

TEC-MAR[®]

High Lighting Performance

made in Italy

LED
Selection
& news

GEN. 2019



1. UFFICI / OFFICES

DIANA	p. 05	SIRACUSA-LED	p. 08
VERA	p. 05	QUEEN	p. 08-09
DARK-LED	p. 06	DIAMANTE-LED	p. 09
VERONA-LED	p. 06	BLANCA	p. 10
VENEZIA-LED	p. 07	VERA 2	p. 10-11
LUNA-LED	p. 07	FORMA	p. 11
QUADRO	p. 07		



2. SHOP & RETAIL

MODULO 2	p. 13	SQUARE-LED	p. 15
LINEAR	p. 14	ALTEA	p. 15



3. INDUSTRIA / INDUSTRIAL

DEA	p. 17	MINERVA INOX	p. 19
DEA 2	p. 17	SPIDERLED 2	p. 19
DEA 3	p. 18	LORD 2	p. 20
DEA 4	p. 18	LORD HP	p. 20
UNICA 2	p. 18	LORD 4	p. 21
MINERVA	p. 19	LORD ELLIT	p. 21



4. PROIETTORI / FLOODLIGHT

MICRO	p. 23	LORD 3	p. 25
MICRO 2	p. 23	MAXI-LORD	p. 26
LORDINO	p. 24	MEGA-LORD	p. 27
LITTLE-LORD	p. 24	IPER-LORD	p. 28
LORD 2	p. 25		



5. STRADALI / STREETLIGHT

STEALTH 1	p. 30	AIRON 5	p. 32
STEALTH 2	p. 30	PLANET	p. 32
AIRON 1	p. 30	MAXI-PLANET	p. 33
AIRON 2	p. 31	BRANDO	p. 33
AIRON 3	p. 31	DANTE	p. 33
AIRON 4	p. 31		



6. SPORT

CALCIO A 5 / FUTSAL	p. 36-37	BASKET	p. 42-43
CALCIO A 11 / SOCCER	p. 38-39	NUOTO / SWIMMING	p. 44-45
PALLAVOLO / VOLLEY	p. 40-41	TENNIS	p. 46-49



1. UFFICI / OFFICES

Apparecchi LED adatti per uffici, sale riunioni, corridoi, archivi, con UGR<19 antiabbagliamento e schermante adatto per ambienti in cui si lavora su personal computer, CRI>80 per avere una resa cromatica importante, RG0 (rischio fotobiologico esente) ed alimentatori FLICKER FREE per aver un grande comfort visivo anti-affaticamento degli occhi.

LED luminaires suitable for offices, meeting rooms, corridors, archives, with UGR <19 anti-glare and shading, perfect for spaces where you work on personal computers, CRI>80 to have a significant color rendering, RG0 (photobiological risk 0) and FLICKER FREE drivers to have a great visual comforts.

UNI-EN 12464-1

Valori UGR in base alla destinazione d'uso degli ambienti

UGR	≤ 16 Applicazioni molto impegnative (disegno tecnico, controllo colori)
	≤ 19 Uffici e scuole (lettura, scrittura, riunioni, lavoro a computer)

UNI-EN 12464-1

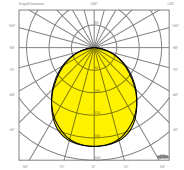
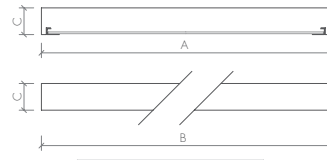
UGR values based on the intended use of the spaces

UGR	≤ 16 Very demanding applications (technical drawing, color control)
	≤ 19 Offices and schools (reading, writing, meetings, computer work)

1.1 Apparecchi da incasso per controsoffitti struttura a vista (installazione in appoggio)
 1.1 Recessed luminaires for false ceilings with exposed structure



UGR <19



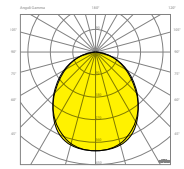
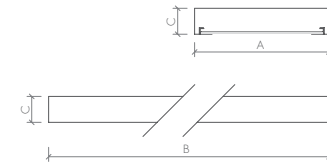
1810 DIANA

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
1810QP0432EL	32	4000	QP	4,50	5211 lm - CRI≥80	3663 lm - CRI≥80	4x18W FLUO
1810QP0448EL	48	4000	QP	4,50	8084 lm - CRI≥80	5683 lm - CRI≥80	4x24W FLUO
1810QP0472EL	72	4000	QP	4,50	11099 lm - CRI≥80	7802 lm - CRI≥80	4x40W FLUO

A (mm)	B (mm)	C (mm)
595	595	60
595	595	60
595	595	60



UGR <19



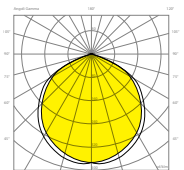
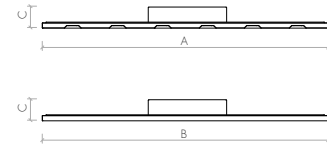
1810 DIANA

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
1810RP0417EL	17	4000	RP	3,00	2605 lm - CRI≥80	1831 lm - CRI≥80	2X18W FLUO
1810RP0432EL	32	4000	RP	4,50	5211 lm - CRI≥80	3663 lm - CRI≥80	2X36W FLUO
1810RP0448EL	48	4000	RP	4,50	8084 lm - CRI≥80	5683 lm - CRI≥80	4x24W FLUO
1810RP0464EL	64	4000	RP	9,00	10422 lm - CRI≥80	7326 lm - CRI≥80	4X36W FLUO
1810RP0472EL	72	4000	RP	4,50	11099 lm - CRI≥80	7802 lm - CRI≥80	4x40W FLUO

A (mm)	B (mm)	C (mm)
295	595	60
295	1195	60
295	1195	60
595	1195	60
295	1195	60



UGR <19



1820 VERA

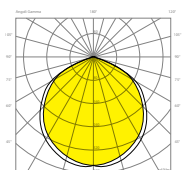
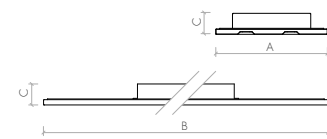
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
1820LQ0426EL	26	4000	LQ	3,80	4083 lm - CRI≥80	3674 lm - CRI≥80	3x18W FLUO
1820LQ0432EL	32	4000	LQ	3,80	5058 lm - CRI≥80	4552 lm - CRI≥80	4X18W FLUO
1820LQ0437EL	37	4000	LQ	3,80	5547 lm - CRI≥80	4992 lm - CRI≥80	4X18W FLUO

A (mm)	B (mm)	C (mm)
595	595	60
595	595	60
595	595	60

new



UGR <19



1820 VERA

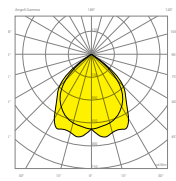
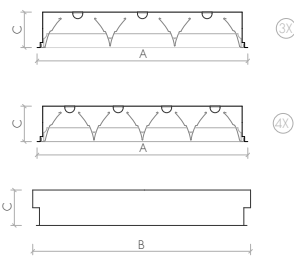
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
1820LR0418EL	18	4000	LR	2,50	2773 lm - CRI≥80	2495 lm - CRI≥80	2X18W FLUO
1820LR0426EL	26	4000	LR	3,80	4083 lm - CRI≥80	3674 lm - CRI≥80	2X28W FLUO
1820LR0432EL	32	4000	LR	3,80	5058 lm - CRI≥80	4552 lm - CRI≥80	2X36W FLUO
1820LR0437EL	37	4000	LR	3,80	5547 lm - CRI≥80	4992 lm - CRI≥80	2X36W FLUO

A (mm)	B (mm)	C (mm)
295	595	60
295	1195	60
295	1195	60
295	1195	60

new



UGR <16



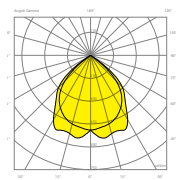
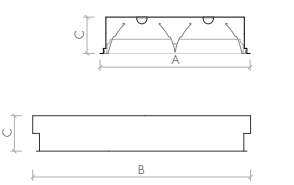
1120 DARK-LED

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
1120Q30424EL	24	4000	Q3	5,00	4042 lm - CRI≥80	2708 lm - CRI≥80	3X18W FLUO
1120Q30437EL	37	4000	Q3	5,00	5326 lm - CRI≥80	3568 lm - CRI≥80	4X18W FLUO
1120Q40433EL	33	4000	Q4	5,00	5390 lm - CRI≥80	3611 lm - CRI≥80	4X18W FLUO
1120Q40448EL	48	4000	Q4	5,00	7101 lm - CRI≥80	4757 lm - CRI≥80	4X24W FLUO

A (mm)	B (mm)	C (mm)
595	595	90
595	595	90
595	595	90
595	595	90



UGR <16



1120 DARK-LED

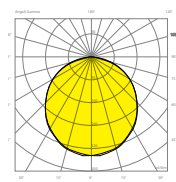
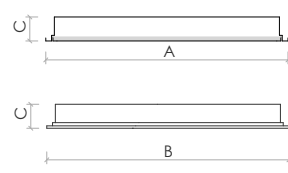
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
1120R20415EL	15	4000	R2	3,00	2524 lm - CRI≥80	1691 lm - CRI≥80	2X18W FLUO
1120R20433EL	33	4000	R2	5,00	5390 lm - CRI≥80	3611 lm - CRI≥80	2X36W FLUO

A (mm)	B (mm)	C (mm)
295	595	90
295	1195	90

1.2 Apparecchi da incasso per controsoffitti struttura nascosta (installazione con staffe)
 1.2 Recessed luminaires for false ceilings with concealed structure (installation with brackets)



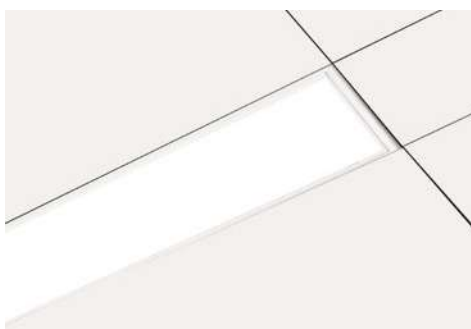
UGR <19



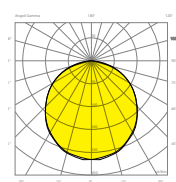
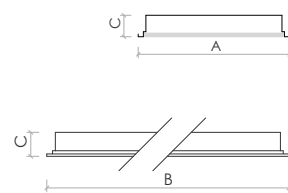
1110 VERONA-LED

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
11103Q0432EL	32	4000	3Q	5,00	5211 lm - CRI≥80	3882 lm - CRI≥80	4X18W FLUO

A (mm)	B (mm)	C (mm)
598	598	60



UGR <19



1110 VERONA-LED

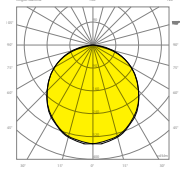
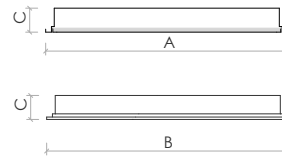
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
11103R0417EL	17	4000	3R	3,00	2605 lm - CRI≥80	1940 lm - CRI≥80	2X18W FLUO
11103R0432EL	32	4000	3R	5,00	5211 lm - CRI≥80	3882 lm - CRI≥80	2X36W FLUO
11103R0460EL	60	4000	3R	5,50	8955 lm - CRI≥80	6671 lm - CRI≥80	2X58W FLUO
11103R0464EL	64	4000	3R	10,00	10422 lm - CRI≥80	7764 lm - CRI≥80	4X36W FLUO

A (mm)	B (mm)	C (mm)
298	598	60
298	1198	60
298	1498	60
598	1198	60

1.3 Apparecchi da incasso per controsoffitti in cartongesso (installazione con staffe)
1.3 Recessed luminaires for plasterboard false ceilings (installation with brackets)



UGR <19



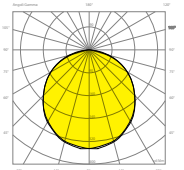
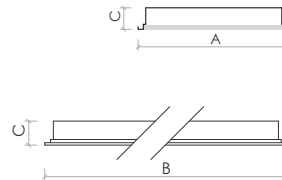
1100 VENEZIA-LED

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
11003Q0432EL	32	4000	3Q	5,00	5211 lm - CRI≥80	3882 lm - CRI≥80	4X18W FLUO

A (mm)	B (mm)	C (mm)
620	620	60



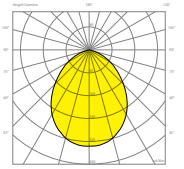
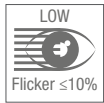
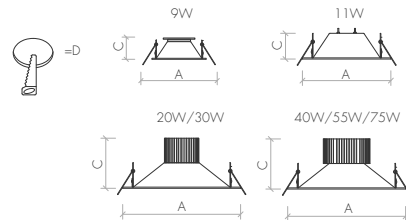
UGR <19



1100 VENEZIA-LED

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
11003R0417EL	17	4000	3R	3,00	2605 lm - CRI≥80	1940 lm - CRI≥80	2X18W FLUO
11003R0432EL	32	4000	3R	5,00	5211 lm - CRI≥80	3882 lm - CRI≥80	2X36W FLUO
11003R0460EL	60	4000	3R	5,00	8955 lm - CRI≥80	6671 lm - CRI≥80	2X58W FLUO
11003R0464EL	64	4000	3R	10,00	10422 lm - CRI≥80	7764 lm - CRI≥80	4X36W FLUO

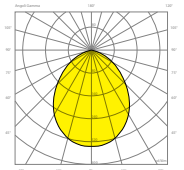
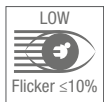
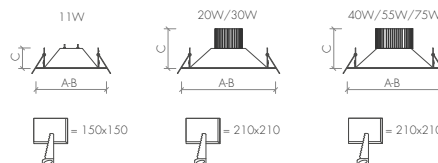
A (mm)	B (mm)	C (mm)
320	620	60
320	1220	60
320	1520	60
620	1220	60



6005 LUNA-LED

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
6005VS0409EL	9	4000	VS	0,60	1436 lm - CRI≥80	956 lm - CRI≥80	100W ALO
6005VS0411EL	11	4000	VS	0,60	1618 lm - CRI≥80	1077 lm - CRI≥80	1X26W FL-C
6005VS0420EL	20	4000	VS	1,20	3299 lm - CRI≥80	2197 lm - CRI≥80	2X26W FL-C
6005VS0430EL	30	4000	VS	1,20	4038 lm - CRI≥80	2689 lm - CRI≥80	70W JM
6005VS0440EL	40	4000	VS	1,40	5867 lm - CRI≥80	3907 lm - CRI≥80	400W ALO
6005VS0455EL	55	4000	VS	1,40	8336 lm - CRI≥80	5551 lm - CRI≥80	500W ALO
new 6005VS0475EL	75	4000	VS	1,60	10648 lm - CRI≥80	7091 lm - CRI≥80	150W JM

A (mm)	D (mm)	C (mm)
125	105	45
180	155	70
240	218	95
240	218	95
240	218	95
240	218	95
240	218	95



6006 QUADRO

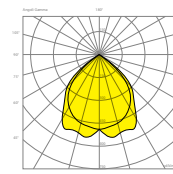
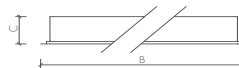
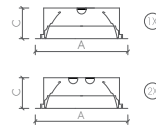
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
6006VS0411EL	11	4000	VS	0,60	1618 lm - CRI≥80	1077 lm - CRI≥80	1X26W FL-C
6006VS0420EL	20	4000	VS	1,20	3299 lm - CRI≥80	2197 lm - CRI≥80	2X26W FL-C
6006VS0430EL	30	4000	VS	1,20	4038 lm - CRI≥80	2689 lm - CRI≥80	70W JM
6006VS0440EL	40	4000	VS	1,40	5867 lm - CRI≥80	3907 lm - CRI≥80	400W ALO
6006VS0455EL	55	4000	VS	1,40	8336 lm - CRI≥80	5551 lm - CRI≥80	500W ALO
new 6006VS0475EL	75	4000	VS	1,60	10648 lm - CRI≥80	7091 lm - CRI≥80	150W JM

A (mm)	B (mm)	C (mm)
180	180	70
240	240	95
240	240	95
240	240	95
240	240	95
240	240	95

1.4 Apparecchi da incasso per controsoffitti a doghe (installazione con staffe)
1.4 Recessed luminaires for slatted ceilings (installation with brackets)



UGR <16



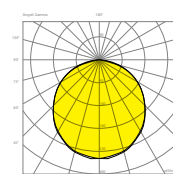
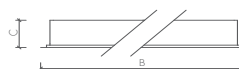
1160 SIRACUSA-LED

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
11602R0412EL	12	4000	2R	3,80	1699 lm - CRI≥80	1189 lm - CRI≥80	1X18W FLUO
11602R0415EL	15	4000	2R	3,80	2524 lm - CRI≥80	1766 lm - CRI≥80	2X18W FLUO
11602R0423EL	23	4000	2R	5,90	3551 lm - CRI≥80	2485 lm - CRI≥80	1X36W FLUO
11602R0428EL	28	4000	2R	6,80	4625 lm - CRI≥80	3237 lm - CRI≥80	1X58W FLUO
11602R0433EL	33	4000	2R	5,90	5390 lm - CRI≥80	3773 lm - CRI≥80	2X36W FLUO
11602R0438EL	38	4000	2R	6,80	6310 lm - CRI≥80	4417 lm - CRI≥80	2X49W FLUO
11602R0448EL	48	4000	2R	5,80	7101 lm - CRI≥80	4970 lm - CRI≥80	2X54W FLUO
11602R0460EL	60	4000	2R	6,80	8955 lm - CRI≥80	6268 lm - CRI≥80	2X58W FLUO

A (mm)	B (mm)	C (mm)
225	660	85
225	660	85
225	1270	85
225	1570	85
225	1270	85
225	1570	85
225	1270	85
225	1570	85



UGR <19



1160 SIRACUSA-LED

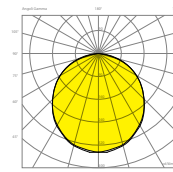
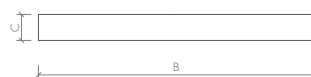
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
11603R0412EL	12	4000	3R	3,80	1699 lm - CRI≥80	1257 lm - CRI≥80	1X18W FLUO
11603R0415EL	15	4000	3R	3,80	2524 lm - CRI≥80	1867 lm - CRI≥80	2X18W FLUO
11603R0423EL	23	4000	3R	5,90	3551 lm - CRI≥80	2627 lm - CRI≥80	1X36W FLUO
11603R0428EL	28	4000	3R	6,80	4625 lm - CRI≥80	3422 lm - CRI≥80	1X58W FLUO
11603R0433EL	33	4000	3R	5,90	5390 lm - CRI≥80	3988 lm - CRI≥80	2X36W FLUO
11603R0438EL	38	4000	3R	6,80	6310 lm - CRI≥80	4669 lm - CRI≥80	2X49W FLUO
11603R0448EL	48	4000	3R	5,80	7101 lm - CRI≥80	5254 lm - CRI≥80	2X54W FLUO
11603R0460EL	60	4000	3R	6,80	8955 lm - CRI≥80	6626 lm - CRI≥80	2X58W FLUO

A (mm)	B (mm)	C (mm)
225	660	85
225	660	85
225	1270	85
225	1570	85
225	1270	85
225	1570	85
225	1270	85
225	1570	85

1.5 Apparecchi per installazioni a plafone e sospensione
1.5 Ceiling installed and suspended luminaires



UGR <19



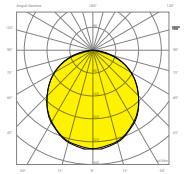
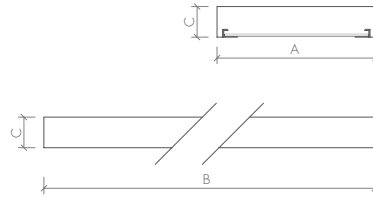
1811 QUEEN

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
1811Q30432EL	32	4000	Q3	6,00	5211 lm - CRI≥80	3882 lm - CRI≥80	4X18W FLUO
1811Q30448EL	48	4000	Q3	6,00	8084 lm - CRI≥80	6022 lm - CRI≥80	4X24W FLUO
1811Q30472EL	72	4000	Q3	6,00	11099 lm - CRI≥80	8268 lm - CRI≥80	4X40W FLUO

