Energy UNO

LED Väg-/Områdesarmatur

Enkel installation, förlängd livslängd och optimal systemhantering var riktlinjerna vid utformningen av Energy serien.
Cree Energy är förberedd för framtida krav och möjligheter, konstruerad och designad för LED ljuskällor och kännetecknas av sin extraordinära effektivitet. Tack vare seriens tre olika armaturstorlekar, fyra lumenpaket per storlek, en komplett uppsättning av optiska möjligheter, och ett brett utbud av olika ljuskällor (färgtemperaturer) är det den bästa, mest flexibla och kompletta belysningslösningen. För att ytterligare förstärka att Energy serien är förberedd för framtida behov finns en tillgänglig med Zhaga book 18 sockel och D4i drivers. Tack vare det justerbara fästet kan armaturen monteras på stolptopp, arm eller väggfäste med en diameter på 60mm (∅48mm används adapter), och justerbar 90°, i steg om 5°. Justering av armaturvinkel görs från utsidan av armaturen utan att behöva öppna locket.

Användningsområde: Stads- och lokalgator, gångvägar och parkeringsplatser (områdesbelysning)

Kortfakta

Effektivitet: upp till 160lm/W
Initialt ljusflöde: upp till 8600lm
Färgkonskvens: ≤ 4SDCM
Begränsad garanti: 5år

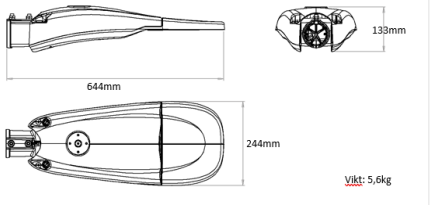
Beställningsinformation

Eg: TRSA-2-K10-6L-308-+-A-SV-VM-Z-U-10**+ VMP10FA0-0003**

TRSA	-	2	-	075	-	A	-	228	-	+	-	A	-	SG	-	FX	-	S	-	S	-	00
Serie		Fäste		Optik		Ljus-paket		CCT		Class		Spänning		Färg		Optioner		Variant		Skydd		Kabel
TRSA	-	**2** horiz/vert tenon 60mm **3** horiz/vert tenon 76mm	-	**K07** NanoComfort Narrow Street **075** Narrow Street 0.75 (T2S) **K10** NanoComfort Medium Street **100** Medium Street 1.00 (T2S) **K12** NanoComfort Broad Street **125** Comfort Street 1.25 (T2S) **150** Wide Street (T3S) **200** Extra Wide Street Parking/Area **SCP** Street & Cycle Path class P (T2S) **AFN**** Area Flood Narrow **ARS** RotoSymmetric Area **PCR** Pedestrian Cross Right **PCL** Pedestrian Cross Left	-	**2L*** Up to 2100lm **4L** Up to 4300lm **6L** Up to 6500lm **8L** Up to 8600lm	-	**228*** 2200K CRI80 **278*** 2700K CRI80 **308** 3000K CRI80 **407** 4000K CRI70 **577*** 5700K CRI70	-	**+** Class 1 **^** Class 2	-	**A** 220-240V	-	**SG** Sapphire Gray **SV** Silver **BK*** Black Textured **WH*** White Textured	-	**FX** Fixed Output (setting on request) **VM** Virtual Midnight **DL** DALI **CL** Constant Lumen **VMC** Virtual Midnight+ Constant Lumen **FX** Fixed Output (setting on request) **VM** Virtual Midnight **CL** Constant Lumen **VMC** Virtual Midnight+ Constant Lumen	-	**S** Standard **N**** Nema Socket 7 pin **Z** Zhaga Socket/ D4i driver	-	**S** Standard 6 kV **SF** Standaerd + Fuse **U** 10 kV SPD **UF** 10 kV +Fuse	-	**00** Standard no cable **01** Exit Cable 1 m **03** Exit Cable 3 m **06** Exit Cable 6 m **10** Exit Cable 10 m

* Kontakta Nordic LED för mer information
** På särskild begäran

ADAPTER	
KIT-TRS-LS-42/48-V0	Fitter kit to mount to 42 & 48 mm tenon



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CE CB RoHS

CREE LIGHTING
AUTHORIZED DISTRIBUTOR

Energy UNO
LED Väg-/Områdesarmatur

FUNKTIONER

- Full cut-off optik och LED PCB kompatibelt med Zhaga Book 15
- LED ljusflöde upp till 8600lm
- Zhaga Book 15 kompatibel LED modul effektivitet (exkl optiskt system): ≥185 lm/W
- Effektivitet armatur (inkl optiska förluster): upp till 160 lm/W
- CCT: 2200K*, 2700K, 3000K @Ra80 och 4000K, 5700K@ Ra70 (*På begäran MOQ)
- CRI Standard min. 70, CRI80 @3000K
- Initial SDCM: ≤ 4-Step MacAdam ellipse
- Förväntad livslängd (Ta=25°C): L97B10 upp till 100 000 timmar
- IP klass optik och elektronikhus: IP66 (IEC 60529)
- IK klass optic och elektronikhus: ≥IK10 (EN 62262)
- Överspänningsskydd: upp till 10kV CM/DM enligt EN61000-4-5 och EN 61547
- Driver utrustad med överhettningsskydd för optimal prestanda och säkerhet.
- Omgivningstemperatur (Ta): -40°C upp till +50°C
- Kontroll optioner: Virtual Midnight, DALI 2, Constant Flow, Flow Regulator,Lineswitch, D4i
- Tillgänglig med Zhaga Book 18 kontakt

KONSTRUKTION OCH MATERIAL

- Armaturhus av gjutet aluminium med låg kopparhalt
- Drivdonsutrymme åtkomligt utan verktyg
- Demonterbar inkopplingsplatta
- Knivkonntakt
- 4mm genomskinligt planglas
- Utbytbara PMMA linser
- Utbytbar LED modul med ESD skydd
- Kabel typ H07RN-F (Förmonterad kabel upp till 10m)
- Enkel installation: armaturen behöver inte öppnas när version med förmonterad kabel väljs,
- Installatörs och underhålls vänlig: montageplatta för drivdon utbytbar utan verktyg; linser och LED modul enkelt att byta med ett och samma verktyg
- Armaturen sammansatt helt utan användande av lim, alla delar demonterbara och återvinningsbara

GARANTI OCH CERTIFIKAT

- Garanti: 5 år
- CE /CB /ENEC /RoHs
- Riskgrupp undantagen i enlighet med standard CEI EN 62471 för fotobiologisk säkerhet (Tested IEC/TR62778)
- Kompatibel med: EN 60598-1; EN 60598-2-3
- Blyfri pulverlack med utmärkt hållbarhet för användning utomhus
- Vidhäftnings test - följer ISO 2409
- Salt spray test - NSS följer ISO 9227
- Vittringstest (accelererad) - UV följer ISO 16474-2(ex ISO 11507)
- Luftfuktighetstest - följer ISO 6270-1

ELEKTRISK DATA*

Lumen paket	Systemeffekt, max (W) 220-240V	Total ström @230V, 50Hz	Powerfaktor
2L	15W	0,07	0,94
4L	28W	0,125	0,97
6L	41W	0,181	0,98
8L	54W	0,238	0,98

*vid 25°C

REKOMENDERAD BIBEHÅLLNINGSFAKTOR (LMF)[1]
LMF K07, K10, K12, 075, 100, 125, 200, AFN & ARS

Omgivning °C	LMF iniziale	25K hr Projected2 LMF	50K hr Projected2 LMF	75K hr Calculated3 LMF	100K hr Calculated3 LMF
25°C	1	0,97	0,94	0,92	0,90

