	380x220x400 (14.9x8.6x15.7)
	C71267	TW	15°	27	250W	7600 lm	2700K-7000K (4-Ch mode)		•	2 / 4 DMX	19 (41.88)	380x220x400 (14.9x8.6x15.7)
	C71272	TW	25°	27	250W	7165 lm	2700K-7000K (4-Ch mode)		•	2 / 4 DMX	19 (41.88)	380x220x400 (14.9x8.6x15.7)
	C71277	TW	35°	27	250W	7480 lm	2700K-7000K (4-Ch mode)		•	2 / 4 DMX	19 (41.88)	380x220x400 (14.9x8.6x15.7)
	C71268	W	15°	27	250W	11695 lm	3000K or 4000K			1 DMX	19 (41.88)	380x220x400 (14.9x8.6x15.7)
	C71273	W	25°	27	250W	11030 lm	3000K or 4000K			1 DMX	19 (41.88)	380x220x400 (14.9x8.6x15.7)
	C71278	W	35°	27	250W	11520 lm	3000K or 4000K			1 DMX	19 (41.88)	380x220x400 (14.9x8.6x15.7)
MINI	C71281	RGBW	15°	16	175W	3500 lm	2700K-7000K (7-Ch mode)	•	•	4 / 7 DMX	15 (33)	380x220x360 (14.9x8.6x14.1)
	C71286	RGBW	25°	16	175W	3300 lm	2700K-7000K (7-Ch mode)	•	•	4 / 7 DMX	15 (33)	380x220x360 (14.9x8.6x14.1)
	C71291	RGBW	35°	16	175W	3450 lm	2700K-7000K (7-Ch mode)	•	•	4 / 7 DMX	15 (33)	380x220x360 (14.9x8.6x14.1)
	C71282	TW	15°	16	175W	4650 lm	2700K-7000K (4-Ch mode)		•	2 / 4 DMX	15 (33)	380x220x360 (14.9x8.6x14.1)
	C71287	TW	25°	16	175W	4370 lm	2700K-7000K (4-Ch mode)		•	2 / 4 DMX	15 (33)	380x220x360 (14.9x8.6x14.1)
	C71292	TW	35°	16	175W	4570 lm	2700K-7000K (4-Ch mode)		•	2 / 4 DMX	15 (33)	380x220x360 (14.9x8.6x14.1)
	C71283	W	15°	16	175W	7100 lm	3000K or 4000K			1 DMX	15 (33)	380x220x360 (14.9x8.6x14.1)
	C71288	W	25°	16	175W	6700 lm	3000K or 4000K			1 DMX	15 (33)	380x220x360 (14.9x8.6x14.1)
	C71293	W	35°	16	175W	7000 lm	3000K or 4000K			1 DMX	15 (33)	380x220x360 (14.9x8.6x14.1)

ODEON GRAZE*

OSRAM Technology Included | RGBW | TW | W

CE | Intertek | 0.2m | t_a -25°C 50°C | t_c 50°C | LED -40° +85° | IP65 | IK05 | VENT | COLOR | DMX RDM

The Odeon Graze line is a complete range of linear LED luminaires for architectural use, available in three versions (RGBW, Tunable White and Full White), four optical solutions (15°, 25°, 35° and elliptical) and two lengths (600 mm and 1500 mm / 23.6" and 59.1").

They feature multi-chip LED technology, which ensures excellent color mixing and precise DMX/RDM dimming. The bar has an elegant, clean design, thanks to totally integrated electronics and flush-with-the-edge cable glands.

Odeon Graze units are modular and ideal for graze lighting, but they can also be used for floodlighting. They are recommended for monuments, public and private buildings, architectural structures, parks, gardens, as well as businesses such as shops, shopping centres, restaurants, hotels, cinemas, gyms and leisure centres.

Their IP65 and IK05 protection ratings and working temperature (from -25° to 50°C) ensure durability and constant reliability over the years, even in harsh weather conditions.

*Available from September 2017

TECHNICAL DETAILS

Power	Universal AC input 90-305 Vac @ 50/60 Hz
Input power (PF 0.98)	- RGBW version: 45 Watt (size 600mm); 115 Watt (size 1500mm) - TW version: 56 Watt (size 600mm); 127 Watt (size 1500mm) - W version: 50 Watt (size 600mm); 112 Watt (size 1500mm)
Light Source	LED technology with exclusive "Hexeel" optical system
Maintenance	80000 hrs [L70@25°C]
Optics	Four optics available: 15° (narrow), 25° (medium), 35° (flood) and elliptical
Colors	- RGBW version: RGBW color mixing - TW: dynamic white - W: warm white
Color temperature	- RGBW: 2700-7000K calibrated - TW: 2700-7000K calibrated - W: 3000K or 4000K
Light intensity	Smooth, linear 0-100% dimmer
Control options	- DMX 512/RDM - Additional external DALI (RGBW and TW version) and external analog 0/10 V (W version) - Additional external Wireless DMX
Channels	RGBW (4/7 Channels), TW (2/4 Channels), W (1 Channel)
Protection rating	IP65 - IK05
Operating temperature	-25°C to 50°C
Chassis	Housing in extruded aluminium and stainless steel
Chassis color	Available in polished metallic (Aluminium Grey) or Jet Black on request
Coating	Electrostatically powder finish - resistant to hostile environments
Cable	AC power line cable length=1.5m / DMX cable length=1.5m
Working position	Any: upright or suspended upside-down