A (mm)	B (mm)	C (mm)
620	620	70
620	620	70
620	620	70



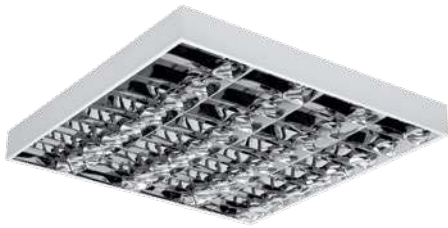
UGR <19



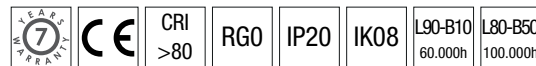
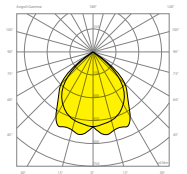
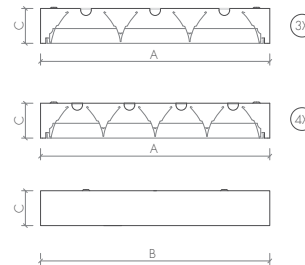
1811 QUEEN

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
1811R30417EL	17	4000	R3	3,00	2605 lm - CRI≥80	1940 lm - CRI≥80	2X18W FLUO
1811R30432EL	32	4000	R3	6,00	5211 lm - CRI≥80	3882 lm - CRI≥80	2X36W FLUO
1811R30448EL	48	4000	R3	6,00	8084 lm - CRI≥80	6022 lm - CRI≥80	2X54W FLUO
1811R30460EL	60	4000	R3	6,50	8955 lm - CRI≥80	6671 lm - CRI≥80	2X58W FLUO
1811R30464EL	64	4000	R3	9,00	10422 lm - CRI≥80	7764 lm - CRI≥80	4X36W FLUO
1811R30472EL	72	4000	R3	6,00	11099 lm - CRI≥80	8268 lm - CRI≥80	2X80W FLUO

A (mm)	B (mm)	C (mm)
350	620	70
350	1220	70
350	1220	70
350	1520	70
620	1220	70
350	1220	70



UGR <16



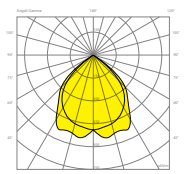
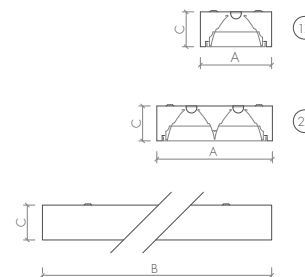
2020 DIAMANTE-LED

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2020Q20424EL	24	4000	Q2	4,50	4042 lm - CRI≥80	2708 lm - CRI≥80	3X18W FLUO
2020Q20433EL	33	4000	Q2	4,50	5390 lm - CRI≥80	3611 lm - CRI≥80	4X18W FLUO
2020Q20437EL	37	4000	Q2	4,50	5326 lm - CRI≥80	3568 lm - CRI≥80	4X18W FLUO
2020Q20448EL	48	4000	Q2	4,50	7101 lm - CRI≥80	4757 lm - CRI≥80	4X24W FLUO

A (mm)	B (mm)	C (mm)
605	605	90
605	605	90
605	605	90
605	605	90



UGR <16



2020 DIAMANTE-LED

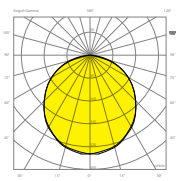
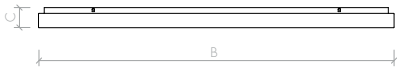
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2020R20412EL	12	4000	R2	2,40	1699 lm - CRI≥80	1138 lm - CRI≥80	1X18W FLUO
2020R20415EL	15	4000	R2	3,90	2524 lm - CRI≥80	1691 lm - CRI≥80	2X18W FLUO
2020R20423EL	23	4000	R2	4,90	3551 lm - CRI≥80	2379 lm - CRI≥80	1X36W FLUO
2020R20428EL	28	4000	R2	6,30	4625 lm - CRI≥80	3098 lm - CRI≥80	1X58W FLUO
2020R20433EL	33	4000	R2	9,00	5390 lm - CRI≥80	3611 lm - CRI≥80	2X36W FLUO
2020R20438EL	38	4000	R2	11,30	6310 lm - CRI≥80	4227 lm - CRI≥80	2X49W FLUO
2020R20448EL	48	4000	R2	9,00	7101 lm - CRI≥80	4757 lm - CRI≥80	2X54W FLUO
2020R20460EL	60	4000	R2	11,30	8955 lm - CRI≥80	5999 lm - CRI≥80	2X58W FLUO
2020R20466EL	66	4000	R2	13,00	10780 lm - CRI≥80	7222 lm - CRI≥80	4X36W FLUO

A (mm)	B (mm)	C (mm)
165	605	90
305	605	90
165	1205	90
165	1505	90
305	1205	90
305	1505	90
305	1205	90
305	1505	90
605	1205	90

new



UGR <19



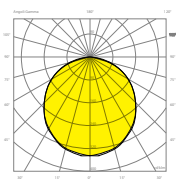
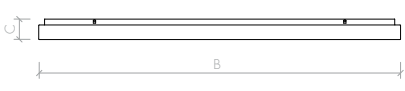
2011 BLANCA

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2011QP0432EL	32	4000	QP	3,50	5508 lm - CRI≥80	3872 lm - CRI≥80	4X18W FLUO
2011QP0448EL	48	4000	QP	3,50	7157 lm - CRI≥80	5031 lm - CRI≥80	4X24W FLUO

A (mm)	B (mm)	C (mm)
620	620	35
620	620	35



UGR <19



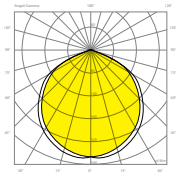
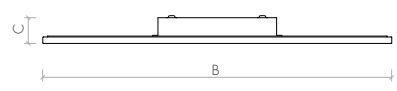
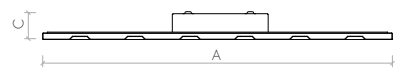
2011 BLANCA

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2011RP0410EL	10	4000	RP	1,30	1347 lm - CRI≥80	946 lm - CRI≥80	1X18W FLUO
2011RP0421EL	21	4000	RP	1,30	3188 lm - CRI≥80	2241 lm - CRI≥80	2X18W FLUO
2011RP0423EL	23	4000	RP	2,20	3372 lm - CRI≥80	2370 lm - CRI≥80	1X36W FLUO
2011RP0428EL	28	4000	RP	2,60	4438 lm - CRI≥80	3119 lm - CRI≥80	1X58W FLUO
2011RP0433EL	33	4000	RP	2,20	5390 lm - CRI≥80	3789 lm - CRI≥80	2X36W FLUO
2011RP0438EL	38	4000	RP	2,60	6524 lm - CRI≥80	4586 lm - CRI≥80	2X49W FLUO
2011RP0448EL	48	4000	RP	2,20	7101 lm - CRI≥80	4992 lm - CRI≥80	2X54W FLUO
2011RP0460EL	60	4000	RP	2,60	9249 lm - CRI≥80	6502 lm - CRI≥80	2X58W FLUO

A (mm)	B (mm)	C (mm)
150	690	35
150	690	35
150	1250	35
150	1530	35
150	1250	35
150	1530	35
150	1250	35
150	1530	35



UGR <19



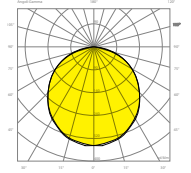
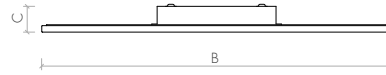
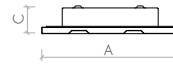
1821 VERA 2 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
1821LQ0426EL	26	4000	LQ	3,80	4083 lm - CRI≥80	3674 lm - CRI≥80	3X18W FLUO
1821LQ0432EL	32	4000	LQ	3,80	5058 lm - CRI≥80	4552 lm - CRI≥80	4X18W FLUO
1821LQ0437EL	37	4000	LQ	3,80	5547 lm - CRI≥80	4992 lm - CRI≥80	4X18W FLUO

A (mm)	B (mm)	C (mm)
595	595	60
595	595	60
595	595	60



UGR <19



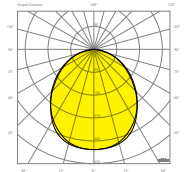
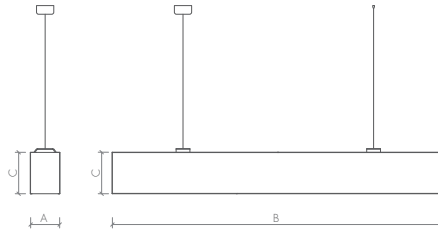
1821 VERA 2 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
1821LR0418EL	18	4000	LR	2,50	2773 lm - CRI≥80	2495 lm - CRI≥80	2X18W FLUO
1821LR0426EL	26	4000	LR	3,80	4083 lm - CRI≥80	3674 lm - CRI≥80	2X28W FLUO
1821LR0432EL	32	4000	LR	3,80	5058 lm - CRI≥80	4552 lm - CRI≥80	2X36W FLUO
1821LR0437EL	37	4000	LR	3,80	5547 lm - CRI≥80	4992 lm - CRI≥80	2X36W FLUO

A (mm)	B (mm)	C (mm)
295	595	60
295	1195	60
295	1195	60
295	1195	60



UGR <19



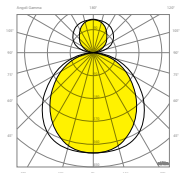
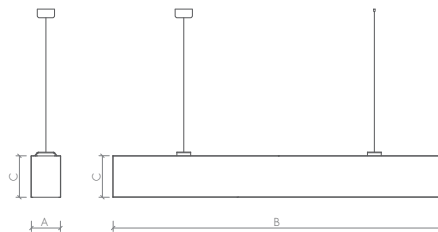
2065 FORMA

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2065PM0435EL	35	4000	PM0	4,50	5390 lm - CRI≥80	3789 lm - CRI≥80	2X36W FLUO
2065PM0443EL	43	4000	PM0	5,50	6737 lm - CRI≥80	4736 lm - CRI≥80	2X49W FLUO

A (mm)	B (mm)	C (mm)
85	1130	120
85	1410	120



UGR <19



2065 FORMA

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2065PB0452EL	52	4000	PB0	3,80	8084 lm - CRI≥80	5683 lm - CRI≥80	2X54W FLUO
2065PB0464EL	64	4000	PB0	3,80	10106 lm - CRI≥80	7104 lm - CRI≥80	2X58W FLUO

A (mm)	B (mm)	C (mm)
85	1130	120
85	1410	120



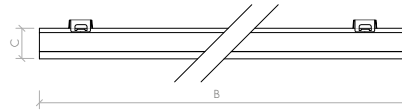
2. SHOP & RETAIL

Apparecchi LED adatti per supermercati, centri commerciali, negozi con vendita al dettaglio oppure all'ingrosso, aree di vendita espositive. Grazie alle diverse tipologie di ottiche, RG0 e CRI>80, questi apparecchi sono in grado di fornire una grande uniformità di luce negli ambienti illuminati per ottimizzare la qualità visiva sia in termini di percezione delle forme che dei colori e per esaltare le caratteristiche dei prodotti esposti nelle aree di vendita illuminate.

LED luminaires suitable for supermarkets, shopping centers, retail or wholesale stores, display areas. Thanks to the different types of optic, RG0 and CRI> 80, these fixtures are able to provide a great light uniformity to optimize the visual quality both in terms of perception of shapes and colors and to enhance the characteristics of the products exposed in lit sales areas.



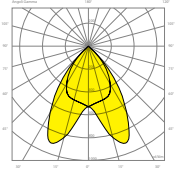
UGR <22



7 YEARS WARRANTY, CE, CRI >80, RGO, IP20, IK08, L90-B10 60.000h, L80-B50 100.000h



90°



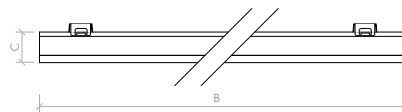
2097 MODULO 2 **new** modulo singolo / single module

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2097SM4038EL	38	4000	SM	2,50	6216 lm - CRI≥80	5221 lm - CRI≥80	2x36W FLUO
2097SM4042EL	42	4000	SM	3,00	7040 lm - CRI≥80	5913 lm - CRI≥80	2x49W FLUO
2097SM4050EL	50	4000	SM	2,50	7843 lm - CRI≥80	6588 lm - CRI≥80	2x54W FLUO
2097SM4060EL	60	4000	SM	3,00	9804 lm - CRI≥80	8235 lm - CRI≥80	2x58W FLUO

A (mm)	B (mm)	C (mm)
61	1129	72
61	1409	72
61	1129	72
61	1409	72



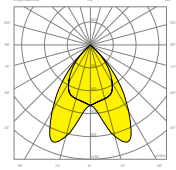
UGR <22



7 YEARS WARRANTY, CE, CRI >80, RGO, IP20, IK08, L90-B10 60.000h, L80-B50 100.000h



90°



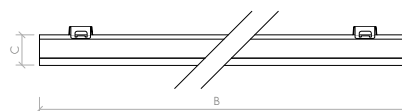
2097 MODULO 2 **new** inizio linea / row start

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2097IL4038EL	38	4000	IL	2,50	6216 lm - CRI≥80	5221 lm - CRI≥80	2x36W FLUO
2097IL4042EL	42	4000	IL	3,00	7040 lm - CRI≥80	5913 lm - CRI≥80	2x49W FLUO
2097IL4050EL	50	4000	IL	2,50	7843 lm - CRI≥80	6588 lm - CRI≥80	2x54W FLUO
2097IL4060EL	60	4000	IL	3,00	9804 lm - CRI≥80	8235 lm - CRI≥80	2x58W FLUO

A (mm)	B (mm)	C (mm)
61	1129	72
61	1409	72
61	1129	72
61	1409	72



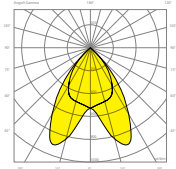
UGR <22



7 YEARS WARRANTY, CE, CRI >80, RGO, IP20, IK08, L90-B10 60.000h, L80-B50 100.000h



90°



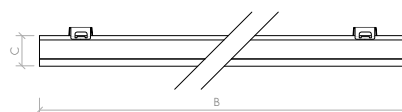
2097 MODULO 2 **new** fila continua / continuous row

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2097FC4038EL	38	4000	FC	2,50	6216 lm - CRI≥80	5221 lm - CRI≥80	2x36W FLUO
2097FC4042EL	42	4000	FC	3,00	7040 lm - CRI≥80	5913 lm - CRI≥80	2x49W FLUO
2097FC4050EL	50	4000	FC	2,50	7843 lm - CRI≥80	6588 lm - CRI≥80	2x54W FLUO
2097FC4060EL	60	4000	FC	3,00	9804 lm - CRI≥80	8235 lm - CRI≥80	2x58W FLUO

A (mm)	B (mm)	C (mm)
61	1129	72
61	1409	72
61	1129	72
61	1409	72



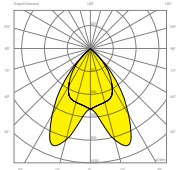
UGR <22



7 YEARS WARRANTY, CE, CRI >80, RGO, IP20, IK08, L90-B10 60.000h, L80-B50 100.000h



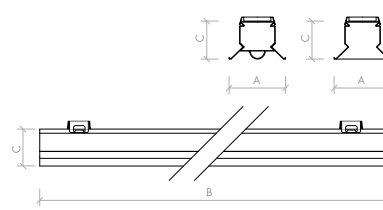
90°



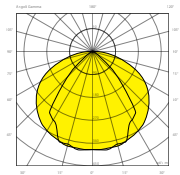
2097 MODULO 2 **new** fine linea / row end

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2097FL4038EL	38	4000	FL	2,50	6216 lm - CRI≥80	5221 lm - CRI≥80	2x36W FLUO
2097FL4042EL	42	4000	FL	3,00	7040 lm - CRI≥80	5913 lm - CRI≥80	2x49W FLUO
2097FL4050EL	50	4000	FL	2,50	7843 lm - CRI≥80	6588 lm - CRI≥80	2x54W FLUO
2097FL4060EL	60	4000	FL	3,00	9804 lm - CRI≥80	8235 lm - CRI≥80	2x58W FLUO

A (mm)	B (mm)	C (mm)
61	1129	72
61	1409	72
61	1129	72
61	1409	72



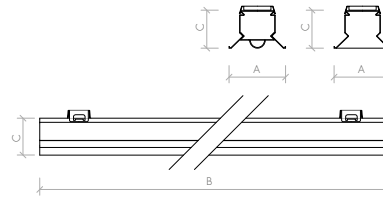
120°



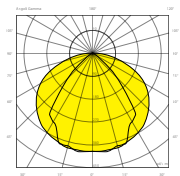
2095 LINEAR **new** modulo singolo / single module

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2095SM4018EL	18	4000	SM	1,50	3320 lm - CRI≥80	2722 lm - CRI≥80	2x18W FLUO
2095SM4037EL	37	4000	SM	2,50	6109 lm - CRI≥80	5009 lm - CRI≥80	2x36W FLUO
2095SM4048EL	48	4000	SM	2,50	7101 lm - CRI≥80	5822 lm - CRI≥80	2x54W FLUO
2095SM4051EL	51	4000	SM	3,00	8038 lm - CRI≥80	6591 lm - CRI≥80	2x49W FLUO
2095SM4060EL	60	4000	SM	3,00	9249 lm - CRI≥80	7584 lm - CRI≥80	2x58W FLUO

A (mm)	B (mm)	C (mm)
120	564	72
120	1125	72
120	1125	72
120	1405	72
120	1405	72



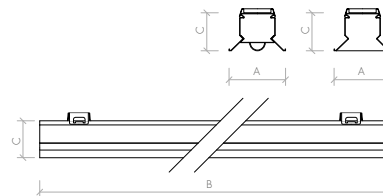
120°



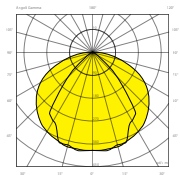
2095 LINEAR **new** inizio linea / row start

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2095IL4018EL	18	4000	IL	1,50	3320 lm - CRI≥80	2722 lm - CRI≥80	2x18W FLUO
2095IL4037EL	37	4000	IL	2,50	6109 lm - CRI≥80	5009 lm - CRI≥80	2x36W FLUO
2095IL4048EL	48	4000	IL	2,50	7101 lm - CRI≥80	5822 lm - CRI≥80	2x54W FLUO
2095IL4051EL	51	4000	IL	3,00	8038 lm - CRI≥80	6591 lm - CRI≥80	2x49W FLUO
2095IL4060EL	60	4000	IL	3,00	9249 lm - CRI≥80	7584 lm - CRI≥80	2x58W FLUO

A (mm)	B (mm)	C (mm)
120	564	72
120	1125	72
120	1125	72
120	1405	72
120	1405	72



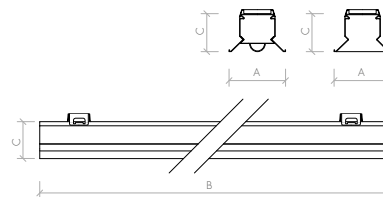
120°



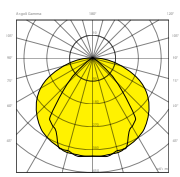
2095 LINEAR **new** fila continua / continuous row

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2095FC4018EL	18	4000	FC	1,50	3320 lm - CRI≥80	2722 lm - CRI≥80	2x18W FLUO
2095FC4037EL	37	4000	FC	2,50	6109 lm - CRI≥80	5009 lm - CRI≥80	2x36W FLUO
2095FC4048EL	48	4000	FC	2,50	7101 lm - CRI≥80	5822 lm - CRI≥80	2x54W FLUO
2095FC4051EL	51	4000	FC	3,00	8038 lm - CRI≥80	6591 lm - CRI≥80	2x49W FLUO
2095FC4060EL	60	4000	FC	3,00	9249 lm - CRI≥80	7584 lm - CRI≥80	2x58W FLUO

A (mm)	B (mm)	C (mm)
120	564	72
120	1125	72
120	1125	72
120	1405	72
120	1405	72



120°



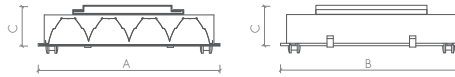
2095 LINEAR **new** fine linea / row end