REKOMENDERAD BIBEHÅLLNINGSFAKTOR (LMF)[1]
LMF 150, SCP, PCL & PCR

Omgivning °C	LMF initial	25K hr Projected[2] LMF	50K hr Projected[2] LMF	75K hr Calculated3 LMF	100K hr Calculated3 LMF
25°C	1	0,99	0,98	0,98	0,97

[1] Underhålsvärden för ljusflöde beräknat vid 25°C, med TM-21 baserat på LM-80 data och på-platsen tester.
[2] I enlighet med IESNA TM-21-11, är värdena som visas i "Projected" kolumnen representerar interpolerade sex gånger (6X) total varaktighet i timmar av testerna (utförda enligt IESNA LM-80-08) som enheten har utsatts för ((DUT) t.ex. LED-chip).
[3] I enlighet med IESNA TM-21-11, är värdena som visas i "Projected" kolumnen representerar interpolerade mer än sex gånger (6X) total varaktighet i timmar av testerna (utförda enligt IESNA LM-80-08) som enheten har utsatts för ((DUT) t.ex. LED-chip).

ALTERNATIV MED NEMA**

FX-N	NEMA 7-pin kombinerad med fast effekt (FX)	(av-på)
VM-N	NEMA 7-pin kombinerad med midnattssänkning (VM)	(av-på)
DL-N	NEMA 7-pin ansluten till DALI 2.0 driver	(av-på + Dim)
CL-N	NEMA 7-pin kombinerad konstant ljusflöde (CLO)	(av-på)
VMC-N	NEMA 7-pin kombinerad med VM+CLO	(av-på)

av-på: NEMA möjliggör bara av-på av amaturen
av-på + Dim: NEMA möjliggör av-på och dimring av armaturen

TILLGÄNGLIGA ALTERNATIV MED ZHAGA

FX-Z	Zhaga Book 18 kontakt & D4i driver kombinerad med fast effekt (FX)
VM-Z	Zhaga Book 18 kontakt & D4i driver kombinerad med midnattssänkning (VM)
CL-Z	Zhaga Book 18 kontakt & D4i driver kombinerad konstant ljusflöde (CLO)
VMC-Z	Zhaga Book 18 kontakt & D4i driver kombinerad med VM+CLO

VIKT, kg

Vikt	6,5 kg

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CREE LIGHTING
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2023 Reservation för eventuella tryckfel

Control options - Variant S - N(Optics K07 - K10 - K12 - 075 - 100 - 125 - 200 - AFN - ARS)

FX - FIXED OUTPUT					
Setting Code	System Watts W	Nominal flux (lm)			Description
		2700K	3000K	4000K	
LUMEN PACKAGE 8L					
FXA10HA0-00001	54	6872	7782	8640	FIXED OUTPUT 54W
FXA10HA0-00002	36	4847	5489	6094	FIXED OUTPUT 36W
FXA10HA0-00003	27	3729	4223	4689	FIXED OUTPUT 27W
LUMEN PACKAGE 6L					
FXA10FA0-00001	41	5220	5911	6562	FIXED OUTPUT 41W
FXA10FA0-00002	27	3682	4169	4629	FIXED OUTPUT 27W
FXA10FA0-00003	21	2833	3208	3561	FIXED OUTPUT 21W
LUMEN PACKAGE 4L					
FXA10DA0-00001	28	3429	3883	4311	FIXED OUTPUT 28W
FXA10DA0-00002	19	2419	2739	3041	FIXED OUTPUT 19W
FXA10DA0-00003	14	1861	2107	2340	FIXED OUTPUT 14W
LUMEN PACKAGE 2L					
FXA10BA0-00001	15	1694	1918	2130	FIXED OUTPUT 15W
FXA10BA0-00002	10	1195	1353	1502	FIXED OUTPUT 10W
FXA10BA0-00003	8	919	1041	1156	FIXED OUTPUT 8W

VM - VIRTUAL MIDNIGHT (Lumen package 8L - 6L)													
Setting Code	W Max	Nominal flux (lm)			W Med	Nominal flux (lm)			W Min	Nominal flux (lm)			Description
		2700K	3000K	4000K		2700K	3000K	4000K		2700K	3000K	4000K	
LUMEN PACKAGE 8L													
VMA10HA0-0013	54	6872	7782	8640	36	4847	5178	6094	27	3729	4223	4689	VM ON-54W / 21:00-36W / 24:00-27W / 04:00-36W/06:00-54W
VMA10HA0-0014	36	4847	5489	6094	24	3363	3592	4228	19	2543	2879	3197	VM ON-36W / 21:00-24W / 24:00-19W /04:00-24W/06:00- 36W
VMA10HA0-0015	27	3729	4223	4689	19	2543	2716	3197	15	1947	2205	2448	VM ON-27W / 21:00-19W / 24:00-15W / 04:00-19W/06:00-27W
VMA10HA0-0001	54	6872	7782	8640					27	3729	4223	4689	VM ON-54W / 22:00-27W / 06:00-54W
VMA10HA0-0002	54	6872	7782	8640					36	4847	5489	6094	VM ON-54W / 22:00-36W / 06:00-54W
VMA10HA0-0003	36	4847	5489	6094					19	2543	2879	3197	VM ON-36W / 22:00-19W / 06:00-36W
VMA10HA0-0004	36	4847	5489	6094					24	3363	3808	4228	VM ON-36W / 22:00-24W / 06:00-36W
VMA10HA0-0005	27	3729	4223	4689					15	1947	2205	2448	VM ON-27W / 22:00-15W / 06:00-27W
VMA10HA0-0006	27	3729	4223	4689					19	2543	2879	3197	VM ON-27W / 22:00-19W / 06:00-27W
VMA10HA0-0007	54	6872	7782	8640					27	3729	4223	4689	VM ON-54W / 00:00-27W / 06:00-54W
VMA10HA0-0008	54	6872	7782	8640					36	4847	5489	6094	VM ON-54W / 00:00-36W / 06:00-54W
VMA10HA0-0009	36	4847	5489	6094					19	2543	2879	3197	VM ON-36W / 00:00-19W / 06:00-36W
VMA10HA0-0010	36	4847	5489	6094					24	3363	3808	4228	VM ON-36W / 00:00-24W / 06:00-36W
VMA10HA0-0011	27	3729	4223	4689					15	1947	2205	2448	VM ON-27W / 00:00-15W / 06:00-27W
VMA10HA0-0012	27	3729	4223	4689					19	2543	2879	3197	VM ON-27W / 00:00-19W / 06:00-27W
LUMEN PACKAGE 6L													
VMA10FA0-0013	41	5220	5911	6562					21	2833	3208	3561	VM ON-41W / 21:00-27W / 24:00-21W /04:00-27W/06:00- 41W
VMA10FA0-0014	27	3682	4169	4629	27	3682	4169	4629	14	1931	2187	2428	VM ON-27W / 21:00-19W / 24:00-14W /04:00-19W/06:00-27W
VMA10FA0-0015	21	2833	3208	3561	19	2554	2892	3211	11	1479	1675	1859	VM ON-21W / 21:00-14W / 24:00-11W /04:00-14W/06:00-21W
VMA10FA0-0001	41	5220	5220	6562	14	1931	2187	2428	21	2833	3208	3561	VM ON-41W / 22:00-21W / 06:00-41W
VMA10FA0-0002	41	5220	5220	6562					27	3682	3682	4629	VM ON-41W / 22:00-27W / 06:00-41W
VMA10FA0-0003	27	3682	4169	4629					14	1931	2187	2428	VM ON-27W / 22:00-14W / 06:00-27W
VMA10FA0-0004	27	3682	4169	4629					19	2554	2892	3211	VM ON-27W / 22:00-19W / 06:00-27W
VMA10FA0-0005	21	2833	3208	3561					11	1479	1675	1859	VM ON-21W / 22:00-11W / 06:00-21W
VMA10FA0-0006	21	2833	3208	3561					14	1931	1931	2428	VM ON-21W / 22:00-14W / 06:00-21W
VMA10FA0-0007	41	5220	5220	6562					21	2833	3208	3561	VM ON-41W / 00:00-21W / 06:00-41W
VMA10FA0-0008	41	5220	5220	6562					27	3682	4169	4629	VM ON-41W / 00:00-27W / 06:00-41W
VMA10FA0-0009	27	3682	4169	4629					14	1931	2187	2428	VM ON-27W / 00:00-14W / 06:00-27W
VMA10FA0-0010	27	3682	4169	4629					19	2554	2892	3211	VM ON-27W / 00:00-19W / 06:00-27W
VMA10FA0-0011	21	2833	2833	3561					11	1479	1675	1859	VM ON-21W / 00:00-11W / 06:00-21W
VMA10FA0-0012	21	2833	2833	3561					14	1931	2187	2428	VM ON-21W / 00:00-14W / 06:00-21W