LIGHT SOURCE

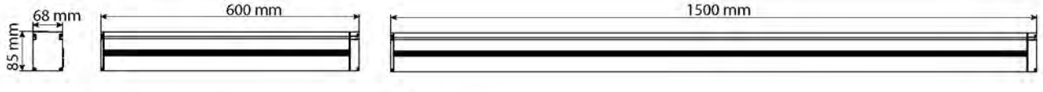
Type	LED technology with exclusive "Hexeel" optical system
LED	OSRAM Ostar Stage
Quantity of LEDs	6 x high power multichip LEDS (size 600mm) 15 x high power multichip LEDS (size 1500mm)

FINISH COLORS

Aluminium grey (standard)

Jet black (on request)

WEIGHT AND DIMENSIONS



3 Kg (6.61 lbs)

10 Kg (22.04 lbs)

GLOW-UP

RGBW | TW | W

CE | Intertek | 0.2m | t_a 40°C | t_c 90°C | IP65 | VENT | DMX RDM | W-DMX | ECO FRIENDLY

GlowUp is a portable, battery-powered luminaire that removes the logistical headache of running cables at events – dramatically reducing set-up time, while saving money and improving safety.

Based on durable, high-power LEDs, GlowUp offers years of energy-efficient service. Power is stored in a rechargeable lithium battery, a tried and tested technology found in many portable consumer devices such as mobile phones. The battery is lightweight making the fixture easy to carry and can be recharged 2000 times without suffering from 'memory' or capacity loss. Installation and set-up is entirely wireless and without cables. The battery eliminates the need for mains power; each fixture has a wireless on-board data receiver, so several fixtures can be synchronized at once wirelessly.

GlowUp is a fully programmable color-changer. Users can select scenes from a built-in library containing dozens of suggested colors as well as a number of pre-programmed, color-changing sequences. In alternative each fixture can be programmed through an external DMX controller, without needing to use cables.

3 GlowUp versions are available: GlowUp "C" (RGBW); GlowUp "TW" (Tunable White); GlowUp "W" (White). Body colors available: chromed-plated, white, black.

TECHNICAL DETAILS

Power	120-240V 50/60Hz
Input power	50 Watt
Total output	1200 lm
Zoom	Manually adjustable beam 15°-30°
Color Temperature	GlowUp "C": 5700 K, GlowUp "TW": 2700 K - 6200 K, GlowUp "W": 6000 K
Light Intensity	Smooth, linear 0-100% dimmer
Power supply	Battery and AC mains
Battery type	Lithium iron phosphate
Battery life	10 hrs (with all LED at full power); 20 hrs (when color changing)
Battery charge time	4 hrs (in the dedicated flight case), 8 hrs (when connected to mains)
Durability	2000 charge cycles
Control options	- Autonomous, Master/Slave or DMX (either wireless or via data cable) - Additional external DALI and external analog 0/10 V
Wireless control	Onboard DMX receiver/repeater concealed in fixture
Wireless repeater	Increases the range of the data signal
Control options	5-pin XLR IN/OUT
Menu interface	IP65, with 4 touch buttons and LCD display
User functions	DMX address assignment, fixture configuration, scene setting, configuration of the wireless network
Choice of preset cues	55 static colors; 55 color-changing sequences
Protection rating	IP65
Chassis	UV-resistant ABS polymer and steel
Head adjustement	± 105°
Working position	Any: upright or suspended upside-down

LIGHT SOURCE

Quantity of LEDs	4 x 10W LEDs (options: RGBW, Tunable White, cool White)

FINISH COLORS

Chrome-plated (standard) | Black (on request) | White (on request)

FLIGHT-CASE FOR BATTERY CHARGE

WEIGHT AND DIMENSIONS

7.5 Kg (16.5 lbs)

SYMBOLS

Conform to the European Community Directives

Intertek ETL Listed (Canada & USA)

Class 1 appliance according to standard EN 60598-1

0.2m Minimum distance of illuminated objects

t_a -25°C 50°C Maximum ambient temperature

t_c 80°C Maximum temperature that can be reached on the external surface of the fitting, in a thermally steady state

LED -40° +85° LED storage temperature

IP65 The appliance is fully protected against the entry of dust. Jets of water aimed at the casing from any direction do not cause damage to the appliance

IK09 IK05 The appliance is protected against mechanical impacts (IK09: 10 Joules - IK05: 0.7 Joules)

VENT Prevents the formation of condensation inside the unit

COLOR Color calibration

Flicker-free

DMX RDM DMX / RDM protocol connections

Risk Group 2 - according to EN 62471
Possibly hazardous optical radiation emitted from this product. Do not stare at operating lamp. May be harmful to the eye

In compliance with European Directive 2012/19/EU Waste Electrical and Electronic Equipment (WEEE)

Contains a lithium iron fetraphosphate rechargeable battery

W-DMX Wireless distribution of lighting control signals

Digital Addressable Lighting Interface (DALI)

Not suitable for household illumination

CLAY PAKY S.p.A. - I - 24068 Seriate (BG) - Via Pastrengo, 3/b
Phone +39 035 654311 - Fax +39 035 301876
www.claypaky.it - architectural@claypaky.it

XL2028-ENG-Rev2-03/2017