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2095FL4018EL	18	4000	FL	1,50	3320 lm - CRI≥80	2722 lm - CRI≥80	2x18W FLUO
2095FL4037EL	37	4000	FL	2,50	6109 lm - CRI≥80	5009 lm - CRI≥80	2x36W FLUO
2095FL4048EL	48	4000	FL	2,50	7101 lm - CRI≥80	5822 lm - CRI≥80	2x54W FLUO
2095FL4051EL	51	4000	FL	3,00	8038 lm - CRI≥80	6591 lm - CRI≥80	2x49W FLUO
2095FL4060EL	60	4000	FL	3,00	9249 lm - CRI≥80	7584 lm - CRI≥80	2x58W FLUO

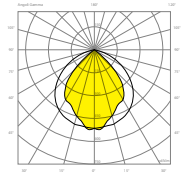
A (mm)	B (mm)	C (mm)
120	564	72
120	1125	72
120	1125	72
120	1405	72
120	1405	72



UGR <25



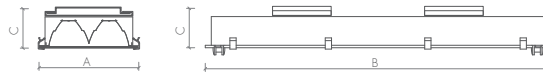
90°



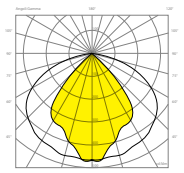
2025 SQUARE-LED

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2025QT4100EL	100	4000	QT	11,00	15695 lm - CRI≥80	13811 lm - CRI≥80	4x55W FL-C
2025QT4130EL	130	4000	QT	11,00	22229 lm - CRI≥80	19561 lm - CRI≥80	250W JM
2025QT4150EL	150	4000	QT	11,00	25500 lm - CRI≥80	22440 lm - CRI≥80	250W JM/SAP

A (mm)	B (mm)	C (mm)
665	665	110
665	665	110
665	665	110



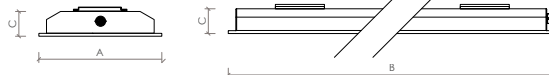
90°



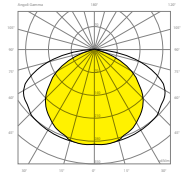
2025 SQUARE-LED

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2025RT4100EL	100	4000	RT	12,50	15695 lm - CRI≥80	13811 lm - CRI≥80	4x55W FL-C
2025RT4130EL	130	4000	RT	12,50	22229 lm - CRI≥80	19561 lm - CRI≥80	250W JM
2025RT4150EL	150	4000	RT	12,50	25500 lm - CRI≥80	22440 lm - CRI≥80	250W JM/SAP

A (mm)	B (mm)	C (mm)
365	1265	110
365	1265	110
365	1265	110



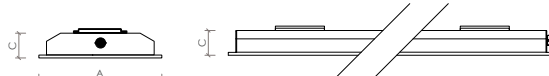
120°



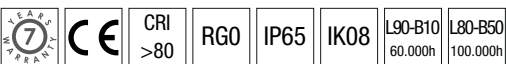
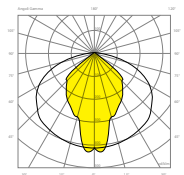
2027 ALTEA **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2027SM4200EL	200	4000	SM	12,00	33932 lm - CRI≥80	27824 lm - CRI≥80	400W JM/SAP
2027SM4240EL	240	4000	SM	14,00	42415 lm - CRI≥80	34780 lm - CRI≥80	6x80W FLUO

A (mm)	B (mm)	C (mm)
400	1270	75
400	1570	75



30°



2027 ALTEA **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2027CM4200EL	200	4000	CM	12,00	33932 lm - CRI≥80	27484 lm - CRI≥80	400W JM/SAP
2027CM4240EL	240	4000	CM	14,00	42415 lm - CRI≥80	34356 lm - CRI≥80	6x80W FLUO

A (mm)	B (mm)	C (mm)
400	1270	75
400	1570	75



3. INDUSTRIA / INDUSTRIAL

Apparecchi LED adatti per installazioni in ambienti industriali : industrie metalmeccaniche, industrie tessili, industrie automobilistiche, industrie farmaceutiche con ambienti sterili, industrie chimiche, arti grafiche e stampa, falegnamerie, officine meccaniche, carrozzerie, industrie alimentari, fiere, vivai, magazzini refrigerati, magazzini ed aree di deposito. Grazie alle svariate tipologie di ottiche e lenti ad alta riflettanza (97%), i nostri apparecchi garantiscono grande uniformità di luce emessa nell'ambiente illuminato ed un ottimo e corretto comfort visivo anti-affaticamento degli occhi, con diversi valori di UGR controllato e sistemi meccanici di antiabbagliamento e antiriflesso, in base alla tipologia e destinazione d'uso dell'ambiente applicativo, necessari per rispettare i criteri normativi richiesti al fine di preservare la salute dei lavoratori.

UNI-EN 12464-1

Valori UGR in base alla destinazione d'uso degli ambienti

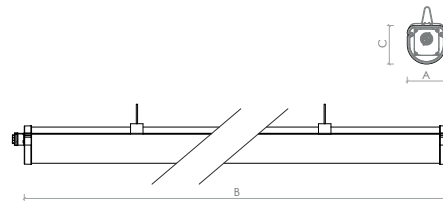
UGR	≤ 22 Applicazioni industriali, artigianato
	≤ 25 Ambienti di transito

LED luminaires suitable for installations in industrial areas: engineering, textile, automotive, chemical or pharmaceutical industries with clean rooms, graphic arts and printing, carpentry, mechanical workshops, body shops, food industries, trade fairs, nurseries, refrigerated warehouses, warehouses and storage areas. Thanks to the various types of optic and lenses with high reflectance (97%), our luminaires guarantee a great uniformity of the emitted light and an excellent, correct and anti-weariness visual comfort, with different values of UGR and anti-glare feature, according to the type and intended use of the spaces, necessary to meet the law criteria required to preserve health and safety.

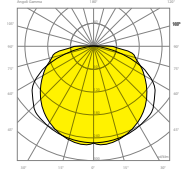
UNI-EN 12464-1

UGR values based on the intended use of the spaces

UGR	≤ 22 Industrial applications, crafts
	≤ 25 Transit areas

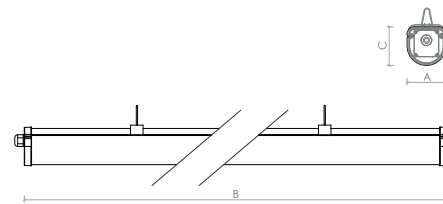


150°

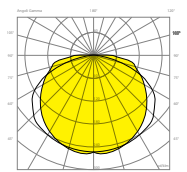


2056 DEA

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace	A (mm)	B (mm)	C (mm)
2056LD4010EL	10	4000	LD	1,30	1347 lm - CRI \geq 80	1091 lm - CRI \geq 80	1X18W FLUO	92	605	92
2056LD4022EL	22	4000	LD	1,30	3320 lm - CRI \geq 80	2689 lm - CRI \geq 80	2X18W FLUO	92	605	92
2056LD4023EL	23	4000	LD	2,20	3372 lm - CRI \geq 80	2731 lm - CRI \geq 80	1X36W FLUO	92	1155	92
2056LD4028EL	28	4000	LD	3,50	4438 lm - CRI \geq 80	3594 lm - CRI \geq 80	1X58W FLUO	92	1455	92
2056LD4037EL	37	4000	LD	2,20	6109 lm - CRI \geq 80	4948 lm - CRI \geq 80	2X36W FLUO	92	1155	92
new 2056LD4046EL	46	4000	LD	2,20	8142 lm - CRI \geq 80	6595 lm - CRI \geq 80	2X36W FLUO	92	1155	92
2056LD4050EL	50	4000	LD	2,20	8208 lm - CRI \geq 80	6648 lm - CRI \geq 80	2X54W FLUO	92	1155	92
2056LD4051EL	51	4000	LD	3,50	8038 lm - CRI \geq 80	6510 lm - CRI \geq 80	2X49W FLUO	92	1455	92
2056LD4060EL	60	4000	LD	3,50	9249 lm - CRI \geq 80	7491 lm - CRI \geq 80	2X58W FLUO	92	1455	92
new 2056LD4062EL	62	4000	LD	3,50	11019 lm - CRI \geq 80	8925 lm - CRI \geq 80	2X58W FLUO	92	1455	92
2056LD4068EL	68	4000	LD	3,50	11152 lm - CRI \geq 80	9033 lm - CRI \geq 80	2X80W FLUO	92	1455	92
new 2056LD4072EL	72	4000	LD	3,50	11856 lm - CRI \geq 80	9603 lm - CRI \geq 80	2X80W FLUO	92	1455	92

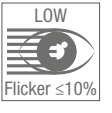
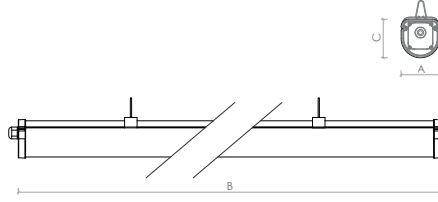


150°

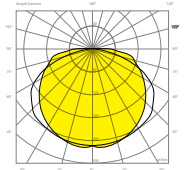


2059 DEA 2

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace	A (mm)	B (mm)	C (mm)
2059LD4010EL	10	4000	LD	1,30	1347 lm - CRI \geq 80	1091 lm - CRI \geq 80	1X18W FLUO	92	605	92
2059LD4022EL	22	4000	LD	1,30	3320 lm - CRI \geq 80	2689 lm - CRI \geq 80	2X18W FLUO	92	605	92
2059LD4023EL	23	4000	LD	2,20	3372 lm - CRI \geq 80	2731 lm - CRI \geq 80	1X36W FLUO	92	1155	92
2059LD4028EL	28	4000	LD	3,50	4438 lm - CRI \geq 80	3594 lm - CRI \geq 80	1X58W FLUO	92	1455	92
2059LD4037EL	37	4000	LD	2,20	6109 lm - CRI \geq 80	4948 lm - CRI \geq 80	2X36W FLUO	92	1155	92
new 2059LD4046EL	46	4000	LD	2,20	8142 lm - CRI \geq 80	6595 lm - CRI \geq 80	2X36W FLUO	92	1155	92
2059LD4050EL	50	4000	LD	2,20	8208 lm - CRI \geq 80	6648 lm - CRI \geq 80	2X54W FLUO	92	1155	92
2059LD4051EL	51	4000	LD	3,50	8038 lm - CRI \geq 80	6510 lm - CRI \geq 80	2X49W FLUO	92	1455	92
2059LD4060EL	60	4000	LD	3,50	9249 lm - CRI \geq 80	7491 lm - CRI \geq 80	2X58W FLUO	92	1455	92
new 2059LD4062EL	62	4000	LD	3,50	11019 lm - CRI \geq 80	8925 lm - CRI \geq 80	2X58W FLUO	92	1455	92
2059LD4068EL	68	4000	LD	3,50	11152 lm - CRI \geq 80	9033 lm - CRI \geq 80	2X80W FLUO	92	1455	92
new 2059LD4072EL	72	4000	LD	3,50	11856 lm - CRI \geq 80	9603 lm - CRI \geq 80	2X80W FLUO	92	1455	92



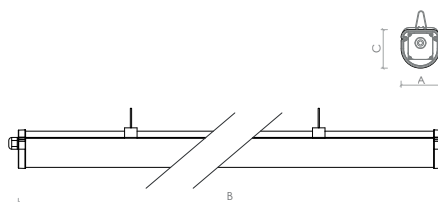
150°



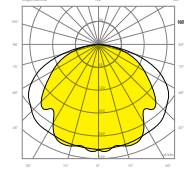
2054 DEA 3 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2054LD4009EL	9	4000	LD	1,30	1347 lm - CRI≥80	1091 lm - CRI≥80	1X18W FLUO
2054LD4019EL	19	4000	LD	1,30	2695 lm - CRI≥80	2182 lm - CRI≥80	2X18W FLUO
2054LD4020EL	20	4000	LD	2,20	2695 lm - CRI≥80	2182 lm - CRI≥80	1X36W FLUO
2054LD4024EL	24	4000	LD	3,50	3369 lm - CRI≥80	2728 lm - CRI≥80	1X58W FLUO
2054LD4036EL	36	4000	LD	2,20	5390 lm - CRI≥80	4365 lm - CRI≥80	2X36W FLUO
2054LD4042EL	42	4000	LD	2,20	6737 lm - CRI≥80	5456 lm - CRI≥80	2X54W FLUO
2054LD4054EL	54	4000	LD	3,50	8200 lm - CRI≥80	6642 lm - CRI≥80	2X58W FLUO

A (mm)	B (mm)	C (mm)
92	605	92
92	605	92
92	1155	92
92	1455	92
92	1155	92
92	1455	92
92	1455	92



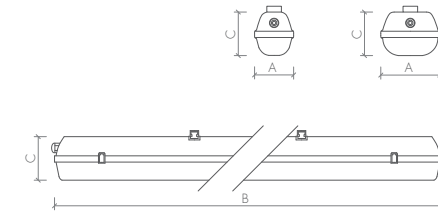
150°



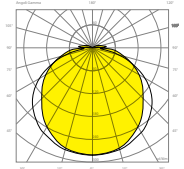
2053 DEA 4

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2053LD4010EL	10	4000	LD	1,30	1347 lm - CRI≥80	1104 lm - CRI≥80	1X18W FLUO
2053LD4022EL	22	4000	LD	1,30	3320 lm - CRI≥80	2722 lm - CRI≥80	2X18W FLUO
2053LD4023EL	23	4000	LD	2,20	3372 lm - CRI≥80	2765 lm - CRI≥80	1X36W FLUO
2053LD4028EL	28	4000	LD	3,50	4438 lm - CRI≥80	3639 lm - CRI≥80	1X58W FLUO
2053LD4037EL	37	4000	LD	2,20	6109 lm - CRI≥80	5009 lm - CRI≥80	2X36W FLUO
2053LD4050EL	50	4000	LD	2,20	8208 lm - CRI≥80	6730 lm - CRI≥80	2X54W FLUO
2053LD4051EL	51	4000	LD	3,50	8038 lm - CRI≥80	6591 lm - CRI≥80	2X49W FLUO
2053LD4060EL	60	4000	LD	3,50	9249 lm - CRI≥80	7584 lm - CRI≥80	2X58W FLUO
2053LD4068EL	68	4000	LD	3,50	11152 lm - CRI≥80	9144 lm - CRI≥80	2X80W FLUO

A (mm)	B (mm)	C (mm)
92	605	92
92	605	92
92	1155	92
92	1455	92
92	1155	92
92	1155	92
92	1455	92
92	1455	92
92	1455	92



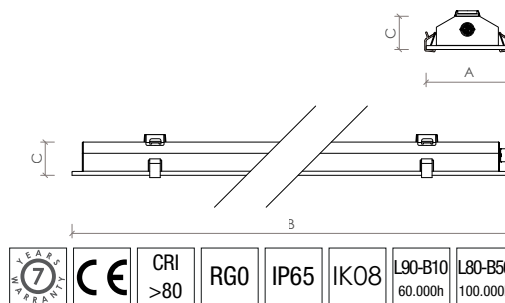
150°



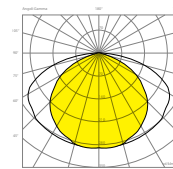
2057 UNICA 2 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2057LD4009EL	9	4000	LD	1,30	1347 lm - CRI≥80	1077 lm - CRI≥80	1X18W FLUO
2057LD4019EL	19	4000	LD	1,30	2695 lm - CRI≥80	2156 lm - CRI≥80	2X18W FLUO
2057LD4020EL	20	4000	LD	2,20	2695 lm - CRI≥80	2156 lm - CRI≥80	1X36W FLUO
2057LD4024EL	24	4000	LD	3,50	3369 lm - CRI≥80	2695 lm - CRI≥80	1X58W FLUO
2057LD4036EL	36	4000	LD	2,20	5390 lm - CRI≥80	4312 lm - CRI≥80	2X36W FLUO
2057LD4042EL	42	4000	LD	2,20	6737 lm - CRI≥80	5389 lm - CRI≥80	2X54W FLUO
2057LD4050EL	50	4000	LD	2,20	8208 lm - CRI≥80	6566 lm - CRI≥80	2X54W FLUO
2057LD4054EL	54	4000	LD	3,50	8200 lm - CRI≥80	6560 lm - CRI≥80	2X58W FLUO

A (mm)	B (mm)	C (mm)
145	662	100
145	662	100
95	1272	100
95	1572	100
145	1275	100
145	1272	100
145	1272	100
145	1572	100



150°

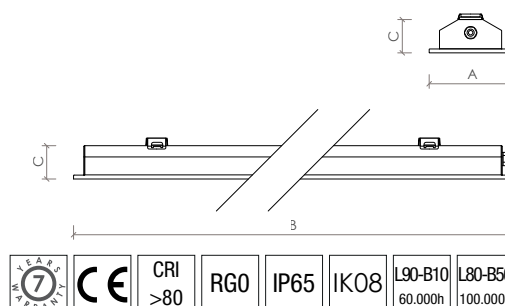


2058 MINERVA

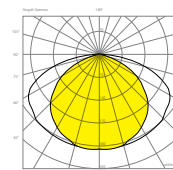
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2058VT4010EL	10	4000	VT	5,50	1347 lm - CRI≥80	1104 lm - CRI≥80	1X18W FLUO
2058VT4021EL	21	4000	VT	5,50	3188 lm - CRI≥80	2614 lm - CRI≥80	2X18W FLUO
2058VT4023EL	23	4000	VT	6,50	3372 lm - CRI≥80	2765 lm - CRI≥80	1X36W FLUO
2058VT4028EL	28	4000	VT	7,50	4438 lm - CRI≥80	3639 lm - CRI≥80	1X58W FLUO
2058VT4037EL	37	4000	VT	6,50	6109 lm - CRI≥80	5009 lm - CRI≥80	2X36W FLUO
2058VT4050EL	50	4000	VT	6,50	8208 lm - CRI≥80	6730 lm - CRI≥80	2X54W FLUO
2058VT4051EL	51	4000	VT	7,50	8038 lm - CRI≥80	6591 lm - CRI≥80	2X49W FLUO
2058VT4060EL	60	4000	VT	7,50	9249 lm - CRI≥80	7584 lm - CRI≥80	2X58W FLUO
2058VT4068EL	68	4000	VT	7,50	11152 lm - CRI≥80	9144 lm - CRI≥80	2X80W FLUO
new 2058VT4100EL	100	4000	VT	6,50	16416 lm - CRI≥80	13461 lm - CRI≥80	4X54W FLUO
new 2058VT4120EL	120	4000	VT	7,50	18498 lm - CRI≥80	15168 lm - CRI≥80	4X58W FLUO

A (mm)	B (mm)	C (mm)
185	660	75
185	660	75
185	1270	75
185	1570	75
185	1270	75
185	1270	75
185	1570	75
185	1570	75
185	1570	75
185	1270	75
185	1570	75

new
new



150°



2052 MINERVA INOX

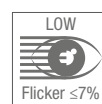
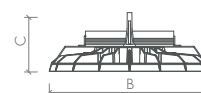
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2052VT4010EL	10	4000	VT	5,50	1347 lm - CRI≥80	1104 lm - CRI≥80	1X18W FLUO
2052VT4021EL	21	4000	VT	5,50	3188 lm - CRI≥80	2614 lm - CRI≥80	2X18W FLUO
2052VT4023EL	23	4000	VT	6,50	3372 lm - CRI≥80	2765 lm - CRI≥80	1X36W FLUO
2052VT4028EL	28	4000	VT	7,50	4438 lm - CRI≥80	3639 lm - CRI≥80	1X58W FLUO
2052VT4037EL	37	4000	VT	6,50	6109 lm - CRI≥80	5009 lm - CRI≥80	2X36W FLUO
2052VT4050EL	50	4000	VT	6,50	8208 lm - CRI≥80	6730 lm - CRI≥80	2X54W FLUO
2052VT4051EL	51	4000	VT	7,50	8038 lm - CRI≥80	6591 lm - CRI≥80	2X49W FLUO
2052VT4060EL	60	4000	VT	7,50	9249 lm - CRI≥80	7584 lm - CRI≥80	2X58W FLUO
2052VT4068EL	68	4000	VT	7,50	11152 lm - CRI≥80	9144 lm - CRI≥80	2X80W FLUO
new 2052VT4100EL	100	4000	VT	6,50	16416 lm - CRI≥80	13461 lm - CRI≥80	4X54W FLUO
new 2052VT4120EL	120	4000	VT	7,50	18498 lm - CRI≥80	15168 lm - CRI≥80	4X58W FLUO