Control options - Variant S - N (Optics K07 - K10 - K12 - 075 - 100 - 125 - 200 - AFN - ARS)

VM - VIRTUAL MIDNIGHT(Lumen package 4L - 2L)													
Setting Code	W Max	Nominal flux (lm)			W Med	Nominal flux (lm)			W Min	Nominal flux (lm)			Description
		2700K	3000K	4000K		2700K	3000K	4000K		2700K	3000K	4000K	
LUMEN PACKAGE 4L													
VMA10DA0-0013	28	3429	3883	4311	19	2419	2739	3041	14	1861	2107	2340	VM ON-28W / 21:00-19W / 24:00-14W / 04:00-19W/06:00-28W
VMA10DA0-0014	19	2419	2739	3041	13	1678	1900	2110	10	1269	1437	1595	VM ON-19W / 21:00-13W / 24:00-10W / 04:00-13W/06:00-19W
VMA10DA0-0015	14	1861	2107	2340	10	1269	1437	1595	8	972	1100	1221	VM ON-14 / 21:00-10W / 24:00-8W / 04:00-10W/06:00-14W
VMA10DA0-0001	28	3429	3883	4311					14	1861	2107	2340	VM ON-28W / 22:00-14W / 06:00-28W
VMA10DA0-0002	28	3429	3883	4311					19	2419	2739	3041	VM ON-28W / 22:00-19W / 06:00-28W
VMA10DA0-0003	19	2419	2739	3041					10	1269	1437	1595	VM ON-19W / 22:00-10W / 06:00-19W
VMA10DA0-0004	19	2419	2739	3041					13	1678	1900	2110	VM ON-19W / 22:00-13W / 06:00-19W
VMA10DA0-0005	14	1861	2107	2340					8	972	1100	1221	VM ON-14W / 22:00-8W / 06:00-14W
VMA10DA0-0006	14	1861	2107	2340					10	1269	1437	1595	VM ON-14W / 22:00-10W / 06:00-14W
VMA10DA0-0007	28	3429	3883	4311					14	1861	2107	2340	VM ON-28W / 00:00-14W / 06:00-28W
VMA10DA0-0008	28	3429	3883	4311					19	2419	2739	3041	VM ON-28W / 00:00-19W / 06:00-28W
VMA10DA0-0009	19	2419	2739	3041					10	1269	1437	1595	VM ON-19W / 00:00-10W / 06:00-19W
VMA10DA0-0010	19	2419	2739	3041					13	1678	1900	2110	VM ON-19W / 00:00-13W / 06:00-19W
VMA10DA0-0011	14	1861	2107	2340					8	972	1100	1221	VM ON-14W / 00:00-8W / 06:00-14W
VMA10DA0-0012	14	1861	2107	2340					10	1269	1437	1595	VM ON-14W / 00:00-10W / 06:00-14W
LUMEN PACKAGE 2L													
VMA10BA0-0013	15	1694	1918	2130	10	1195	1353	1502	8	919	1041	1156	VM ON-15W / 21:00-10W / 24:00-8W / 04:00-10W/06:00-15W
VMA10BA0-0014	10	1195	1353	1502	7	829	939	1042	5	627	710	788	VM ON-10W / 21:00-7W / 24:00-5W / 04:00-7W /06:00-10W
VMA10BA0-0015	8	919	1041	1156	5	627	710	788	4	480	543	603	VM ON-8W / 21:00-5W / 24:00-4W / 04:00-5W /06:00-8W
VMA10BA0-0001	15	1694	1918	2130					8	919	1041	1156	VM ON-15W / 22:00-8W / 06:00-15W
VMA10BA0-0002	15	1694	1918	2130					10	1195	1353	1502	VM ON-15W / 22:00-10W / 06:00-15W
VMA10BA0-0003	10	1195	1353	1502					5	627	710	788	VM ON-10W / 22:00-5W / 06:00-10W
VMA10BA0-0004	10	1195	1353	1502					7	829	939	1042	VM ON-10W / 22:00-7W / 06:00-10W
VMA10BA0-0005	8	919	1041	1156					4	480	543	603	VM ON-8W / 22:00-4W / 06:00-7W
VMA10BA0-0006	8	919	1041	1156					5	627	710	788	VM ON-8W / 22:00-5W / 06:00-7W
VMA10BA0-0007	15	1694	1918	2130					8	919	1041	1156	VM ON-15W / 00:00-8W / 06:00-15W
VMA10BA0-0008	15	1694	1918	2130					10	1195	1353	1502	VM ON-15W / 00:00-10W / 06:00-15W
VMA10BA0-0009	10	1195	1353	1502					5	627	710	788	VM ON-10W / 00:00-5W / 06:00-10W
VMA10BA0-0010	10	1195	1353	1502					7	829	939	1042	VM ON-10W / 00:00-7W / 06:00-10W
VMA10BA0-0011	8	919	1041	1156					4	480	543	603	VM ON-8W / 00:00-4W / 06:00-7W
VMA10BA0-0012	8	919	1041	1156					5	627	710	788	VM ON-8W / 00:00-5W / 06:00-7W

Control options - Variant S - N (Optics K07 - K10 - K12 075 - 100 - 125 - 200 - AFN - ARS)

DL (DALI DIMMABLE)						
Lumen Package	**Setting Code**	**System Watts W**	**Nominal flux (lm)**			**Description**
			2700K	**3000K**	**4000K**	
8L	DLE10HA0-0001	54	6872	7782	8640	DALI MAX 54W
6L	DLE10FA0-0001	41	5220	5911	6562	DALI MAX 41W
4L	DLE10DA0-0001	28	3429	3883	4311	DALI MAX 28W
2L	DLE10BA0-0001	15	1694	1918	2130	DALI MAX 15W

CL*	
Setting Code	**Description**
CL####-****	CLO 50.000 HOURS START AT 90%
CL####-****	CLO 100.000 HOURS START AT 80%

*Standard CLO to be matched to programme powers for FX option for S-N variants, please for information contact Cree Lighting Europe.

VMC*	
Setting Code	**Description**
VMC####-****	CLO 50.000 HOURS START AT 90%
VMC####-****	CLO 100.000 HOURS START AT 80%

*Standard CLO to be matched to the wattage of the VM option programmes for S-N variants, please for information contact Cree Lighting Europe.