A (mm)	B (mm)	C (mm)
185	660	75
185	660	75
185	1270	75
185	1570	75
185	1270	75
185	1270	75
185	1570	75
185	1570	75
185	1570	75
185	1270	75
185	1570	75

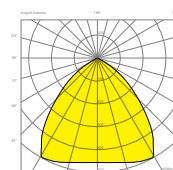
new
new



UGR
<math>< 25</math>



90°



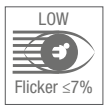
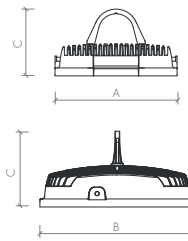
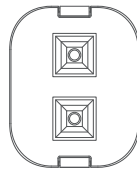
8110 SPIDERLED 2

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8110SU4080GL	80	4000	SU	7,00	10911 lm - CRI≥80	8925 lm - CRI≥80	150W JM/SAP
8110SU4120GL	120	4000	SU	7,00	18120 lm - CRI≥80	14822 lm - CRI≥80	250W JM
8110SU4145GL	145	4000	SU	7,00	20623 lm - CRI≥80	16869 lm - CRI≥80	250W JM/SAP
8110SU4195GL	195	4000	SU	7,00	26054 lm - CRI≥80	21312 lm - CRI≥80	400W JM/SAP

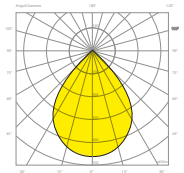
A (mm)	B (mm)	C (mm)
400	400	210
400	400	210
400	400	210
400	400	210



UGR <22



90°



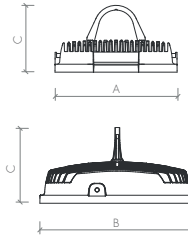
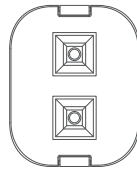
8036 LORD 2 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8036S24130GL	130	4000	S2	6,50	21403 lm - CRI≥80	16278 lm - CRI≥80	250W JM/SAP
8036S24150GL	150	4000	S2	6,50	24559 lm - CRI≥80	18678 lm - CRI≥80	250W JM/SAP
8036S24185GL	185	4000	S2	6,50	29292 lm - CRI≥80	22278 lm - CRI≥80	400W JM

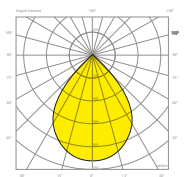
A (mm)	B (mm)	C (mm)
300	375	170
300	375	170
300	375	170



UGR <25



90°



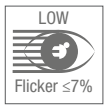
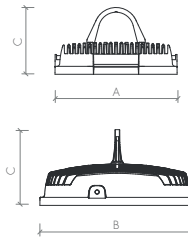
8036 LORD 2 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8036S54130GL	130	4000	S5	6,50	21403 lm - CRI≥80	16986 lm - CRI≥80	250W JM/SAP
8036S54150GL	150	4000	S5	6,50	24559 lm - CRI≥80	19490 lm - CRI≥80	250W JM/SAP
8036S54185GL	185	4000	S5	6,50	29292 lm - CRI≥80	23246 lm - CRI≥80	400W JM

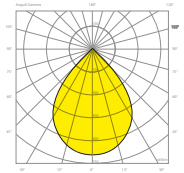
A (mm)	B (mm)	C (mm)
300	375	170
300	375	170
300	375	170



UGR <22



90°



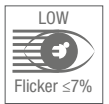
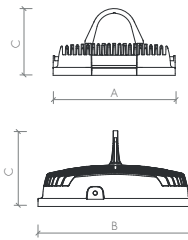
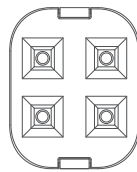
8037 LORD HP **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8037S24080GL	80	4000	S2	6,50	15455 lm - CRI≥80	11753 lm - CRI≥80	150W JM/SAP
8037S24120GL	120	4000	S2	6,50	23498 lm - CRI≥80	17871 lm - CRI≥80	250W JM/SAP
8037S24150GL	150	4000	S2	6,50	28405 lm - CRI≥80	21603 lm - CRI≥80	250W JM/SAP
8037S24185GL	185	4000	S2	6,50	33622 lm - CRI≥80	25571 lm - CRI≥80	400W JM/SAP

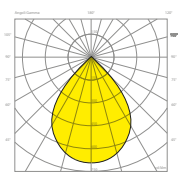
A (mm)	B (mm)	C (mm)
300	375	170
300	375	170
300	375	170
300	375	170



UGR <25



90°

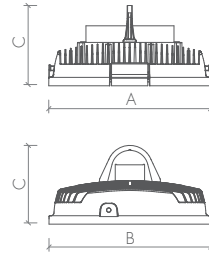
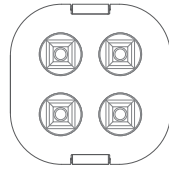


8037 LORD HP **new**

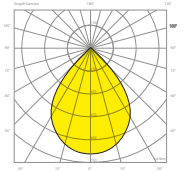
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8037S54080GL	80	4000	S5	6,50	15455 lm - CRI≥80	12264 lm - CRI≥80	150W JM/SAP
8037S54120GL	120	4000	S5	6,50	23498 lm - CRI≥80	18648 lm - CRI≥80	250W JM/SAP
8037S54150GL	150	4000	S5	6,50	28405 lm - CRI≥80	22542 lm - CRI≥80	250W JM/SAP
8037S54185GL	185	4000	S5	6,50	33622 lm - CRI≥80	26683 lm - CRI≥80	400W JM/SAP

A (mm)	B (mm)	C (mm)
300	375	170
300	375	170
300	375	170
300	375	170

UGR <22



90°

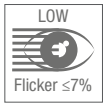
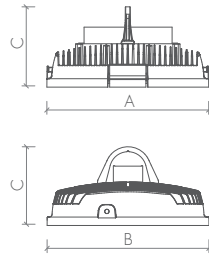
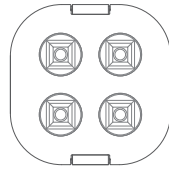


8032 LORD 4 **new**

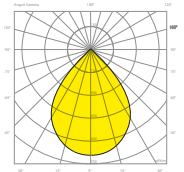
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8032S24150GL	150	4000	S2	9,00	28405 lm - CRI≥80	21602 lm - CRI≥80	250W JM/SAP
8032S24175GL	175	4000	S2	9,00	31898 lm - CRI≥80	24259 lm - CRI≥80	400W JM
8032S24200GL	200	4000	S2	9,00	35331 lm - CRI≥80	26870 lm - CRI≥80	400W JM/SAP
8032S24230GL	230	4000	S2	9,00	39530 lm - CRI≥80	30063 lm - CRI≥80	400W JM/SAP
8032S24280GL	280	4000	S2	9,70	46005 lm - CRI≥80	34987 lm - CRI≥80	2x250W JM/SAP

A (mm)	B (mm)	C (mm)
375	375	230
375	375	230
375	375	230
375	375	230
375	375	250

UGR <25



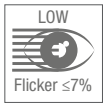
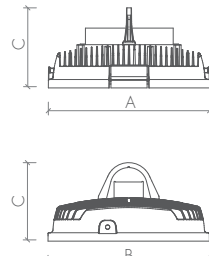
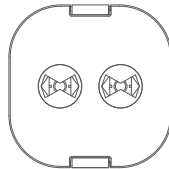
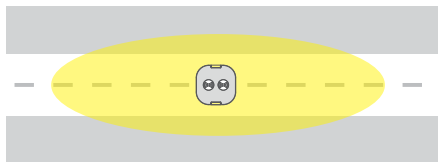
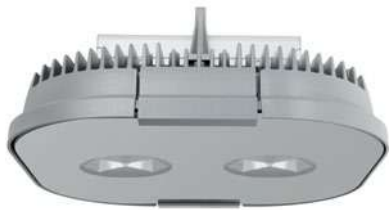
90°



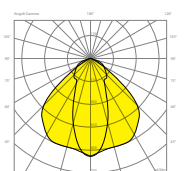
8032 LORD 4 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8032S54150GL	150	4000	S5	9,00	28405 lm - CRI≥80	22542 lm - CRI≥80	250W JM/SAP
8032S54175GL	175	4000	S5	9,00	31898 lm - CRI≥80	25314 lm - CRI≥80	400W JM
8032S54200GL	200	4000	S5	9,00	35331 lm - CRI≥80	28038 lm - CRI≥80	400W JM/SAP
8032S54230GL	230	4000	S5	9,00	39530 lm - CRI≥80	31370 lm - CRI≥80	400W JM/SAP
8032S54280GL	280	4000	S5	9,70	46005 lm - CRI≥80	36508 lm - CRI≥80	2x250W JM/SAP

A (mm)	B (mm)	C (mm)
375	375	230
375	375	230
375	375	230
375	375	230
375	375	250



90°
30°



8031 LORD ELLIT (elliptical optic)

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8031EL4080GL	80	4000	EL	8,70	13809 lm - CRI≥80	10535 lm - CRI≥80	150W JM/SAP
8031EL4115GL	115	4000	EL	8,70	18682 lm - CRI≥80	14252 lm - CRI≥80	250W JM/SAP
8031EL4120GL	120	4000	EL	8,70	20589 lm - CRI≥80	15707 lm - CRI≥80	250W JM/SAP
8031EL4150GL	150	4000	EL	8,70	24559 lm - CRI≥80	18736 lm - CRI≥80	250W JM/SAP
8031EL4185GL	185	4000	EL	9,00	29834 lm - CRI≥80	22758 lm - CRI≥80	400W JM/SAP
8031EL4200GL	200	4000	EL	9,00	31858 lm - CRI≥80	24294 lm - CRI≥80	400W JM/SAP

A (mm)	B (mm)	C (mm)
375	375	230
375	375	230
375	375	230
375	375	230
375	375	250
375	375	250



4. PROIETTORI / FLOODLIGHT

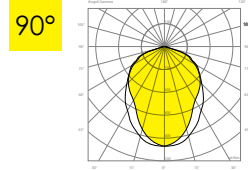
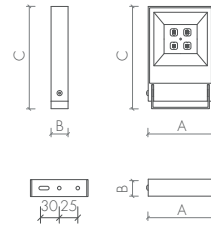
Proiettori LED adatti per installazioni in ambienti sportivi quali : campi da tennis, campi da calcio, campi da calcetto, campi da basket, campi da pallavolo, piscine, palestre in genere; ed adatti per installazioni outdoor quali : illuminazione perimetrali capannoni industriali, piazzali, torri faro, illuminazioni urbane ed architetture : ponti, facciate, monumenti e per illuminazioni di ambientazioni paesaggistiche.

Prodotti con led CRI>80, RG0 e 3-step MacAdam, i nostri proiettori garantiscono alte prestazioni in termini di efficienza, resa luminosa e resa cromatica anche grazie alle svariate tipologie di ottiche ad alta (97%) riflettanza che garantiscono una perfetta uniformità d'illuminamento, oltre che dove necessario una precisa regolazione della direzione ed angolatura della luce emessa. La nostra gamma è completa al 100% e va dal proiettore più SLIM da 15W fino ad arrivare al proiettore più BIG da 1350W, passando per tutte le taglie intermedie al fine di poter sostituire dal 50W alogeno al 2000W JM e per poter soddisfare qualsiasi richiesta progettuale.

LED floodlights suitable for installations in sports areas such as: tennis courts, soccer fields, basketball courts, volleyball courts, swimming pools, gyms in general.

Suitable also for outdoor installations such as: industrial halls perimeter lighting, squares, light towers, urban and architectural lighting (bridges, facades, monuments) and for lighting of landscape settings.

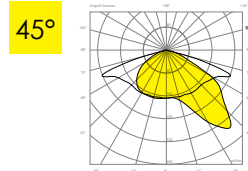
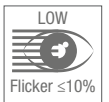
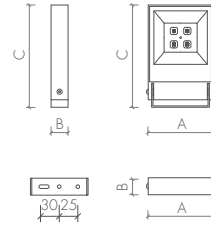
Manufactured with CRI> 80, RG0 and 3-step MacAdam LEDs, our projectors guarantee high performance in terms of efficiency, light output and color rendering, thanks to the various types of high reflectance optics (97%) that ensure perfect uniformity of illumination, as well as, where necessary, a precise regulation of the direction and angle of the emitted light. Our range is 100% complete and it goes from the slimmest 15W projector up to the most powerful 1350W projector, passing through all the intermediate sizes, in order to be able to replace from 50W halogen to 2000W metal JM and to satisfy any design request.



7024 MICRO

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
7024PR4020EL ●	20	4000	PR	0,50	3060 lm - CRI≥80	2417 lm - CRI≥80	200W ALO
7024PR4020GL ●	20	4000	PR	0,50	3060 lm - CRI≥80	2417 lm - CRI≥80	200W ALO
7024PR4020BL ○	20	4000	PR	0,50	3060 lm - CRI≥80	2417 lm - CRI≥80	200W ALO

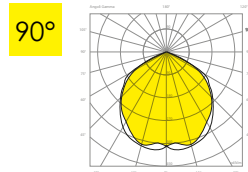
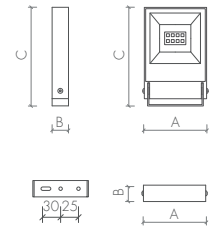
A (mm)	B (mm)	C (mm)
95	25	155
95	25	155
95	25	155



7024 MICRO

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
7024AR4020EL ●	20	4000	AR	0,50	3060 lm - CRI≥80	2295 lm - CRI≥80	200W ALO
7024AR4020GL ●	20	4000	AR	0,50	3060 lm - CRI≥80	2295 lm - CRI≥80	200W ALO
7024AR4020BL ○	20	4000	AR	0,50	3060 lm - CRI≥80	2295 lm - CRI≥80	200W ALO

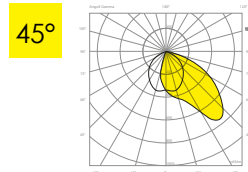
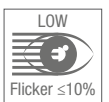
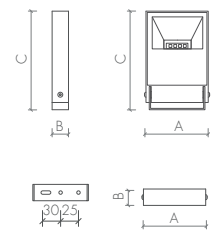
A (mm)	B (mm)	C (mm)
95	25	155
95	25	155
95	25	155



7025 MICRO 2 new

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
7025PR4030EL ●	30	4000	PR	0,50	4500 lm - CRI≥80	3330 lm - CRI≥80	300W ALO
7025PR4030GL ●	30	4000	PR	0,50	4500 lm - CRI≥80	3330 lm - CRI≥80	300W ALO
7025PR4030BL ○	30	4000	PR	0,50	4500 lm - CRI≥80	3330 lm - CRI≥80	300W ALO

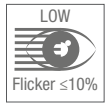
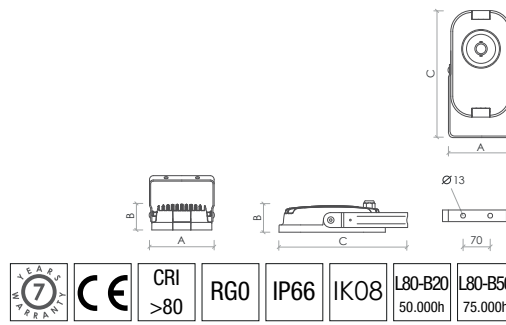
A (mm)	B (mm)	C (mm)
95	25	155
95	25	155
95	25	155



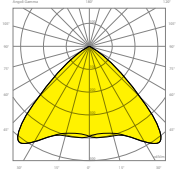
7025 MICRO 2 new

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
7025AR4030EL ●	30	4000	AR	0,50	4500 lm - CRI≥80	3150 lm - CRI≥80	300W ALO
7025AR4030GL ●	30	4000	AR	0,50	4500 lm - CRI≥80	3150 lm - CRI≥80	300W ALO
7025AR4030BL ○	30	4000	AR	0,50	4500 lm - CRI≥80	3150 lm - CRI≥80	300W ALO

A (mm)	B (mm)	C (mm)
95	25	155
95	25	155
95	25	155



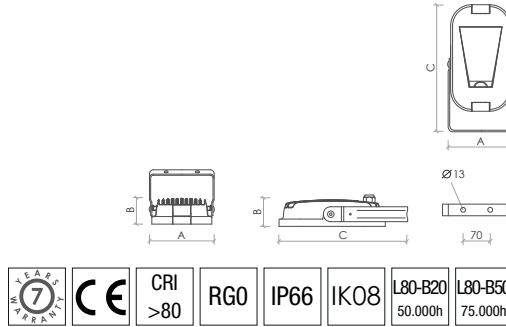
110°



8029 LORDINO

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8029PR4040GL	40	4000	PR	2,00	5827 lm - CRI≥80	4514 lm - CRI≥80	70W JM/SAP
8029PR4050GL	50	4000	PR	2,00	7081 lm - CRI≥80	5485 lm - CRI≥80	500W ALO
new 8029PR4068GL	68	4000	PR	2,00	9845 lm - CRI≥80	7626 lm - CRI≥80	≈150W JM

A (mm)	B (mm)	C (mm)
180	65	330
180	65	330
180	65	330



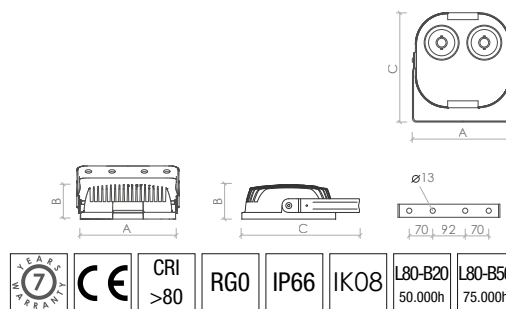
45°



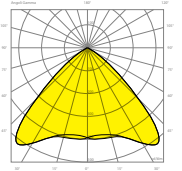
8029 LORDINO

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8029AR4040GL	40	4000	AR	2,00	5827 lm - CRI≥80	4404 lm - CRI≥80	70W JM/SAP
8029AR4050GL	50	4000	AR	2,00	7081 lm - CRI≥80	5352 lm - CRI≥80	500W ALO
new 8029AR4068GL	68	4000	AR	2,00	9845 lm - CRI≥80	7440 lm - CRI≥80	≈150W JM

A (mm)	B (mm)	C (mm)
180	65	330
180	65	330
180	65	330



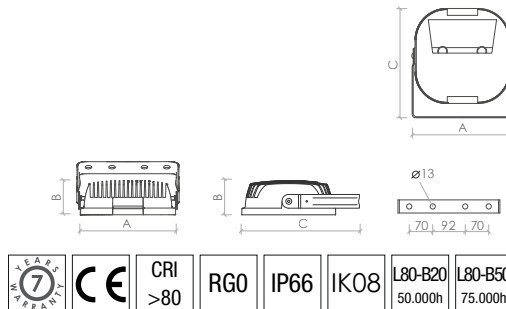
110°



8034 LITTLE-LORD

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8034PR4080GL	80	4000	PR	4,90	12420 lm - CRI≥80	9621 lm - CRI≥80	150W JM/SAP
8034PR4100GL	100	4000	PR	4,90	14163 lm - CRI≥80	10972 lm - CRI≥80	150W JM/SAP
new 8034PR4120GL	120	4000	PR	4,90	18682 lm - CRI≥80	14473 lm - CRI≥80	250W JM/SAP
8034PR4130GL	130	4000	PR	4,90	20181 lm - CRI≥80	15634 lm - CRI≥80	250W JM/SAP

A (mm)	B (mm)	C (mm)
295	100	355
295	100	355
295	100	355
295	100	355



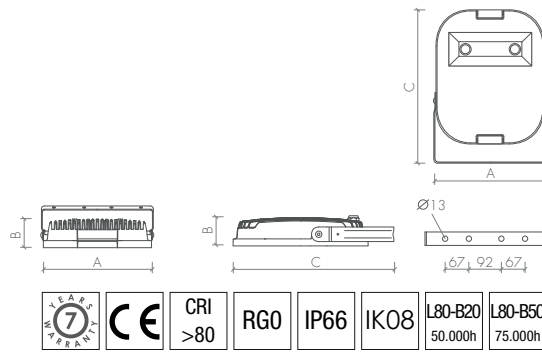
45°



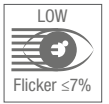
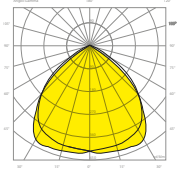
8034 LITTLE-LORD

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8034AR4080GL	80	4000	AR	4,90	12420 lm - CRI≥80	9387 lm - CRI≥80	150W JM/SAP
8034AR4100GL	100	4000	AR	4,90	14163 lm - CRI≥80	10704 lm - CRI≥80	150W JM/SAP
new 8034AR4120GL	120	4000	AR	4,90	18682 lm - CRI≥80	14120 lm - CRI≥80	250W JM/SAP
8034AR4130GL	130	4000	AR	4,90	20181 lm - CRI≥80	15252 lm - CRI≥80	250W JM/SAP

A (mm)	B (mm)	C (mm)
295	100	355
295	100	355
295	100	355
295	100	355



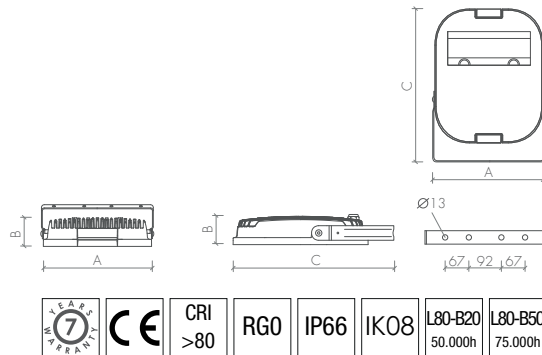
90°



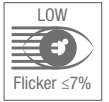
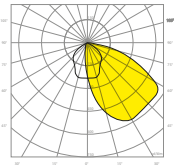
8036 LORD 2 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8036PR4150GL	150	4000	PR	6,50	24559 lm - CRI≥80	19698 lm - CRI≥80	250W JM/SAP
8036PR4185GL	185	4000	PR	6,50	29292 lm - CRI≥80	23495 lm - CRI≥80	400W JM

A (mm)	B (mm)	C (mm)
315	85	445
315	85	445



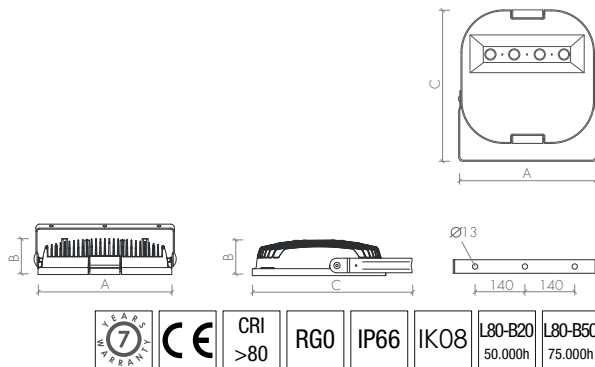
45°



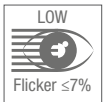
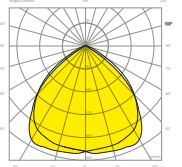
8036 LORD 2 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8036AR4150GL	150	4000	AR	6,50	24559 lm - CRI≥80	17866 lm - CRI≥80	250W JM/SAP
8036AR4185GL	185	4000	AR	6,50	29292 lm - CRI≥80	21309 lm - CRI≥80	400W JM

A (mm)	B (mm)	C (mm)
315	85	445
315	85	445



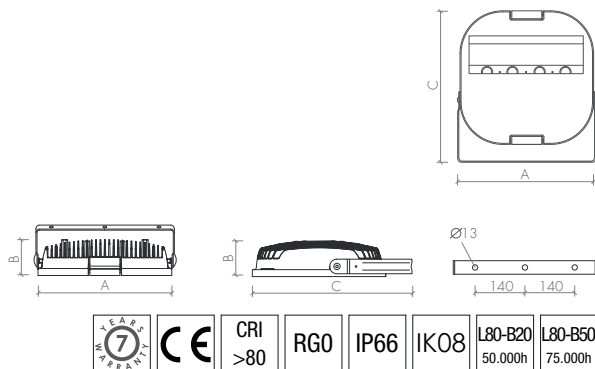
90°



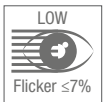
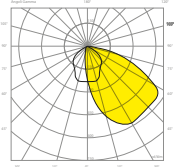
8033 LORD 3 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8033PR4200GL	200	4000	PR	9,00	35331 lm - CRI≥80	28372 lm - CRI≥80	400W JM/SAP
8033PR4230GL	230	4000	PR	9,00	39530 lm - CRI≥80	31744 lm - CRI≥80	400W JM/SAP

A (mm)	B (mm)	C (mm)
395	105	455
395	105	455



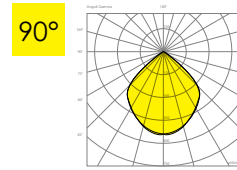
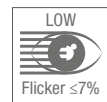
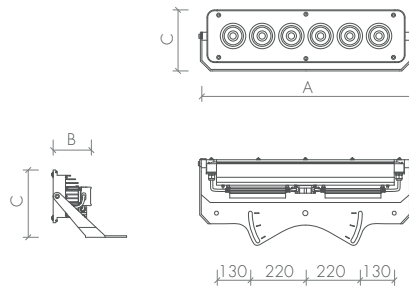
45°



8033 LORD 3 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8033AR4200GL	200	4000	AR	9,00	35331 lm - CRI≥80	26703 lm - CRI≥80	400W JM/SAP
8033AR4230GL	230	4000	AR	9,00	39530 lm - CRI≥80	29876 lm - CRI≥80	400W JM/SAP

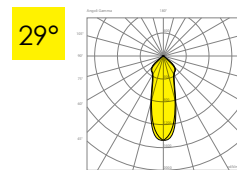
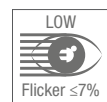
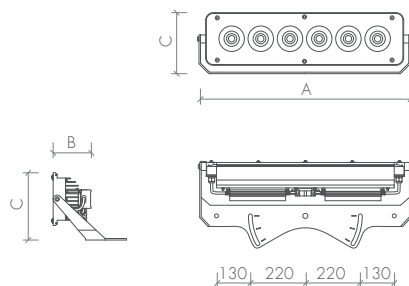
A (mm)	B (mm)	C (mm)
395	105	455
395	105	455



8056 MAXI-LORD

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8056PM4380GL	380	4000	PM	15,00	62992 lm - CRI≥80	44634 lm - CRI≥80	2X400W JM/SAP
8056PM4450GL	450	4000	PM	15,00	72522 lm - CRI≥80	51386 lm - CRI≥80	1000W JM/SAP

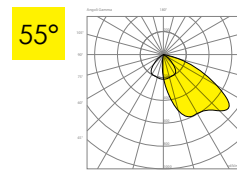
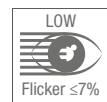
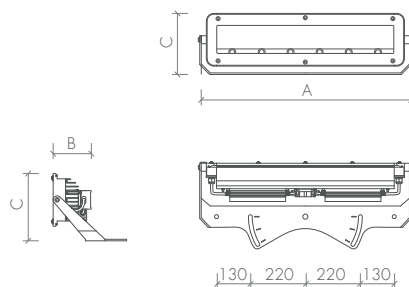
A (mm)	B (mm)	C (mm)
735	155	255
735	155	255



8056 MAXI-LORD

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8056CR4380GL	380	4000	CR	15,00	62992 lm - CRI≥80	48502 lm - CRI≥80	2X400W JM/SAP
8056CR4450GL	450	4000	CR	15,00	72522 lm - CRI≥80	55839 lm - CRI≥80	1000W JM/SAP

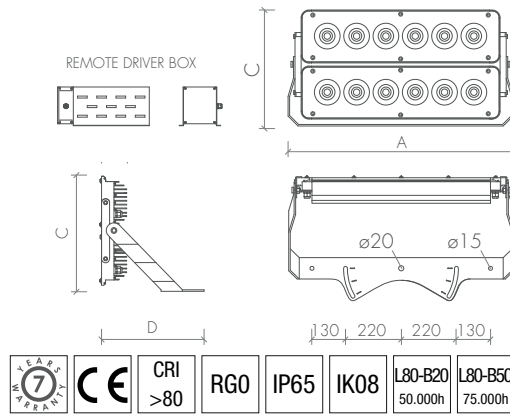
A (mm)	B (mm)	C (mm)
735	155	255
735	155	255



8056 MAXI-LORD

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8056AR4380GL	380	4000	AR	15,00	62992 lm - CRI≥80	47609 lm - CRI≥80	2X400W JM/SAP
8056AR4450GL	450	4000	AR	15,00	72522 lm - CRI≥80	54812 lm - CRI≥80	1000W JM/SAP

A (mm)	B (mm)	C (mm)
735	155	255
735	155	255

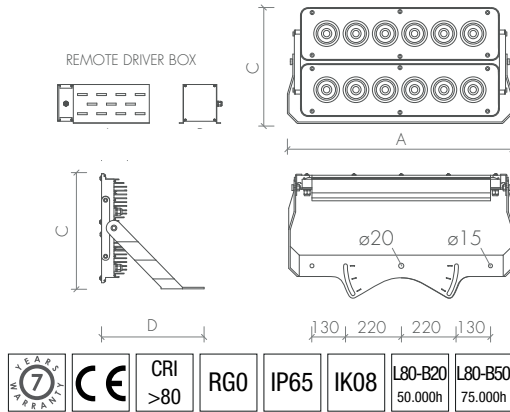


8057 MEGA-LORD

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8057PM4600GL	600	4000	PM	26,00	105993 lm - CRI≥80	75103 lm - CRI≥80	1000W JM/SAP
8057PM4900GL	900	4000	PM	28,00	153562 lm - CRI≥80	108765 lm - CRI≥80	2000W JM
8057PM4600GR	600	4000	PM	21,00	105993 lm - CRI≥80	75103 lm - CRI≥80	1000W JM/SAP
8057PM4900GR	900	4000	PM	23,00	153562 lm - CRI≥80	108765 lm - CRI≥80	2000W JM

A (mm)	B (mm)	C (mm)
720	155	455
720	155	455
720	105	455
720	105	455

GR = Driver remoto / Remote driver

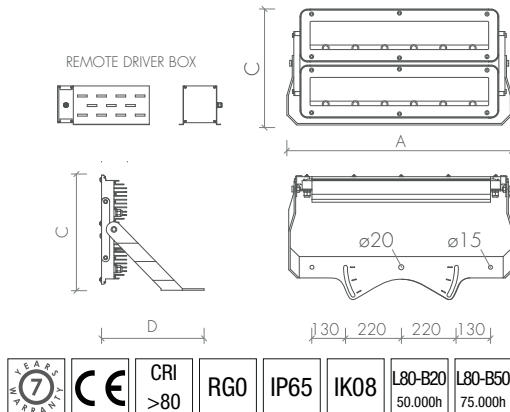


8057 MEGA-LORD

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8057CR4600GL	600	4000	CR	26,00	105993 lm - CRI≥80	81612 lm - CRI≥80	1000W JM/SAP
8057CR4900GL	900	4000	CR	28,00	153562 lm - CRI≥80	118191 lm - CRI≥80	2000W JM
8057CR4600GR	600	4000	CR	21,00	105993 lm - CRI≥80	81612 lm - CRI≥80	1000W JM/SAP
8057CR4900GR	900	4000	CR	23,00	153562 lm - CRI≥80	118191 lm - CRI≥80	2000W JM

A (mm)	B (mm)	C (mm)
720	155	455
720	155	455
720	105	455
720	105	455

GR = Driver remoto / Remote driver

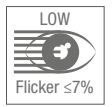
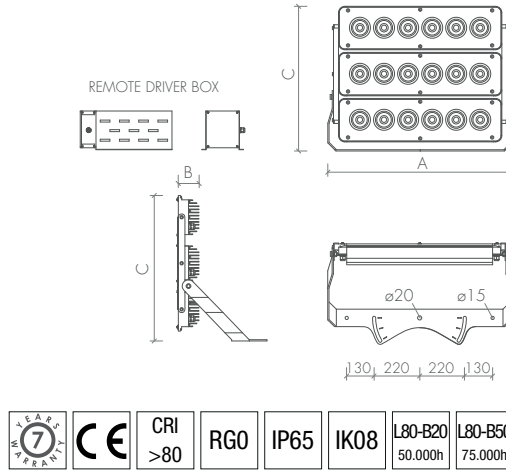


8057 MEGA-LORD

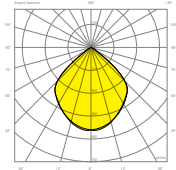
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8057AR4600GL	600	4000	AR	26,00	105993 lm - CRI≥80	80110 lm - CRI≥80	1000W JM/SAP
8057AR4900GL	900	4000	AR	28,00	153562 lm - CRI≥80	116016 lm - CRI≥80	2000W JM
8057AR4600GR	600	4000	AR	21,00	105993 lm - CRI≥80	80110 lm - CRI≥80	1000W JM/SAP
8057AR4900GR	900	4000	AR	23,00	153562 lm - CRI≥80	116016 lm - CRI≥80	2000W JM

A (mm)	B (mm)	C (mm)
720	155	455
720	155	455
720	105	455
720	105	455

GR = Driver remoto / Remote driver



90°

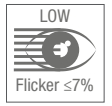
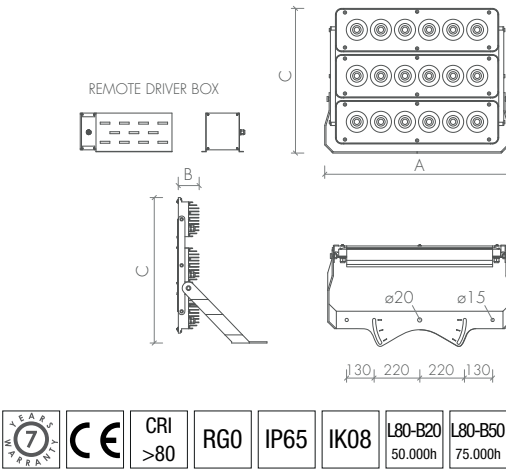


8059 IPER-LORD

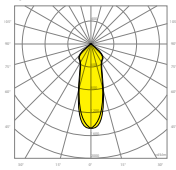
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8059PM4120GL	1200	4000	PM	38,00	199871 lm - CRI≥80	141621 lm - CRI≥80	2000W JM/SAP
8059PM4135GL	1350	4000	PM	38,00	222409 lm - CRI≥80	157527 lm - CRI≥80	2000W JM/SAP
8059PM4120GR	1200	4000	PM	28,00	199871 lm - CRI≥80	141621 lm - CRI≥80	2000W JM/SAP
8059PM4135GR	1350	4000	PM	28,00	222409 lm - CRI≥80	157527 lm - CRI≥80	2000W JM/SAP

A (mm)	B (mm)	C (mm)
720	155	680
720	155	680
720	105	680
720	105	680

GR = Driver remoto / Remote driver



29°

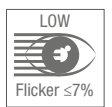
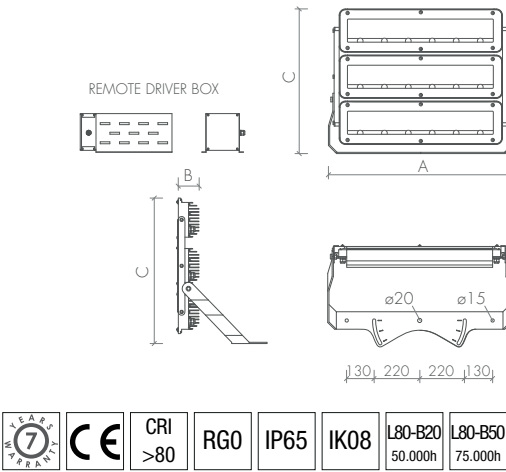


8059 IPER-LORD

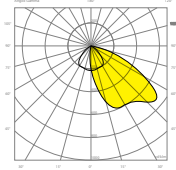
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8059CR4120GL	1200	4000	CR	38,00	199871 lm - CRI≥80	153895 lm - CRI≥80	2000W JM/SAP
8059CR4135GL	1350	4000	CR	38,00	222409 lm - CRI≥80	171180 lm - CRI≥80	2000W JM/SAP
8059CR4120GR	1200	4000	CR	28,00	199871 lm - CRI≥80	153895 lm - CRI≥80	2000W JM/SAP
8059CR4135GR	1350	4000	CR	28,00	222409 lm - CRI≥80	171180 lm - CRI≥80	2000W JM/SAP

A (mm)	B (mm)	C (mm)
720	155	680
720	155	680
720	105	680
720	105	680

GR = Driver remoto / Remote driver



55°



8059 IPER-LORD

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
8059AR4120GL	1200	4000	AR	38,00	199871 lm - CRI≥80	151063 lm - CRI≥80	2000W JM/SAP
8059AR4135GL	1350	4000	AR	38,00	222409 lm - CRI≥80	168029 lm - CRI≥80	2000W JM/SAP
8059AR4120GR	1200	4000	AR	28,00	199871 lm - CRI≥80	151063 lm - CRI≥80	2000W JM/SAP
8059AR4135GR	1350	4000	AR	28,00	222409 lm - CRI≥80	168029 lm - CRI≥80	2000W JM/SAP

A (mm)	B (mm)	C (mm)
720	155	680
720	155	680
720	105	680
720	105	680

GR = Driver remoto / Remote driver

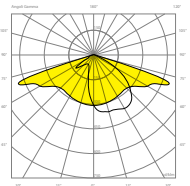
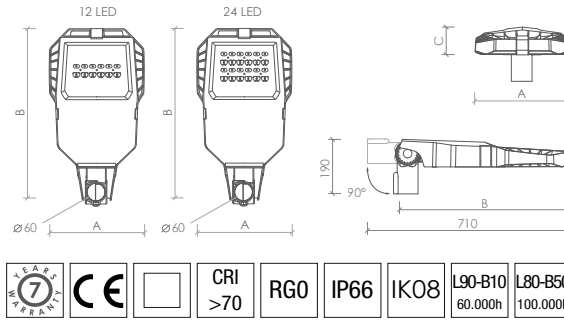


5. ARMATURE STRADALI / STREETLIGHT

Armature stradali LED di ultima generazione, adatte per l'illuminazione di strade urbane, extra-urbane, passaggi pedonali e parcheggi, dotate di alette di raffreddamento appositamente studiate per una dissipazione del calore che permette il funzionamento ottimale del LED. Grazie ai led RG0, CRI>80 e 3-step MacAdam, oltre al significativo risparmio energetico che si ottiene grazie al grande rendimento lumen/watt, l'ampia gamma di ottiche permette di ottenere un miglior controllo del flusso luminoso rispetto ai tradizionali apparecchi JM e SAP, rendendo l'ambiente confortevole e rassicurante nel rispetto delle normative relative all'illuminazione pubblica.

Latest generation LED street lighting, suitable for urban lighting, suburban roads, walkways and parking areas, equipped with cooling fins, specially designed for heat dissipation, that allows optimal operation of the LED. Thanks to the RG0, CRI> 80 and 3-step MacAdam LEDs, in addition to the significant energy savings achieved by the high lumen/watt efficiency, the wide range of optics allows to obtain a better control of the luminous flux compared to traditional Metal Halide and HPS fixtures, making the environment comfortable, in compliance with public lighting regulations.