Control options - Variant Z (Optics K07 - K10 - K12 - 075 - 100 - 125 - 200 - AFN - ARS)

FX -FIXED OUTPUT					
Setting Code	System Watts W	Nominal flux (lm)			Description
		2700K	3000K	4000K	
LUMEN PACKAGE 8L					
FXP10HA0-0001	54	6872	7782	8640	FIXED OUTPUT 54W
FXP10HA0-0002	36	4847	5489	6094	FIXED OUTPUT 36W
FXP10HA0-0003	27	3729	4223	4689	FIXED OUTPUT 27W
LUMEN PACKAGE 6L					
FXP10FA0-0001	41	5220	5911	6562	FIXED OUTPUT 41W
FXP10FA0-0002	27	3682	4169	4629	FIXED OUTPUT 27W
FXP10FA0-0003	21	2833	3208	3561	FIXED OUTPUT 21W
LUMEN PACKAGE 4L					
FXP10DA0-0001	28	3429	3883	4311	FIXED OUTPUT 28W
FXP10DA0-0002	19	2419	2739	3041	FIXED OUTPUT 19W
FXP10DA0-0003	14	1861	2107	2340	FIXED OUTPUT 14W
LUMEN PACKAGE 2L					
FXP102B0-0001	15	1694	1918	2130	FIXED OUTPUT 15W
FXP102B0-0002	10	1195	1353	1502	FIXED OUTPUT 10W
FXP102B0-0003	8	919	1041	1156	FIXED OUTPUT 8W

VM - VIRTUAL MIDNIGHT (Lumen package 8L - 6L)													
Setting Code	W Max	Nominal flux (lm)			W Med	Nominal flux (lm)			W Min	Nominal flux (lm)			Description
		2700K	3000K	4000K		2700K	3000K	4000K		2700K	3000K	4000K	
LUMEN PACKAGE 8L													
VMP10HA0-0013	54	6872	7782	8640	36	4847	5178	6094	27	3729	4223	4689	VM ON-54W / 21:00-36W / 24:00-27W / 04:00-36W/06:00-54W
VMP10HA0-0014	36	4847	5489	6094	24	3363	3592	4228	19	2543	2879	3197	VM ON-36W / 21:00-24W / 24:00-19W /04:00-24W/06:00- 36W
VMP10HA0-0015	27	3729	4223	4689	19	2543	2716	3197	15	1947	2205	2448	VM ON-27W / 21:00-19W / 24:00-15W / 04:00-19W/06:00-27W
VMP10HA0-0001	54	6872	7782	8640					27	3729	4223	4689	VM ON-54W / 22:00-27W / 06:00-54W
VMP10HA0-0002	54	6872	7782	8640					36	4847	5489	6094	VM ON-54W / 22:00-36W / 06:00-54W
VMP10HA0-0003	36	4847	5489	6094					19	2543	2879	3197	VM ON-36W / 22:00-19W / 06:00-36W
VMP10HA0-0004	36	4847	5489	6094					24	3363	3808	4228	VM ON-36W / 22:00-24W / 06:00-36W
VMP10HA0-0005	27	3729	4223	4689					15	1947	2205	2448	VM ON-27W / 22:00-15W / 06:00-27W
VMP10HA0-0006	27	3729	4223	4689					19	2543	2879	3197	VM ON-27W / 22:00-19W / 06:00-27W
VMP10HA0-0007	54	6872	7782	8640					27	3729	4223	4689	VM ON-54W / 00:00-27W / 06:00-54W
VMP10HA0-0008	54	6872	7782	8640					36	4847	5489	6094	VM ON-54W / 00:00-36W / 06:00-54W
VMP10HA0-0009	36	4847	5489	6094					19	2543	2879	3197	VM ON-36W / 00:00-19W / 06:00-36W
VMP10HA0-0010	36	4847	5489	6094					24	3363	3808	4228	VM ON-36W / 00:00-24W / 06:00-36W
VMP10HA0-0011	27	3729	4223	4689					15	1947	2205	2448	VM ON-27W / 00:00-15W / 06:00-27W
VMP10HA0-0012	27	3729	4223	4689					19	2543	2879	3197	VM ON-27W / 00:00-19W / 06:00-27W
LUMEN PACKAGE 6L													
VMP10FA0-0013	41	5220	5911	6562					21	2833	3208	3561	VM ON-41W / 21:00-27W / 24:00-21W /04:00-27W/06:00- 41W
VMP10FA0-0014	27	3682	4169	4629	27	3682	4169	4629	14	1931	2187	2428	VM ON-27W / 21:00-19W / 24:00-14W /04:00-19W/06:00-27W
VMP10FA0-0015	21	2833	3208	3561	19	2554	2892	3211	11	1479	1675	1859	VM ON-21W / 21:00-14W / 24:00-11W /04:00-14W/06:00-21W
VMP10FA0-0001	41	5220	5220	6562	14	1931	2187	2428	21	2833	3208	3561	VM ON-41W / 22:00-21W / 06:00-41W
VMP10FA0-0002	41	5220	5220	6562					27	3682	3682	4629	VM ON-41W / 22:00-27W / 06:00-41W
VMP10FA0-0003	27	3682	4169	4629					14	1931	2187	2428	VM ON-27W / 22:00-14W / 06:00-27W
VMP10FA0-0004	27	3682	4169	4629					19	2554	2892	3211	VM ON-27W / 22:00-19W / 06:00-27W
VMP10FA0-0005	21	2833	3208	3561					11	1479	1675	1859	VM ON-21W / 22:00-11W / 06:00-21W
VMP10FA0-0006	21	2833	3208	3561					14	1931	1931	2428	VM ON-21W / 22:00-14W / 06:00-21W
VMP10FA0-0007	41	5220	5220	6562					21	2833	3208	3561	VM ON-41W / 00:00-21W / 06:00-41W
VMP10FA0-0008	41	5220	5220	6562					27	3682	4169	4629	VM ON-41W / 00:00-27W / 06:00-41W
VMP10FA0-0009	27	3682	4169	4629					14	1931	2187	2428	VM ON-27W / 00:00-14W / 06:00-27W
VMP10FA0-0010	27	3682	4169	4629					19	2554	2892	3211	VM ON-27W / 00:00-19W / 06:00-27W
VMP10FA0-0011	21	2833	2833	3561					11	1479	1675	1859	VM ON-21W / 00:00-11W / 06:00-21W
VMP10FA0-0012	21	2833	2833	3561					14	1931	2187	2428	VM ON-21W / 00:00-14W / 06:00-21W

Control options - Variant Z (Optics K07 - K10 - K12 - 075 - 100 - 125 - 200 - AFN - ARS)