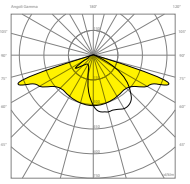
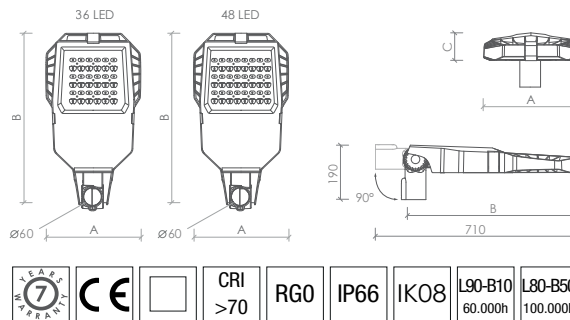
5.1 Armature stradali (installazione testa palo) 5.1 Streetlight (pole bracket installation)



9007 STEALTH 1 BY MOMODESIGN

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
9007U04016GL	16	4000	U0	8,00	2741 lm - CRI \geq 70	2414 lm - CRI \geq 70	50W JM
9007U04026GL	26	4000	U0	8,00	4033 lm - CRI \geq 70	3552 lm - CRI \geq 70	70W JM
9007U04036GL	36	4000	U0	8,00	5195 lm - CRI \geq 70	4575 lm - CRI \geq 70	70W JM/SAP
9007U04048GL	48	4000	U0	8,00	7570 lm - CRI \geq 70	6667 lm - CRI \geq 70	100W JM/SAP
9007U04060GL	60	4000	U0	8,00	9029 lm - CRI \geq 70	7952 lm - CRI \geq 70	100W JM/SAP
9007U04072GL	72	4000	U0	8,00	10391 lm - CRI \geq 70	9152 lm - CRI \geq 70	150W JM
9007U04080GL	80	4000	U0	8,00	11242 lm - CRI \geq 70	9901 lm - CRI \geq 70	150W JM/SAP

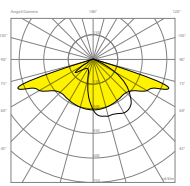
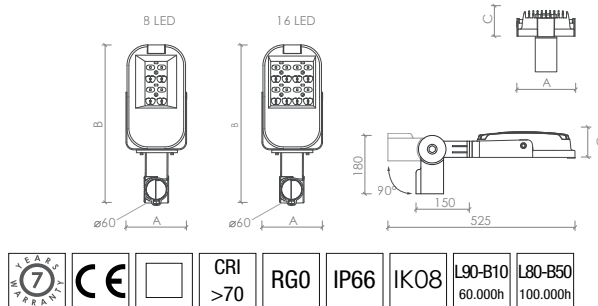
A (mm)	B (mm)	C (mm)
333	600	96
333	600	96
333	600	96
333	600	96
333	600	96
333	600	96
333	600	96



9008 STEALTH 2 BY MOMODESIGN

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
9008U04090GL	90	4000	U0	8,50	13544 lm - CRI \geq 70	11929 lm - CRI \geq 70	150W JM
9008U04100GL	100	4000	U0	8,50	14922 lm - CRI \geq 70	13143 lm - CRI \geq 70	150W JM/SAP
9008U04120GL	120	4000	U0	8,50	16862 lm - CRI \geq 70	14852 lm - CRI \geq 70	250W JM
9008U04130GL	130	4000	U0	8,50	19445 lm - CRI \geq 70	17127 lm - CRI \geq 70	250W JM/SAP
9008U04150GL	150	4000	U0	8,50	21644 lm - CRI \geq 70	19064 lm - CRI \geq 70	400W JM
new 9008U04165GL	165	4000	U0	8,50	22894 lm - CRI \geq 70	20165 lm - CRI \geq 70	400W JM/SAP

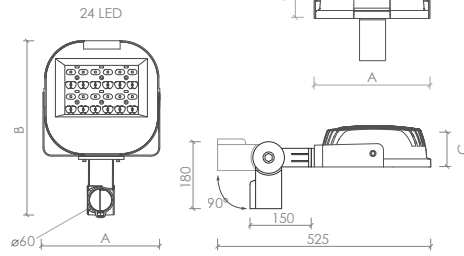
A (mm)	B (mm)	C (mm)
333	600	96
333	600	96
333	600	96
333	600	96
333	600	96
333	600	96
333	600	96



9012 AIRON 1 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
9012U04035GL	35	4000	U0	3,60	4501 lm - CRI \geq 70	3964 lm - CRI \geq 70	70W JM/SAP
9012U04050GL	50	4000	U0	3,60	7215 lm - CRI \geq 70	6354 lm - CRI \geq 70	100W JM/SAP

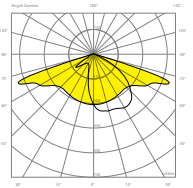
A (mm)	B (mm)	C (mm)
160	450	90
160	450	90



24 LED

10kV protection

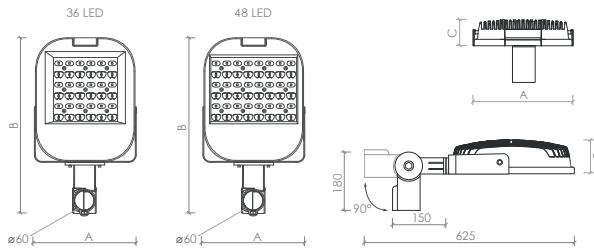
LOW Flicker ≤7%



9013 AIRON 2 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
9013U04072GL	72	4000	U0	6,50	10391 lm - CRI≥70	9152 lm - CRI≥70	150W JM
9013U04092GL	92	4000	U0	6,50	12429 lm - CRI≥70	10947 lm - CRI≥70	150W JM/SAP

A (mm)	B (mm)	C (mm)
285	445	90
285	445	90

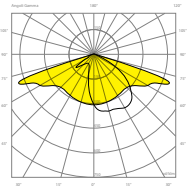


36 LED

48 LED

10kV protection

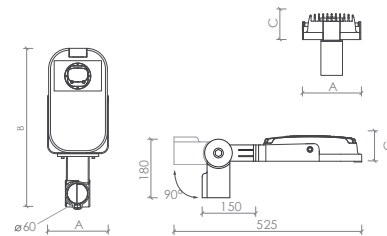
LOW Flicker ≤7%



9014 AIRON 3 **new**

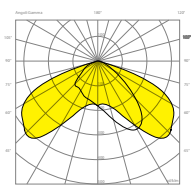
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
9014U04120GL	120	4000	U0	7,50	16862 lm - CRI≥70	14852 lm - CRI≥70	250W JM
9014U04150GL	150	4000	U0	7,50	19737 lm - CRI≥70	17384 lm - CRI≥70	250W JM/SAP
9014U04165GL	165	4000	U0	7,50	22894 lm - CRI≥70	20165 lm - CRI≥70	400W JM

A (mm)	B (mm)	C (mm)
310	535	90
310	535	90
310	535	90



10kV protection

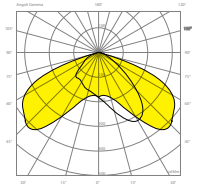
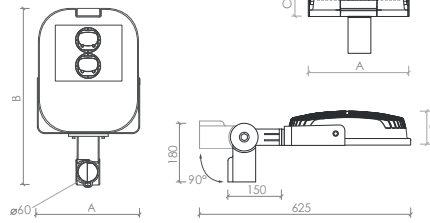
LOW Flicker ≤10%



9015 AIRON 4 **new**

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
9015L14020GL	20	4000	L1	3,60	3214 lm - CRI≥70	2259 lm - CRI≥70	50W JM
9015L14030GL	30	4000	L1	3,60	4518 lm - CRI≥70	3176 lm - CRI≥70	70W JM/SAP
9015L14040GL	40	4000	L1	3,60	5827 lm - CRI≥70	4096 lm - CRI≥70	70W JM/SAP
9015L14050GL	50	4000	L1	3,60	7081 lm - CRI≥70	4978 lm - CRI≥70	100W JM/SAP
9015L14056GL	56	4000	L1	3,60	10089 lm - CRI≥70	7092 lm - CRI≥70	100W JM/SAP

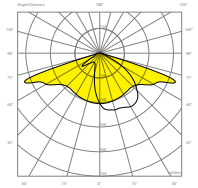
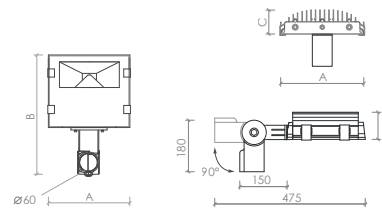
A (mm)	B (mm)	C (mm)
160	450	90
160	450	90
160	450	90
160	450	90
160	450	90



9016 AIRON 5 new

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
9016L24080GL	80	4000	L2	7,50	12420 lm - CRI \geq 70	8979 lm - CRI \geq 70	150W JM/SAP
9016L24100GL	100	4000	L2	7,50	14163 lm - CRI \geq 70	10240 lm - CRI \geq 70	150W JM/SAP
9016L24120GL	120	4000	L2	7,50	18682 lm - CRI \geq 70	13507 lm - CRI \geq 70	250W JM/SAP
9016L24130GL	130	4000	L2	7,50	21023 lm - CRI \geq 70	15199 lm - CRI \geq 70	250W JM/SAP
9016L24150GL	150	4000	L2	7,50	23897 lm - CRI \geq 70	17277 lm - CRI \geq 70	400W JM/SAP
9016L24165GL	165	4000	L2	7,50	27173 lm - CRI \geq 70	19646 lm - CRI \geq 70	400W JM/SAP

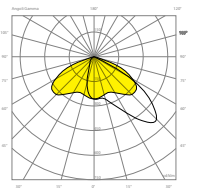
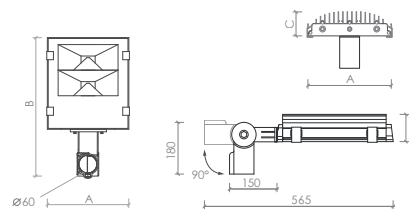
A (mm)	B (mm)	C (mm)
310	535	90
310	535	90
310	535	90
310	535	90
310	535	90
310	535	90



9009 PLANET

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
9009L14020EL	20	4000	L1	4,00	3214 lm - CRI \geq 70	2410 lm - CRI \geq 70	50W JM
9009L14030EL	30	4000	L1	4,00	4518 lm - CRI \geq 70	3389 lm - CRI \geq 70	70W JM
9009L14040EL	40	4000	L1	4,00	5827 lm - CRI \geq 70	4370 lm - CRI \geq 70	70W JM/SAP
9009L14050EL	50	4000	L1	4,00	7081 lm - CRI \geq 70	5311 lm - CRI \geq 70	100W JM/SAP
9009L14056EL	56	4000	L1	4,00	10089 lm - CRI \geq 70	7566 lm - CRI \geq 70	100W JM/SAP

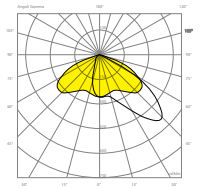
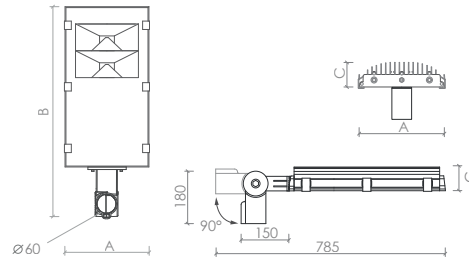
A (mm)	B (mm)	C (mm)
280	375	90
280	375	90
280	375	90
280	375	90
280	375	90
280	375	90



9009 PLANET

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
9009L24080EL	80	4000	L2	6,50	12420 lm - CRI \geq 70	9315 lm - CRI \geq 70	150W JM/SAP
9009L24100EL	100	4000	L2	6,50	14163 lm - CRI \geq 70	10622 lm - CRI \geq 70	150W JM/SAP

A (mm)	B (mm)	C (mm)
280	465	90
280	465	90



9010 MAXI-PLANET

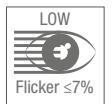
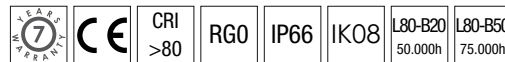
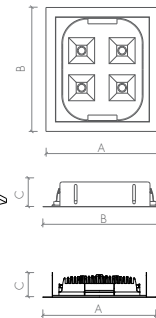
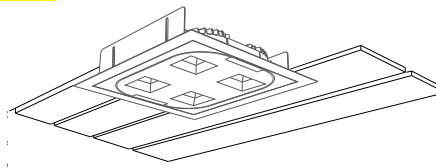
code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
9010L24120EL	120	4000	L2	9,00	18682 lm - CRI \geq 70	14011 lm - CRI \geq 70	250W JM
9010L24130EL	130	4000	L2	9,00	21023 lm - CRI \geq 70	15767 lm - CRI \geq 70	250W JM/SAP
9010L24150EL	150	4000	L2	9,00	23897 lm - CRI \geq 70	17922 lm - CRI \geq 70	400W JM

A (mm)	B (mm)	C (mm)
280	685	90
280	685	90
280	685	90

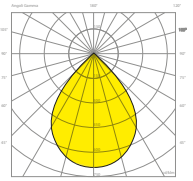
5.2 Apparecchi ad incasso per controsoffitti di stazioni di servizio e pensiline outdoor in generale 5.2 Recessed luminaires for false ceilings for service stations and canopies in general



UGR <math>< 25</math>



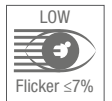
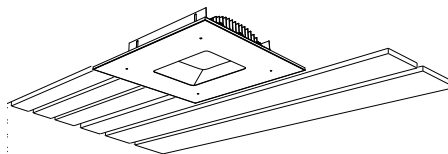
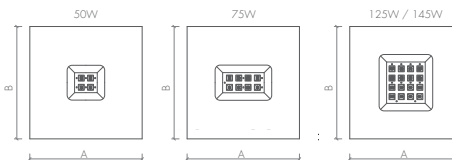
90°



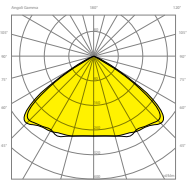
2082 BRANDO new

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2082S54080EL	80	4000	S5	9,00	15455 lm - CRI \geq 80	12264 lm - CRI \geq 80	150W JM/SAP
2082S54100EL	100	4000	S5	9,00	19254 lm - CRI \geq 80	15278 lm - CRI \geq 80	150W JM/SAP
2082S54120EL	120	4000	S5	9,00	23498 lm - CRI \geq 80	18648 lm - CRI \geq 80	250W JM
2082S54150EL	150	4000	S5	9,00	28405 lm - CRI \geq 80	22542 lm - CRI \geq 80	250W JM/SAP
2082S54185EL	185	4000	S5	9,00	33622 lm - CRI \geq 80	26683 lm - CRI \geq 80	400W JM

A (mm)	B (mm)	C (mm)
415	455	100
415	455	100
415	455	100
415	455	100
415	455	100



100°



2081 DANTE

code	W tot.	°K	model	Kg	LUMEN LED	LUMEN OUTPUT	replace
2081044050EL	50	4000	04	7,50	6565 lm - CRI \geq 80	5561 lm - CRI \geq 80	100W JM/SAP
2081048075EL	75	4000	08	7,50	10386 lm - CRI \geq 80	8797 lm - CRI \geq 80	150W JM/SAP
2081164125EL	125	4000	16	7,50	17424 lm - CRI \geq 80	14758 lm - CRI \geq 80	250W JM
2081164145EL	145	4000	16	7,50	18968 lm - CRI \geq 80	16066 lm - CRI \geq 80	250W JM/SAP

A (mm)	B (mm)	C (mm)
455	455	120
455	455	120
455	455	120
455	455	120


















6. SPORT

Esempi d'installazione delle diverse tipologie di sport: calcio, calcetto, basket, pallavolo, tennis, nuoto nel rispetto della normativa Europea EN-12193:2018 e le linee guida del CONI.

Examples of installation for different types of sport: soccer, futsal, basketball, volleyball, tennis, swimming, in compliance with the European EN-12193: 2018.

Sport standards - UNI EN 12193

ACTIVITY / SPORTS FACILITIES	ACTIVITY LEVEL	OUTDOOR			INDOOR			NOTES
		Average illuminance (lux)	Uniformity (min / med)	Specific illuminance (lux)	Average illuminance (lux)	Uniformity (min / med)	Specific illuminance (lux)	
 Athletics	A	500 (A)	0.7	1000 (1)	500	0.7	1000 (1)	(1) Photofinish
	B	200	0.5	-	300	0.6	-	
	C	100	0.5	-	200	0.5	-	
 Baseball Softball	A	750 (1)	0.7 (1)	-	750 (1)	0.7 (1)	-	(1) Infield
	B	500 (1)	0.5 (1)	-	-	-	-	
	C	300 (1)	0.5 (1)	-	-	-	-	
 Bowling	A	-	-	-	(500)	0.5-(0.4)	(1000) (1)	(1) Target
	B	200	0.4	-	300-(300)	0.4-(0.5)	(500) (1)	
	C	100	0.3	-	200-(200)	0.3-(0.4)	(200) (1)	
 Football Rugby	A	500	0.7	-	-	-	-	
	B	200	0.6	-	-	-	-	
	C	75	0.5	-	-	-	-	
 Cycling Motorcycl. Motor rac.	A	500	0.7	1000 (1)	750	0.7	1000 (1)	(1) Photofinish vert. plane
	B	300	0.7	-	500	0.7	-	
	C	100	0.5	-	200	0.5	-	
 Horse rac. Dog rac.	A	500	0.7	-	500	0.7	-	
	B	300	0.6	-	200	0.5	-	
	C	200	0.5	-	100	0.5	-	
 Golf	A	100 (1)	0.8	100 (2)	-	-	-	(1) Tee (2) Holes
	B	100 (1)	0.8	100 (2)	-	-	-	
	-	-	-	-	-	-	-	
 Ice field hockey	A	750	0.7	-	750	0.7	-	
	B	500	0.7	-	500	0.7	-	
	C	200	0.5	-	300	0.7	-	
 Swimming (Pools)	A	500	0.7	-	500	0.7	-	
	B	300	0.7	-	300	0.7	-	
	C	200	0.5	-	200	0.5	-	
 Basket Volley	A	500	0.7	-	750	0.7	-	
	B	200	0.6	-	500	0.7	-	
	C	100	0.5	-	200	0.5	-	
 Skating	A	500	0.7	-	750	0.7	-	
	B	200	0.7	-	500	0.7	-	
	C	100	0.7	-	300	0.7	-	
 Weight lift Judo, Boxing, Wrest	A	500	0.7	-	750	0.7	(2000) (1)	(1) On the ring (boxing only)
	B	200	0.6	-	500	0.7	(1000) (1)	
	C	100	0.5	-	200	0.5	(500) (1)	
 Ski Ski jump	A	100-(500)	-	-	-	-	-	
	B	50-(300)	-	-	-	-	-	
	C	30-(300)	-	-	-	-	-	
 Tennis	A	500	0.7	-	750	0.7	-	
	B	300	0.7	-	500	0.7	-	
	C	200	0.6	-	300	0.5	-	
 Target shooting	A	-	500(1)200(2)	500(1)200(2)	-	-	-	(1) Target (2) Footboard
	B	100	500(1)200(2)	500(1)200(2)	100	0.5	100(1)200(2)	
	C	500	-	-	100	0.5	100(1)200(2)	

6.1 SPORT | FUTSAL indoor

EN-12193:2018 (indoor)

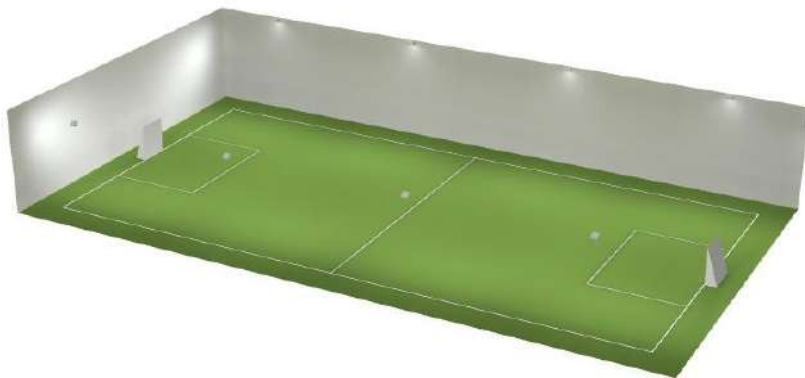
Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	750 lux	0,7	80	35
class II	500 lux	0,7	80	40
class III	200 lux	0,5	60	40

CONI:2018 (indoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	200 lux	0,5	-	-
class II	500 lux	0,7	-	-
class III	750 lux	0,7	-	-