VM - VIRTUAL MIDNIGHT (Lumen package 4L - 2L)													
Setting Code	W Max	Nominal flux (lm)			W Med	Nominal flux (lm)			W Min	Nominal flux (lm)			Description
		2700K	3000K	4000K		2700K	3000K	4000K		2700K	3000K	4000K	
LUMEN PACKAGE 4L													
VMP10DA0-0013	28	3429	3883	4311	19	2419	2739	3041	14	1861	2107	2340	VM ON-28W / 21:00-19W / 24:00-14W / 04:00-19W/06:00-28W
VMP10DA0-0014	19	2419	2739	3041	13	1678	1900	2110	10	1269	1437	1595	VM ON-19W / 21:00-13W / 24:00-10W / 04:00-13W/06:00-19W
VMP10DA0-0015	14	1861	2107	2340	10	1269	1437	1595	8	972	1100	1221	VM ON-14 / 21:00-10W / 24:00-8W / 04:00-10W/06:00-14W
VMP10DA0-0001	28	3429	3883	4311					14	1861	2107	2340	VM ON-28W / 22:00-14W / 06:00-28W
VMP10DA0-0002	28	3429	3883	4311					19	2419	2739	3041	VM ON-28W / 22:00-19W / 06:00-28W
VMP10DA0-0003	19	2419	2739	3041					10	1269	1437	1595	VM ON-19W / 22:00-10W / 06:00-19W
VMP10DA0-0004	19	2419	2739	3041					13	1678	1900	2110	VM ON-19W / 22:00-13W / 06:00-19W
VMP10DA0-0005	14	1861	2107	2340					8	972	1100	1221	VM ON-14W / 22:00-8W / 06:00-14W
VMP10DA0-0006	14	1861	2107	2340					10	1269	1437	1595	VM ON-14W / 22:00-10W / 06:00-14W
VMP10DA0-0007	28	3429	3883	4311					14	1861	2107	2340	VM ON-28W / 00:00-14W / 06:00-28W
VMP10DA0-0008	28	3429	3883	4311					19	2419	2739	3041	VM ON-28W / 00:00-19W / 06:00-28W
VMP10DA0-0009	19	2419	2739	3041					10	1269	1437	1595	VM ON-19W / 00:00-10W / 06:00-19W
VMP10DA0-0010	19	2419	2739	3041					13	1678	1900	2110	VM ON-19W / 00:00-13W / 06:00-19W
VMP10DA0-0011	14	1861	2107	2340					8	972	1100	1221	VM ON-14W / 00:00-8W / 06:00-14W
VMP10DA0-0012	14	1861	2107	2340					10	1269	1437	1595	VM ON-14W / 00:00-10W / 06:00-14W
LUMEN PACKAGE 2L													
VMP10BA0-0013	15	1694	1918	2130	10	1195	1353	1502	8	919	1041	1156	VM ON-15W / 21:00-10W / 24:00-8W / 04:00-10W/06:00-15W
VMP10BA0-0014	10	1195	1353	1502	7	829	939	1042	5	627	710	788	VM ON-10W / 21:00-7W / 24:00-5W / 04:00-7W /06:00-10W
VMP10BA0-0015	8	919	1041	1156	5	627	710	788	4	480	543	603	VM ON-8W / 21:00-5W / 24:00-4W / 04:00-5W /06:00-8W
VMP10BA0-0001	15	1694	1918	2130					8	919	1041	1156	VM ON-15W / 22:00-8W / 06:00-15W
VMP10BA0-0002	15	1694	1918	2130					10	1195	1353	1502	VM ON-15W / 22:00-10W / 06:00-15W
VMP10BA0-0003	10	1195	1353	1502					5	627	710	788	VM ON-10W / 22:00-5W / 06:00-10W
VMP10BA0-0004	10	1195	1353	1502					7	829	939	1042	VM ON-10W / 22:00-7W / 06:00-10W
VMP10BA0-0005	8	919	1041	1156					4	480	543	603	VM ON-8W / 22:00-4W / 06:00-7W
VMP10BA0-0006	8	919	1041	1156					5	627	710	788	VM ON-8W / 22:00-5W / 06:00-7W
VMP10BA0-0007	15	1694	1918	2130					8	919	1041	1156	VM ON-15W / 00:00-8W / 06:00-15W
VMP10BA0-0008	15	1694	1918	2130					10	1195	1353	1502	VM ON-15W / 00:00-10W / 06:00-15W
VMP10BA0-0009	10	1195	1353	1502					5	627	710	788	VM ON-10W / 00:00-5W / 06:00-10W
VMP10BA0-0010	10	1195	1353	1502					7	829	939	1042	VM ON-10W / 00:00-7W / 06:00-10W
VMP10BA0-0011	8	919	1041	1156					4	480	543	603	VM ON-8W / 00:00-4W / 06:00-7W
VMP10BA0-0012	8	919	1041	1156					5	627	710	788	VM ON-8W / 00:00-5W / 06:00-7W

CL*	
Setting Code	**Description**
CL####-****	CLO 50.000 HOURS START AT 90%
CL####-****	CLO 100.000 HOURS START AT 80%

*Standard CLO to be matched to programme powers for FX option for S-N variants, please for information contact Cree Lighting Europe.

VMC*	
Setting Code	**Description**
VMC####-****	CLO 50.000 HOURS START AT 90%
VMC####-****	CLO 100.000 HOURS START AT 80%

*Standard CLO to be matched to the wattage of the VM option programmes for S-N variants, please for information contact Cree Lighting Europe.

Control options - Variant S-N (Optics 150 - SCP - PCL - PCR)

FX -FIXED OUTPUT					
Setting Code	System Watts W	Nominal flux (lm)			Description
		2700K	3000K	4000K	
LUMEN PACKAGE 8L					
FXA10HA0-00001	54	7186	7341	8640	FIXED OUTPUT 54W
FXA10HA0-00002	36	5068	5178	6094	FIXED OUTPUT 36W
FXA10HA0-00003	27	3899	3984	4689	FIXED OUTPUT 27W
LUMEN PACKAGE 6L					
FXA10FA0-00001	41	5458	5576	6562	FIXED OUTPUT 41W
FXA10FA0-00002	27	3850	3933	4629	FIXED OUTPUT 27W
FXA10FA0-00003	21	2962	3026	3561	FIXED OUTPUT 21W
LUMEN PACKAGE 4L					
FXA10DA0-00001	28	3585	3663	4311	FIXED OUTPUT 28W
FXA10DA0-00002	19	2529	2583	3041	FIXED OUTPUT 19W
FXA10DA0-00003	14	1946	1988	2340	FIXED OUTPUT 14W
LUMEN PACKAGE 2L					
FXA10BA0-00001	15	1771	1809	2130	FIXED OUTPUT 15W
FXA10BA0-00002	10	1249	1276	1502	FIXED OUTPUT 10W
FXA10BA0-00003	8	961	982	1156	FIXED OUTPUT 8W