EN-12193 Class III
CONI Class I

>200 lux Uniformity E_{min}/E_{med} 0,5 | IRC >60

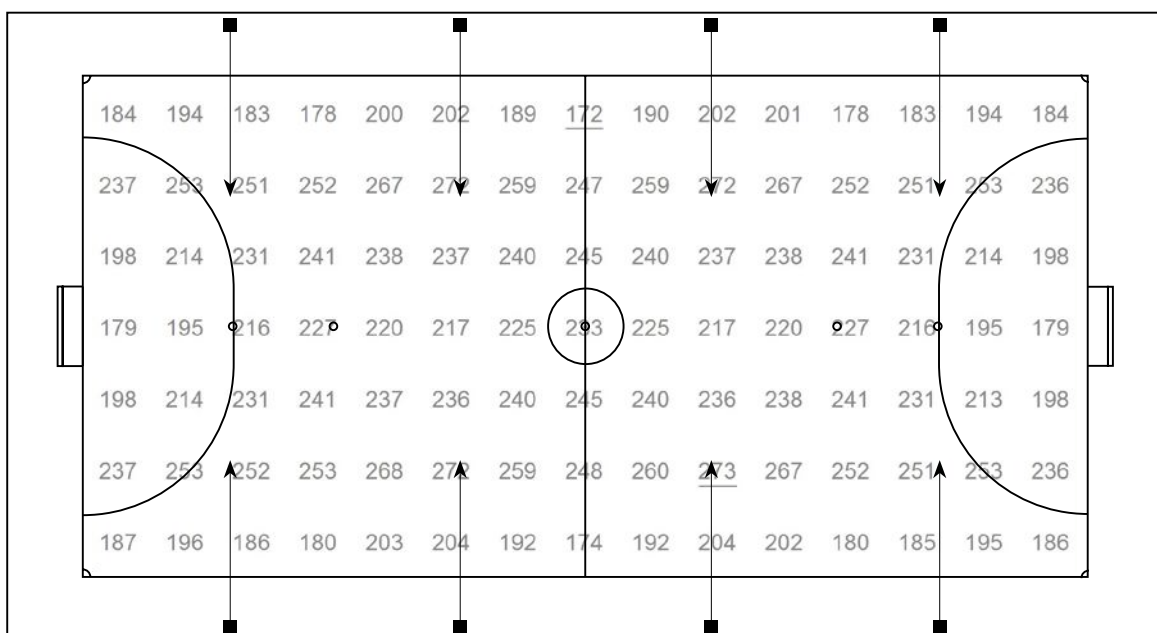


LORD 4

8 floodlights
2,24 kW total power of installation

code	optics	power
8032AR4280GL	AR	280 W

Average illuminances	223 lx	Uniformity E_{min}/E_{med}	0,77
Maintenance factor	80%	IRC (R_a)	80



EN-12193:2018 (indoor)

Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	750 lux	0,7	80	35
class II	500 lux	0,7	80	40
class III	200 lux	0,5	60	40

CONI:2018 (indoor)

Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	200 lux	0,5	-	-
class II	500 lux	0,7	-	-
class III	750 lux	0,7	-	-

EN-12193 Class II

CONI Class II

>500 lux Uniformity E_{min}/E_{med} 0,7 | IRC >60

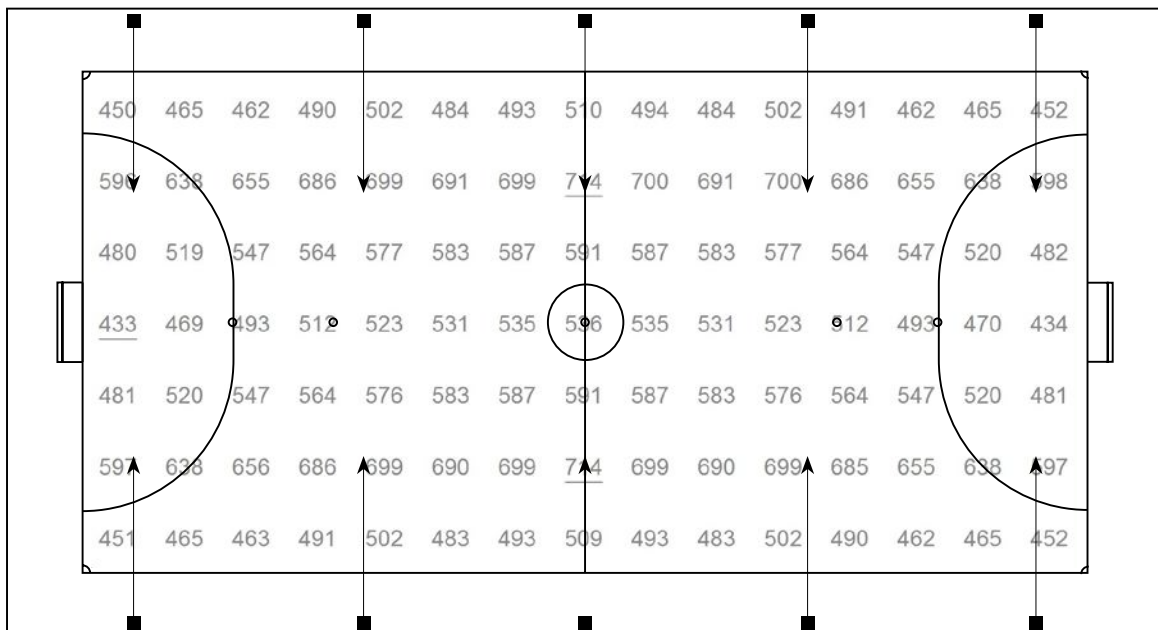


MEGA-LORD

10 floodlights
6,00 kW total power of installation

code	optics	power
8057AR4600GL	AR	600 W

Average illuminances	559 lx	Uniformity E _{min} /E _{med}	0,78
Maintenance factor	80%	IRC (R _a)	80



6.2 SPORT | SOCCER outdoor

FIGC LND (outdoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	300 lux	0,7	80	55
class II	150 lux	0,6	80	50
class III	100 lux	0,6	80	50

CONI:2018 (outdoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	75 lux	0,5	-	-
class II	200 lux	0,6	-	-
class III	500 lux	0,7	-	-

FIGC LND Class II > 150 lux Uniformity E_{min}/E_{med} 0,6 | IRC > 80

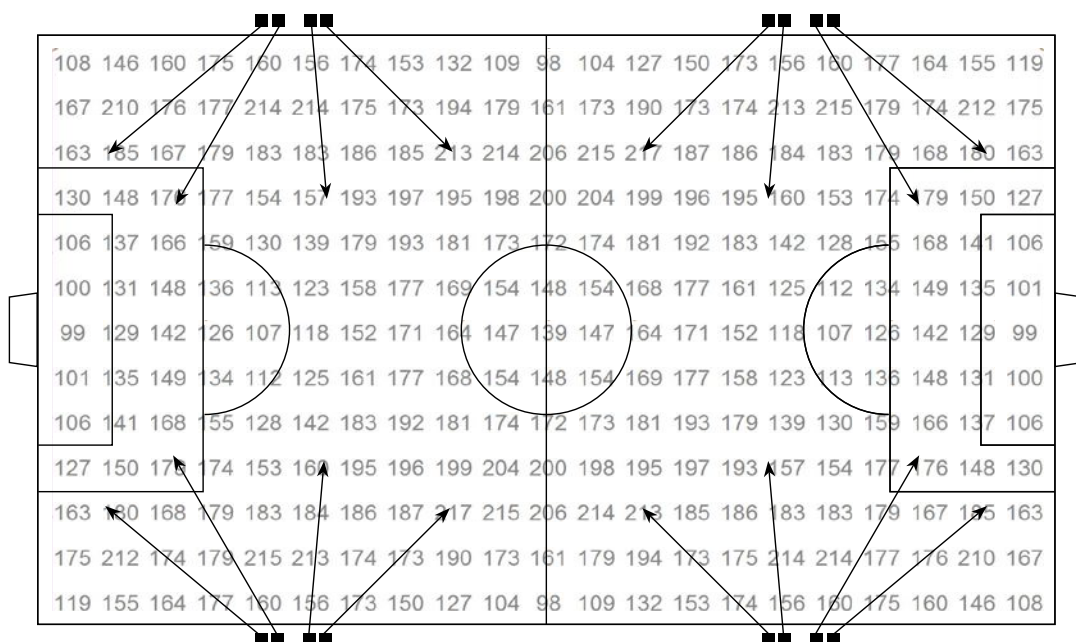


IPER-LORD

16 floodlights
19,20 kW total power of installation

code	optics	power
8059CR4120GL	CR	1200 W

Average illuminances 163 lx Uniformity E_{min}/E_{med} 0,60
Maintenance factor 80% IRC (R_a) 80



EN-12193:2018 (outdoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	500 lux	0,7	70	50
class II	200 lux	0,6	60	50
class III	75 lux	0,5	60	50

CONI:2018 (outdoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	75 lux	0,5	-	-
class II	200 lux	0,6	-	-
class III	500 lux	0,7	-	-

EN-12193 Class III
CONI Class I

>500 lux Uniformity E_{min}/E_{med} 0,7 | IRC >80

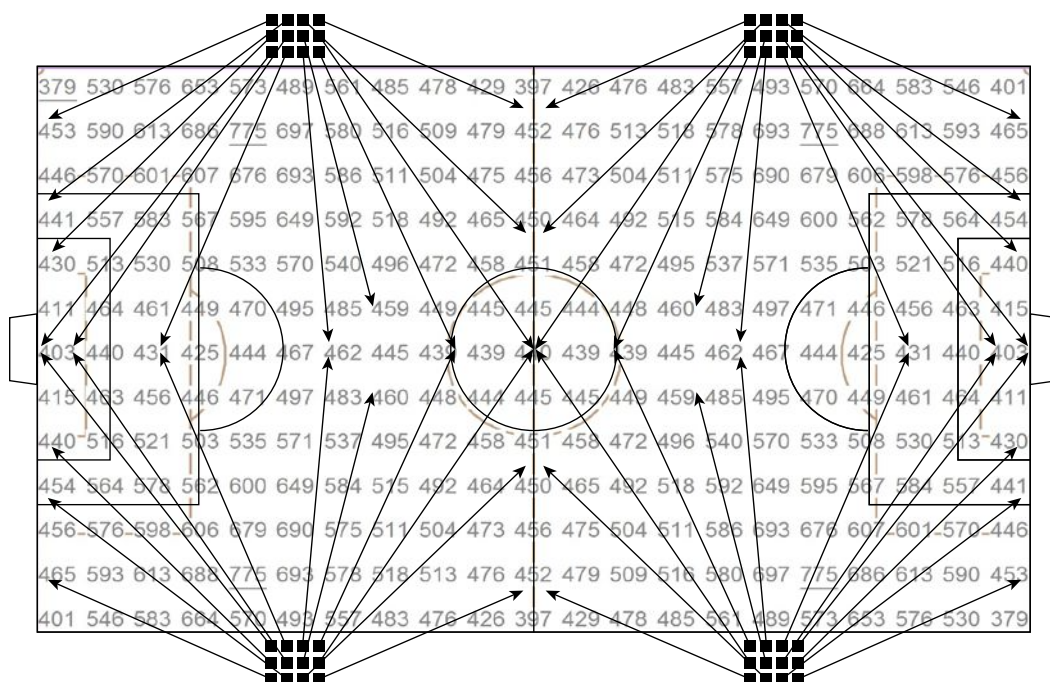


IPER-LORD

48 floodlights
64,80 kW total power of installation

code	optics	power
8059CR4135GL	CR	1350 W

Average illuminances	500 lx	Uniformity E_{min}/E_{med}	0,73
Maintenance factor	80%	IRC (R_a)	80



6.3 SPORT | VOLLEY indoor

EN-12193:2018 (indoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	750 lux	0,7	80	35
class II	500 lux	0,7	80	40
class III	200 lux	0,5	60	40

CONI:2018 (indoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	200 lux	0,5	-	-
class II	500 lux	0,7	-	-
class III	750 lux	0,7	-	-

EN-12193 Class III
CONI Class I

>200 lux Uniformity E_{min}/E_{med} 0,5 | IRC >60



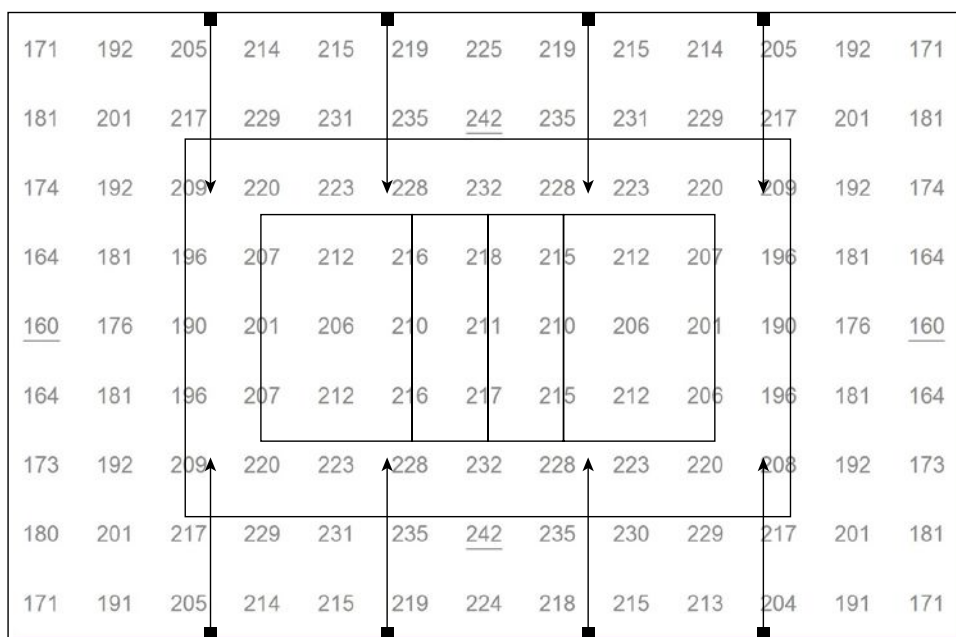
LORD 2

8 floodlights

1,48 kW total power of installation

code	optics	power
8036AR4185GL	AR	185 W

Average illuminances	205 lx	Uniformity E_{min}/E_{med}	0,78
Maintenance factor	80%	IRC (R_a)	80



EN-12193:2018 (indoor)

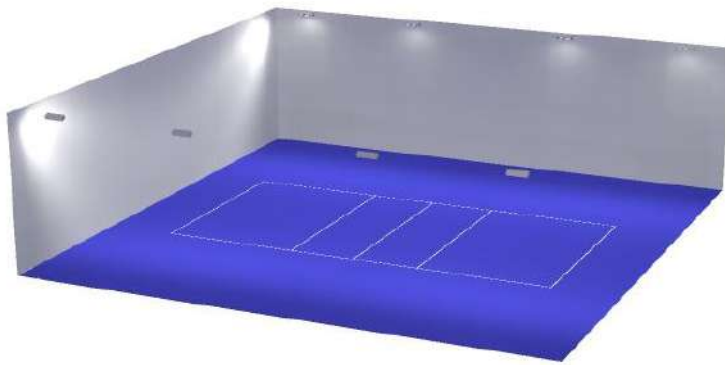
Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	750 lux	0,7	80	35
class II	500 lux	0,7	80	40
class III	200 lux	0,5	60	40

CONI:2018 (indoor)

Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	200 lux	0,5	-	-
class II	500 lux	0,7	-	-
class III	750 lux	0,7	-	-

EN-12193 Class II
CONI Class II

>500 lux Uniformity E_{min}/E_{med} 0,7 | IRC >80

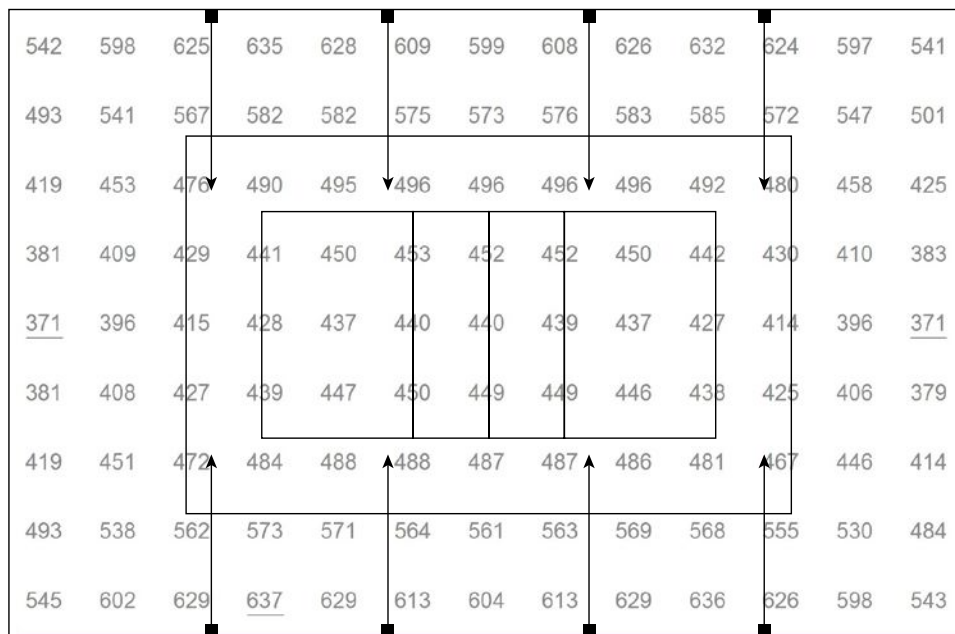


MAXI-LORD

8 floodlights
3,60 kW total power of installation

code	optics	power
8056AR4450GL	AR	450 W

Average illuminances	504 lx	Uniformity E _{min} /E _{med}	0,74
Maintenance factor	80%	IRC (R _a)	80



6.4 SPORT | BASKET indoor

EN-12193:2018 (indoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	750 lux	0,7	80	35
class II	500 lux	0,7	60	40
class III	200 lux	0,5	60	40

CONI:2018 (indoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	200 lux	0,5	-	-
class II	500 lux	0,7	-	-
class III	750 lux	0,7	-	-

EN-12193 Class III
CONI Class I

>200 lux Uniformity E_{min}/E_{med} 0,5 | IRC >60



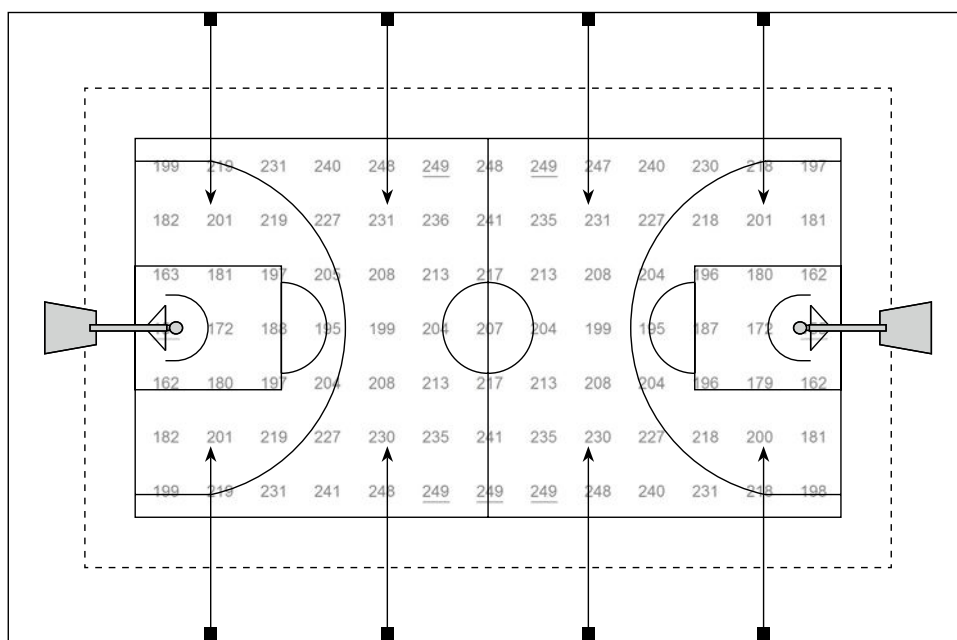
LORD 3

8 floodlights

1,84 kW total power of installation

code	optics	power
8033AR4230GL	AR	230 W

Average illuminances	211 lx	Uniformity E_{min}/E_{med}	0,73
Maintenance factor	80%	IRC (R_a)	80



EN-12193:2018 (indoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	750 lux	0,7	80	35
class II	500 lux	0,7	60	40
class III	200 lux	0,5	60	40

CONI:2018 (indoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	200 lux	0,5	-	-
class II	500 lux	0,7	-	-
class III	750 lux	0,7	-	-