VM - VIRTUAL MIDNIGHT (Lumen package 8L - 6L)													
Setting Code	W Max	Nominal flux (lm)			W Med	Nominal flux (lm)			W Min	Nominal flux (lm)			Description
		2700K	3000K	4000K		2700K	3000K	4000K		2700K	3000K	4000K	
LUMEN PACKAGE 8L													
VMA10HA0-0013	54	7186	7341	8640	36	5068	5178	6094	27	3899	3984	4689	VM ON-54W / 21:00-36W / 24:00-27W / 04:00-36W/06:00-54W
VMA10HA0-0014	36	5068	5178	6094	24	3516	3592	4228	19	2659	2716	3197	VM ON-36W / 21:00-24W / 24:00-19W /04:00-24W/06:00- 36W
VMA10HA0-0015	27	3899	3984	4689	19	2659	2716	3197	15	2036	2080	2448	VM ON-27W / 21:00-19W / 24:00-15W / 04:00-19W/06:00-27W
VMA10HA0-0001	54	7186	7341	8640					27	3899	3984	4689	VM ON-54W / 22:00-27W / 06:00-54W
VMA10HA0-0002	54	7186	7341	8640					36	5068	5178	6094	VM ON-54W / 22:00-36W / 06:00-54W
VMA10HA0-0003	36	5068	5178	6094					19	2659	2716	3197	VM ON-36W / 22:00-19W / 06:00-36W
VMA10HA0-0004	36	5068	5178	6094					24	3516	3592	4228	VM ON-36W / 22:00-24W / 06:00-36W
VMA10HA0-0005	27	3899	3984	4689					15	2036	2080	2448	VM ON-27W / 22:00-15W / 06:00-27W
VMA10HA0-0006	27	3899	3984	4689					19	2659	2716	3197	VM ON-27W / 22:00-19W / 06:00-27W
VMA10HA0-0007	54	7186	7341	8640					27	3899	3984	4689	VM ON-54W / 00:00-27W / 06:00-54W
VMA10HA0-0008	54	7186	7341	8640					36	5068	5178	6094	VM ON-54W / 00:00-36W / 06:00-54W
VMA10HA0-0009	36	5068	5178	6094					19	2659	2716	3197	VM ON-36W / 00:00-19W / 06:00-36W
VMA10HA0-0010	36	5068	5178	6094					24	3516	3592	4228	VM ON-36W / 00:00-24W / 06:00-36W
VMA10HA0-0011	27	3899	3984	4689					15	2036	2080	2448	VM ON-27W / 00:00-15W / 06:00-27W
VMA10HA0-0012	27	3899	3984	4689					19	2659	2716	3197	VM ON-27W / 00:00-19W / 06:00-27W
LUMEN PACKAGE 6L													
VMA10FA0-0013	41	5458	5576	6562					21	2962	3026	3561	VM ON-41W / 21:00-27W / 24:00-21W /04:00-27W/06:00- 41W
VMA10FA0-0014	27	3850	3933	4629	27	3850	3933	4629	14	2019	2063	2428	VM ON-27W / 21:00-19W / 24:00-14W /04:00-19W/06:00-27W
VMA10FA0-0015	21	2962	3026	3561	19	2671	2728	3211	11	1546	1580	1859	VM ON-21W / 21:00-14W / 24:00-11W /04:00-14W/06:00-21W
VMA10FA0-0001	41	5458	5576	6562	14	2019	2063	2428	21	2962	3026	3561	VM ON-41W / 22:00-21W / 06:00-41W
VMA10FA0-0002	41	5458	5576	6562					27	3850	3933	4629	VM ON-41W / 22:00-27W / 06:00-41W
VMA10FA0-0003	27	3850	3933	4629					14	2019	2063	2428	VM ON-27W / 22:00-14W / 06:00-27W
VMA10FA0-0004	27	3850	3933	4629					19	2671	2728	3211	VM ON-27W / 22:00-19W / 06:00-27W
VMA10FA0-0005	21	2962	3026	3561					11	1546	1580	1859	VM ON-21W / 22:00-11W / 06:00-21W
VMA10FA0-0006	21	2962	3026	3561					14	2019	2063	2428	VM ON-21W / 22:00-14W / 06:00-21W
VMA10FA0-0007	41	5458	5576	6562					21	2962	3026	3561	VM ON-41W / 00:00-21W / 06:00-41W
VMA10FA0-0008	41	5458	5576	6562					27	3850	3933	4629	VM ON-41W / 00:00-27W / 06:00-41W
VMA10FA0-0009	27	3850	3933	4629					14	2019	2063	2428	VM ON-27W / 00:00-14W / 06:00-27W
VMA10FA0-0010	27	3850	3933	4629					19	2671	2728	3211	VM ON-27W / 00:00-19W / 06:00-27W
VMA10FA0-0011	21	2962	3026	3561					11	1546	1580	1859	VM ON-21W / 00:00-11W / 06:00-21W
VMA10FA0-0012	21	2962	3026	3561					14	2019	2063	2428	VM ON-21W / 00:00-14W / 06:00-21W

Control options - Variant S-N (Optics 150 - SCP - PCL - PCR)

VM - VIRTUAL MIDNIGHT (Lumen package 4L - 2L)													
Setting Code	W Max	Nominal flux (lm)			W Med	Nominal flux (lm)			W Min	Nominal flux (lm)			Description
		2700K	3000K	4000K		2700K	3000K	4000K		2700K	3000K	4000K	
LUMEN PACKAGE 4L													
VMA10DA0-0013	28	3585	3663	4311	19	2529	2583	3041	14	1946	1988	2340	VM ON-28W / 21:00-19W / 24:00-14W / 04:00-19W/06:00-28W
VMA10DA0-0014	19	2529	2583	3041	13	1754	1792	2110	10	1327	1355	1595	VM ON-19W / 21:00-13W / 24:00-10W / 04:00-13W/06:00-19W
VMA10DA0-0015	14	1946	1988	2340	10	1327	1355	1595	8	1016	1038	1221	VM ON-14 / 21:00-10W / 24:00-8W / 04:00-10W/06:00-14W
VMA10DA0-0001	28	3585	3663	4311					14	1946	1988	2340	VM ON-28W / 22:00-14W / 06:00-28W
VMA10DA0-0002	28	3585	3663	4311					19	2529	2583	3041	VM ON-28W / 22:00-19W / 06:00-28W
VMA10DA0-0003	19	2529	2583	3041					10	1327	1355	1595	VM ON-19W / 22:00-10W / 06:00-19W
VMA10DA0-0004	19	2529	2583	3041					13	1754	1792	2110	VM ON-19W / 22:00-13W / 06:00-19W
VMA10DA0-0005	14	1946	1988	2340					8	1016	1038	1221	VM ON-14W / 22:00-8W / 06:00-14W
VMA10DA0-0006	14	1946	1988	2340					10	1327	1355	1595	VM ON-14W / 22:00-10W / 06:00-14W
VMA10DA0-0007	28	3585	3663	4311					14	1946	1988	2340	VM ON-28W / 00:00-14W / 06:00-28W
VMA10DA0-0008	28	3585	3663	4311					19	2529	2583	3041	VM ON-28W / 00:00-19W / 06:00-28W
VMA10DA0-0009	19	2529	2583	3041					10	1327	1355	1595	VM ON-19W / 00:00-10W / 06:00-19W
VMA10DA0-0010	19	2529	2583	3041					13	1754	1792	2110	VM ON-19W / 00:00-13W / 06:00-19W
VMA10DA0-0011	14	1946	1988	2340					8	1016	1038	1221	VM ON-14W / 00:00-8W / 06:00-14W
VMA10DA0-0012	14	1946	1988	2340					10	1327	1355	1595	VM ON-14W / 00:00-10W / 06:00-14W
LUMEN PACKAGE 2L													
VMA10BA0-0013	15	1771	1809	2130	10	1249	1276	1502	8	961	982	1156	VM ON-15W / 21:00-10W / 24:00-8W / 04:00-10W/06:00-15W
VMA10BA0-0014	10	1249	1276	1502	7	867	885	1042	5	655	669	788	VM ON-10W / 21:00-7W / 24:00-5W / 04:00-7W /06:00-10W
VMA10BA0-0015	8	961	982	1156	5	655	669	788	4	502	513	603	VM ON-8W / 21:00-5W / 24:00-4W / 04:00-5W /06:00-8W
VMA10BA0-0001	15	1771	1809	2130					8	961	982	1156	VM ON-15W / 22:00-8W / 06:00-15W
VMA10BA0-0002	15	1771	1809	2130					10	1249	1276	1502	VM ON-15W / 22:00-10W / 06:00-15W
VMA10BA0-0003	10	1249	1276	1502					5	655	669	788	VM ON-10W / 22:00-5W / 06:00-10W
VMA10BA0-0004	10	1249	1276	1502					7	867	885	1042	VM ON-10W / 22:00-7W / 06:00-10W
VMA10BA0-0005	8	961	982	1156					4	502	513	603	VM ON-8W / 22:00-4W / 06:00-7W
VMA10BA0-0006	8	961	982	1156					5	655	669	788	VM ON-8W / 22:00-5W / 06:00-7W
VMA10BA0-0007	15	1771	1809	2130					8	961	982	1156	VM ON-15W / 00:00-8W / 06:00-15W
VMA10BA0-0008	15	1771	1809	2130					10	1249	1276	1502	VM ON-15W / 00:00-10W / 06:00-15W
VMA10BA0-0009	10	1249	1276	1502					5	655	669	788	VM ON-10W / 00:00-5W / 06:00-10W
VMA10BA0-0010	10	1249	1276	1502					7	867	885	1042	VM ON-10W / 00:00-7W / 06:00-10W
VMA10BA0-0011	8	961	982	1156					4	502	513	603	VM ON-8W / 00:00-4W / 06:00-7W
VMA10BA0-0012	8	961	982	1156					5	655	669	788	VM ON-8W / 00:00-5W / 06:00-7W

Control options - Variant S-N (Optics 150 - SCP - PCL - PCR)

DL - DALI DIMMABLE						
Lumen Package	**System Watts W**	**Nominal flux (lm)**	**Description**			**Description**
			2700K	**3000K**	**4000K**	
8L	DLE10HA0-0001	54	7186	7341	8640	DALI MAX 54W
6L	DLE10FA0-0001	41	5458	5576	6562	DALI MAX 41W
4L	DLE10DA0-0001	28	3585	3663	4311	DALI MAX 28W
2L	DLE10BA0-0001	15	1771	1809	2130	DALI MAX 15W

CL*	
Setting Code	**Description**
CL####-****	CLO 50.000 HOURS START AT 90%
CL####-****	CLO 100.000 HOURS START AT 80%

*Standard CLO to be matched to programme powers for FX option for S-N variants, please for information contact Cree Lighting Europe.

VMC*	
Setting Code	**Description**
VMC####-****	CLO 50.000 HOURS START AT 90%
VMC####-****	CLO 100.000 HOURS START AT 80%

*Standard CLO to be matched to the wattage of the VM option programmes for S-N variants, please for information contact Cree Lighting Europe.

Control options - Variant Z (Optics 150 - SCP - PCL - PCR)

FX - FIXED OUTPUT					
Setting Code	Potenza di sistema W	Nominal flux (lm)			Description
		2700K	3000K	4000K	
LUMEN PACKAGE 8L					
FXP10HA0-0001	54	7186	7341	8640	FIXED OUTPUT 54W
FXP10HA0-0002	36	5068	5178	6094	FIXED OUTPUT 36W
FXP10HA0-0003	27	3899	3984	4689	FIXED OUTPUT 27W
LUMEN PACKAGE 6L					
FXP10FA0-0001	41	5458	5576	6562	FIXED OUTPUT 41W
FXP10FA0-0002	27	3850	3933	4629	FIXED OUTPUT 27W
FXP10FA0-0003	21	2962	3026	3561	FIXED OUTPUT 21W
LUMEN PACKAGE 4L					
FXP10DA0-0001	28	3585	3663	4311	FIXED OUTPUT 28W
FXP10DA0-0002	19	2529	2583	3041	FIXED OUTPUT 19W
FXP10DA0-0003	14	1946	1988	2340	FIXED OUTPUT 14W
LUMEN PACKAGE 2L					
FXP102B0-0001	15	1771	1809	2130	FIXED OUTPUT 15W
FXP102B0-0002	10	1249	1276	1502	FIXED OUTPUT 10W
FXP102B0-0003	8	961	982	1156	FIXED OUTPUT 8W

VM - VIRTUAL MIDNIGHT (Lumen package 8L - 6L)													
Setting Code	W Max	Nominal flux (lm)			W Med	Nominal flux (lm)			W Min	Nominal flux (lm)			Description
		2700K	3000K	4000K		2700K	3000K	4000K		2700K	3000K	4000K	
LUMEN PACKAGE 8L													
VMP10HA0-0013	54	7186	7341	8640	36	5068	5178	6094	27	3899	3984	4689	VM ON-54W / 21:00-36W / 24:00-27W / 04:00-36W/06:00-54W
VMP10HA0-0014	36	5068	5178	6094	24	3516	3592	4228	19	2659	2716	3197	VM ON-36W / 21:00-24W / 24:00-19W /04:00-24W/06:00- 36W
VMP10HA0-0015	27	3899	3984	4689	19	2659	2716	3197	15	2036	2080	2448	VM ON-27W / 21:00-19W / 24:00-15W / 04:00-19W/06:00-27W
VMP10HA0-0001	54	7186	7341	8640					27	3899	3984	4689	VM ON-54W / 22:00-27W / 06:00-54W
VMP10HA0-0002	54	7186	7341	8640					36	5068	5178	6094	VM ON-54W / 22:00-36W / 06:00-54W
VMP10HA0-0003	36	5068	5178	6094					19	2659	2716	3197	VM ON-36W / 22:00-19W / 06:00-36W
VMP10HA0-0004	36	5068	5178	6094					24	3516	3592	4228	VM ON-36W / 22:00-24W / 06:00-36W
VMP10HA0-0005	27	3899	3984	4689					15	2036	2080	2448	VM ON-27W / 22:00-15W / 06:00-27W
VMP10HA0-0006	27	3899	3984	4689					19	2659	2716	3197	VM ON-27W / 22:00-19W / 06:00-27W
VMP10HA0-0007	54	7186	7341	8640					27	3899	3984	4689	VM ON-54W / 00:00-27W / 06:00-54W
VMP10HA0-0008	54	7186	7341	8640					36	5068	5178	6094	VM ON-54W / 00:00-36W / 06:00-54W
VMP10HA0-0009	36	5068	5178	6094					19	2659	2716	3197	VM ON-36W / 00:00-19W / 06:00-36W
VMP10HA0-0010	36	5068	5178	6094					24	3516	3592	4228	VM ON-36W / 00:00-24W / 06:00-36W
VMP10HA0-0011	27	3899	3984	4689					15	2036	2080	2448	VM ON-27W / 00:00-15W / 06:00-27W
VMP10HA0-0012	27	3899	3984	4689					19	2659	2716	3197	VM ON-27W / 00:00-19W / 06:00-27W
LUMEN PACKAGE 6L													
VMP10FA0-0013	41	5458	5576	6562					21	2962	3026	3561	VM ON-41W / 21:00-27W / 24:00-21W /04:00-27W/06:00- 41W
VMP10FA0-0014	27	3850	3933	4629	27	3850	3933	4629	14	2019	2063	2428	VM ON-27W / 21:00-19W / 24:00-14W /04:00-19W/06:00-27W
VMP10FA0-0015	21	2962	3026	3561	19	2671	2728	3211	11	1546	1580	1859	VM ON-21W / 21:00-14W / 24:00-11W /04:00-14W/06:00-21W
VMP10FA0-0001	41	5458	5576	6562	14	2019	2063	2428	21	2962	3026	3561	VM ON-41W / 22:00-21W / 06:00-41W
VMP10FA0-0002	41	5458	5576	6562					27	3850	3933	4629	VM ON-41W / 22:00-27W / 06:00-41W
VMP10FA0-0003	27	3850	3933	4629					14	2019	2063	2428	VM ON-27W / 22:00-14W / 06:00-27W
VMP10FA0-0004	27	3850	3933	4629					19	2671	2728	3211	VM ON-27W / 22:00-19W / 06:00-27W
VMP10FA0-0005	21	2962	3026	3561					11	1546	1580	1859	VM ON-21W / 22:00-11W / 06:00-21W
VMP10FA0-0006	21	2962	3026	3561					14	2019	2063	2428	VM ON-21W / 22:00-14W / 06:00-21W
VMP10FA0-0007	41	5458	5576	6562					21	2962	3026	3561	VM ON-41W / 00:00-21W / 06:00-41W
VMP10FA0-0008	41	5458	5576	6562					27	3850	3933	4629	VM ON-41W / 00:00-27W / 06:00-41W
VMP10FA0-0009	27	3850	3933	4629					14	2019	2063	2428	VM ON-27W / 00:00-14W / 06:00-27W
VMP10FA0-0010	27	3850	3933	4629					19	2671	2728	3211	VM ON-27W / 00:00-19W / 06:00-27W
VMP10FA0-0011	21	2962	3026	3561					11	1546	1580	1859	VM ON-21W / 00:00-11W / 06:00-21W
VMP10FA0-0012	21	2962	3026	3561					14	2019	2063	2428	VM ON-21W / 00:00-14W / 06:00-21W