EN-12193 Class II
CONI Class II

>500 lux Uniformity E_{min}/E_{med} 0,7 | IRC >60

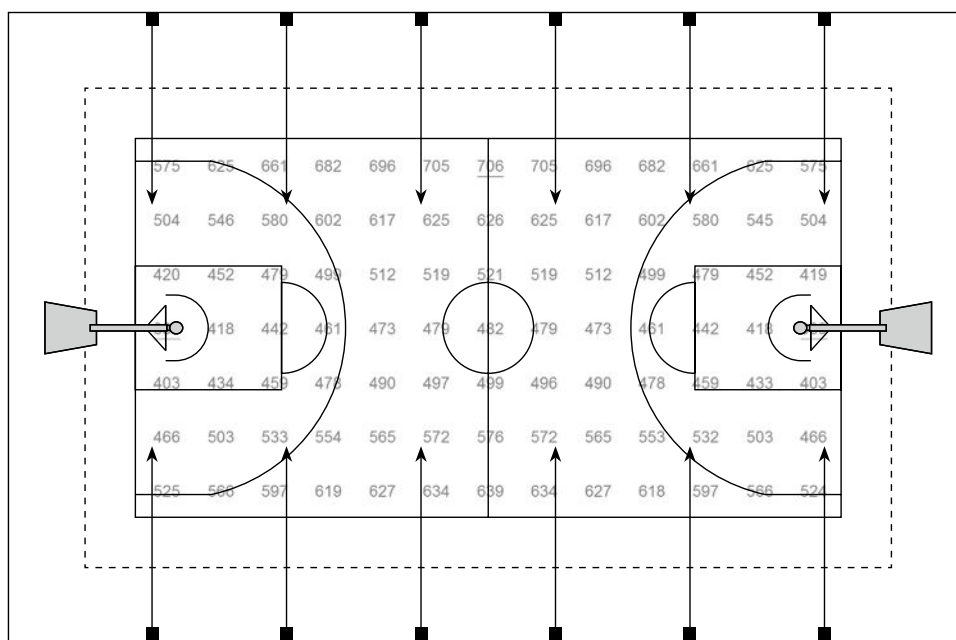


MAXI-LORD

12 floodlights
5,40 kW total power of installation

code	optics	power
8056AR4450GL	AR	450 W

Average illuminances	539 lx	Uniformity E_{min}/E_{med}	0,72
Maintenance factor	80%	IRC (R_a)	80



EN-12193:2018 (indoor)

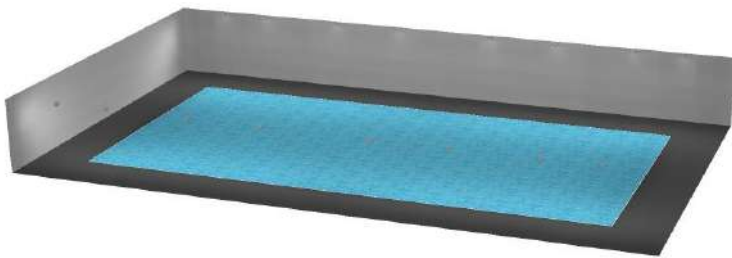
Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	500 lux	0,7	80	-
class II	300 lux	0,7	60	-
class III	200 lux	0,5	60	-

CONI:2018 (indoor)

Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	200 lux	0,5	-	-
class II	300 lux	0,7	-	-
class III	500 lux	0,7	-	-

EN-12193 Class II
CONI Class II

>300 lux Uniformity E_{min}/E_{med} 0,7 | IRC >60

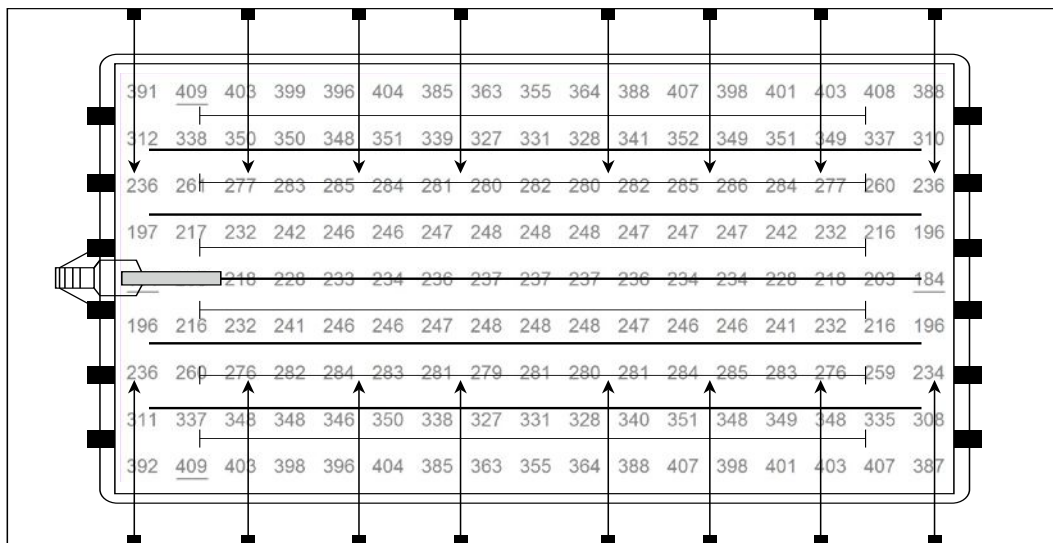


LORD 4

16 floodlights
4,48 kW total power of installation

code	optics	power
8032AR4280GL	AR	280 W

Average illuminances	300 lx	Uniformity E _{min} /E _{med}	0,7
Maintenance factor	80%	IRC (R _a)	80



EN-12193:2018 (indoor)

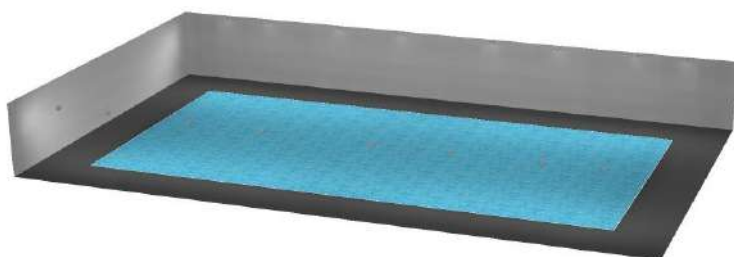
Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	500 lux	0,7	80	-
class II	300 lux	0,7	60	-
class III	200 lux	0,5	60	-

CONI:2018 (indoor)

Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	200 lux	0,5	-	-
class II	300 lux	0,7	-	-
class III	500 lux	0,7	-	-

EN-12193 Class I
CONI Class III

>500 lux Uniformity E_{min}/E_{med} 0,7 | IRC >80

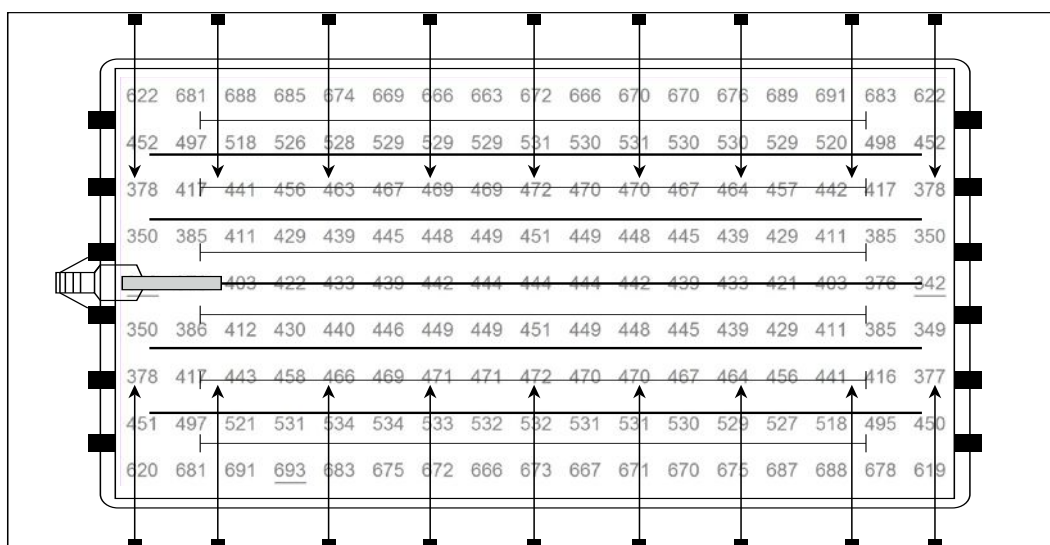


MAXI-LORD

18 floodlights
8,10 kW total power of installation

code	optics	power
8056AR4450GL	AR	450 W

Average illuminances	503 lx	Uniformity E _{min} /E _{med}	0,7
Maintenance factor	80%	IRC (R _a)	80



6.6 SPORT | TENNIS outdoor

EN-12193:2018 (outdoor)

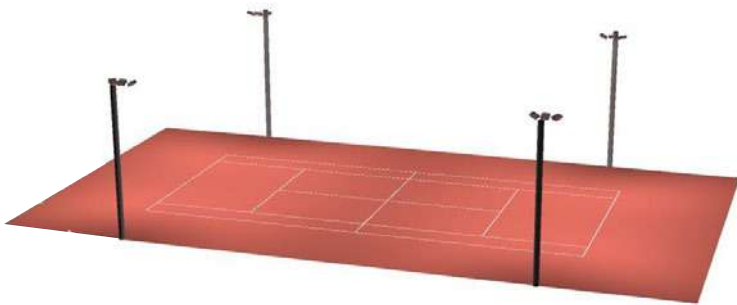
Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	500 lux	0,7	80	50
class II	300 lux	0,7	60	50
class III	200 lux	0,6	60	55

CONI:2018 (outdoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	200 lux	0,5	-	-
class II	300 lux	0,7	-	-
class III	500 lux	0,7	-	-

EN-12193 Class III
CONI Class I

>200 lux Uniformity E_{min}/E_{med} 0,6 | IRC >60

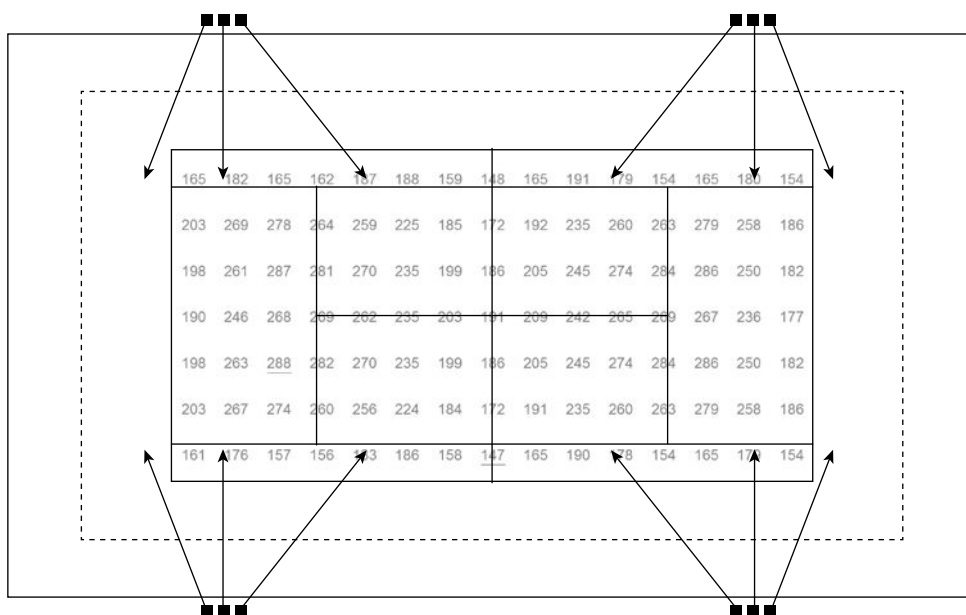


LORD 3

12 floodlights
2,40 kW total power of installation

code	optics	power
8033AR4200GL	AR	200 W

Average illuminances	218 lx	Uniformity E_{min}/E_{med}	0,68
Maintenance factor	80%	IRC (R_a)	80



EN-12193:2018 (indoor)

Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	500 lux	0,7	80	50
class II	300 lux	0,7	60	50
class III	200 lux	0,6	60	55

CONI:2018 (indoor)

Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	200 lux	0,5	-	-
class II	300 lux	0,7	-	-
class III	500 lux	0,7	-	-

EN-12193 Class I
CONI Class III

>500 lux Uniformity E_{min}/E_{med} 0,7 | IRC >80

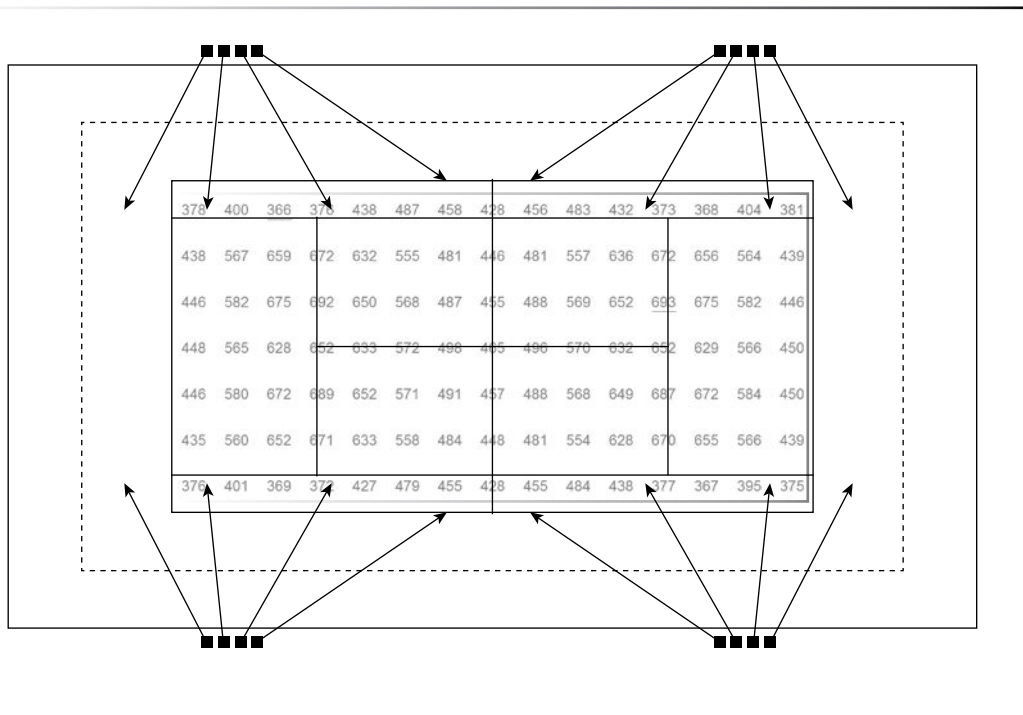


MAXI-LORD

16 floodlights
7,20 kW total power of installation

code	optics	power
8056AR4450GL	AR	450 W

Average illuminances	525 lx	Uniformity E _{min} /E _{med}	0,70
Maintenance factor	80%	IRC (R _a)	80



EN-12193:2018 (indoor)

Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	750 lux	0,7	80	50
class II	500 lux	0,7	60	50
class III	300 lux	0,5	60	55

CONI:2018 (indoor)

Class	Lux (E _m)	Uniformity	IRC (R _a)	Gr
class I	300 lux	0,6	-	-
class II	500 lux	0,7	-	-
class III	750 lux	0,7	-	-

EN-12193 Class III
CONI Class I

>300 lux Uniformity E_{min}/E_{med} 0,6 | IRC >60



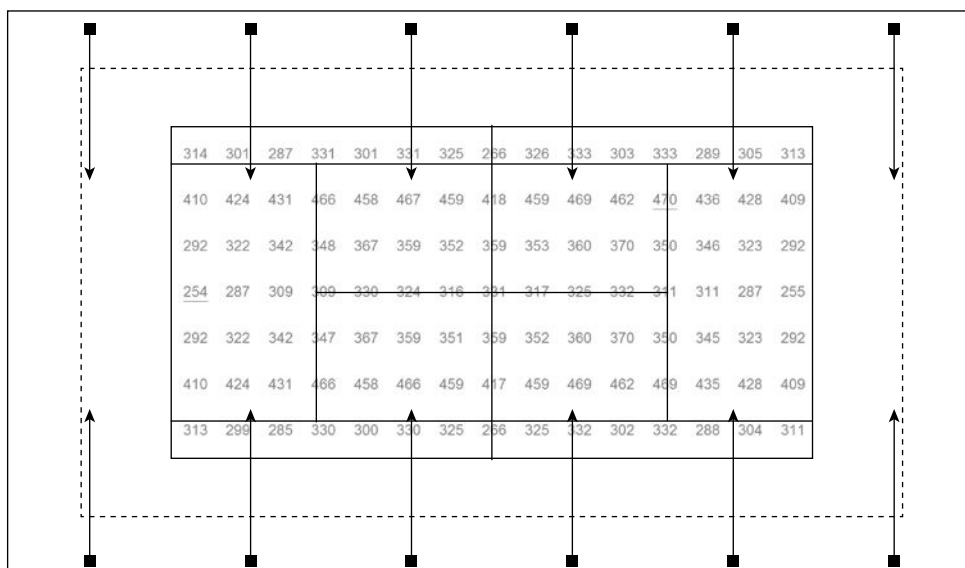
LORD 3

12 floodlights

2,40 kW total power of installation

code	optics	power
8033AR4200GL	AR	200 W

Average illuminances	357 lx	Uniformity E _{min} /E _{med}	0,71
Maintenance factor	80%	IRC (R _a)	80



EN-12193:2018 (indoor)

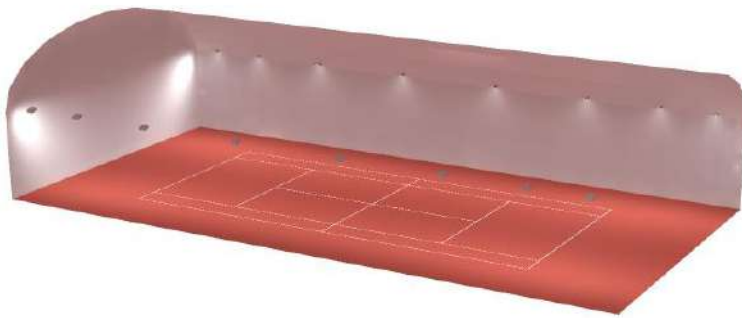
Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	750 lux	0,7	80	50
class II	500 lux	0,7	60	50
class III	300 lux	0,5	60	55

CONI:2018 (indoor)

Class	Lux (E_m)	Uniformity	IRC (R_a)	Gr
class I	300 lux	0,6	-	-
class II	500 lux	0,7	-	-
class III	750 lux	0,7	-	-

EN-12193 Class II CONI Class II

>500 lux Uniformity E_{min}/E_{med} 0,7 | IRC >80

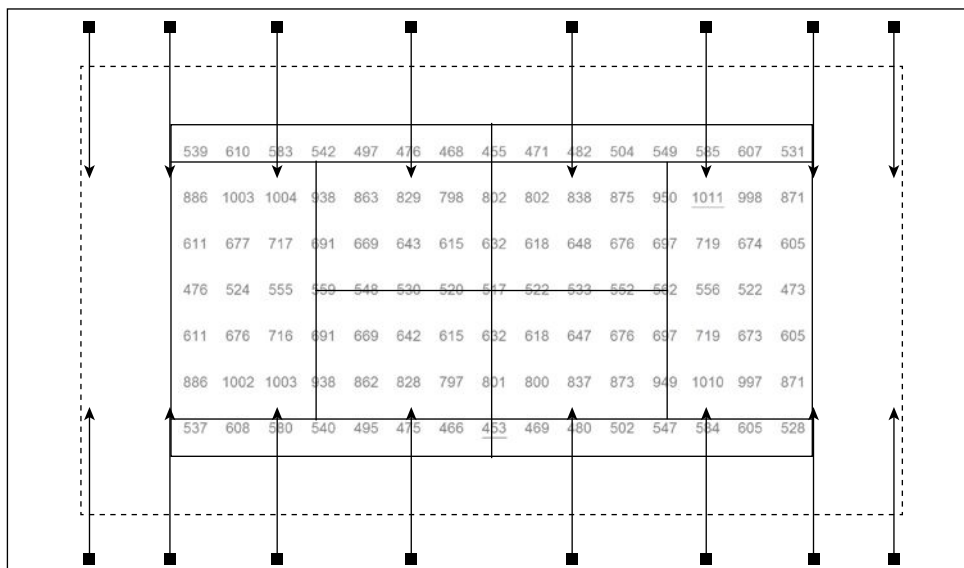


LORD 4

16 floodlights
4,48 kW total power of installation

code	optics	power
8032AR4280GL	AR	280 W

Average illuminances	671 lx	Uniformity E_{min}/E_{med}	0,75
Maintenance factor	80%	IRC (R_a)	80



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