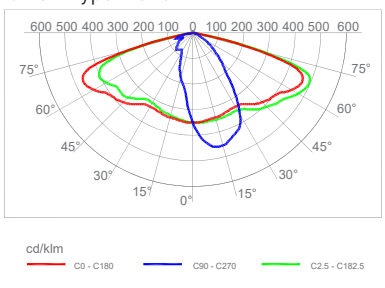
Control options - Variant Z (Optics 150 - SCP - PCL - PCR)

VM - VIRTUAL MIDNIGHT (Lumen package 4L - 2L)													
Setting Code	W Max	Nominal flux (lm)			W Med	Nominal flux (lm)			W Min	Nominal flux (lm)			Description
		2700K	3000K	4000K		2700K	3000K	4000K		2700K	3000K	4000K	
LUMEN PACKAGE 4L													
VMP10DA0-0013	28	3585	3663	4311	19	2529	2583	3041	14	1946	1988	2340	VM ON-28W / 21:00-19W / 24:00-14W / 04:00-19W/06:00-28W
VMP10DA0-0014	19	2529	2583	3041	13	1754	1792	2110	10	1327	1355	1595	VM ON-19W / 21:00-13W / 24:00-10W / 04:00-13W/06:00-19W
VMP10DA0-0015	14	1946	1988	2340	10	1327	1355	1595	8	1016	1038	1221	VM ON-14 / 21:00-10W / 24:00-8W / 04:00-10W/06:00-14W
VMP10DA0-0001	28	3585	3663	4311					14	1946	1988	2340	VM ON-28W / 22:00-14W / 06:00-28W
VMP10DA0-0002	28	3585	3663	4311					19	2529	2583	3041	VM ON-28W / 22:00-19W / 06:00-28W
VMP10DA0-0003	19	2529	2583	3041					10	1327	1355	1595	VM ON-19W / 22:00-10W / 06:00-19W
VMP10DA0-0004	19	2529	2583	3041					13	1754	1792	2110	VM ON-19W / 22:00-13W / 06:00-19W
VMP10DA0-0005	14	1946	1988	2340					8	1016	1038	1221	VM ON-14W / 22:00-8W / 06:00-14W
VMP10DA0-0006	14	1946	1988	2340					10	1327	1355	1595	VM ON-14W / 22:00-10W / 06:00-14W
VMP10DA0-0007	28	3585	3663	4311					14	1946	1988	2340	VM ON-28W / 00:00-14W / 06:00-28W
VMP10DA0-0008	28	3585	3663	4311					19	2529	2583	3041	VM ON-28W / 00:00-19W / 06:00-28W
VMP10DA0-0009	19	2529	2583	3041					10	1327	1355	1595	VM ON-19W / 00:00-10W / 06:00-19W
VMP10DA0-0010	19	2529	2583	3041					13	1754	1792	2110	VM ON-19W / 00:00-13W / 06:00-19W
VMP10DA0-0011	14	1946	1988	2340					8	1016	1038	1221	VM ON-14W / 00:00-8W / 06:00-14W
VMP10DA0-0012	14	1946	1988	2340					10	1327	1355	1595	VM ON-14W / 00:00-10W / 06:00-14W
LUMEN PACKAGE 2L													
VMP10BA0-0013	15	1771	1809	2130	10	1249	1276	1502	8	961	982	1156	VM ON-15W / 21:00-10W / 24:00-8W / 04:00-10W/06:00-15W
VMP10BA0-0014	10	1249	1276	1502	7	867	885	1042	5	655	669	788	VM ON-10W / 21:00-7W / 24:00-5W / 04:00-7W /06:00-10W
VMP10BA0-0015	8	961	982	1156	5	655	669	788	4	502	513	603	VM ON-8W / 21:00-5W / 24:00-4W / 04:00-5W /06:00-8W
VMP10BA0-0001	15	1771	1809	2130					8	961	982	1156	VM ON-15W / 22:00-8W / 06:00-15W
VMP10BA0-0002	15	1771	1809	2130					10	1249	1276	1502	VM ON-15W / 22:00-10W / 06:00-15W
VMP10BA0-0003	10	1249	1276	1502					5	655	669	788	VM ON-10W / 22:00-5W / 06:00-10W
VMP10BA0-0004	10	1249	1276	1502					7	867	885	1042	VM ON-10W / 22:00-7W / 06:00-10W
VMP10BA0-0005	8	961	982	1156					4	502	513	603	VM ON-8W / 22:00-4W / 06:00-7W
VMP10BA0-0006	8	961	982	1156					5	655	669	788	VM ON-8W / 22:00-5W / 06:00-7W
VMP10BA0-0007	15	1771	1809	2130					8	961	982	1156	VM ON-15W / 00:00-8W / 06:00-15W
VMP10BA0-0008	15	1771	1809	2130					10	1249	1276	1502	VM ON-15W / 00:00-10W / 06:00-15W
VMP10BA0-0009	10	1249	1276	1502					5	655	669	788	VM ON-10W / 00:00-5W / 06:00-10W
VMP10BA0-0010	10	1249	1276	1502					7	867	885	1042	VM ON-10W / 00:00-7W / 06:00-10W
VMP10BA0-0011	8	961	982	1156					4	502	513	603	VM ON-8W / 00:00-4W / 06:00-7W
VMP10BA0-0012	8	961	982	1156					5	655	669	788	VM ON-8W / 00:00-5W / 06:00-7W

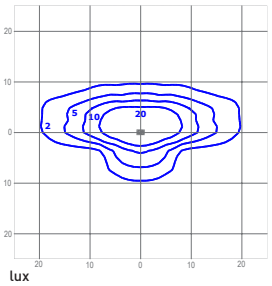
Photometry

All published luminaire photometric testing performed by an exsternal certified ISO 17025 laboratory.
To obtain an IES file specific to your project consult: www.creelighting-europe.com

075 - Type II Short



Test Report #:1088-QL20-R18



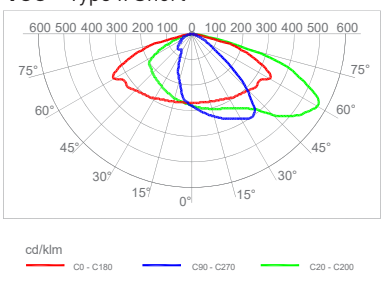
TRSA-2-075-8L-407
Mounting Height: 6m

LUMEN OUTPUT - 075 (Type II Short)

Lumen Package	2700K	3000K	4000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	1450	1650	1850
4L	2950	3400	3750
6L	4550	5150	5700
8L	5950	6800	7516

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

100 - Type II Short



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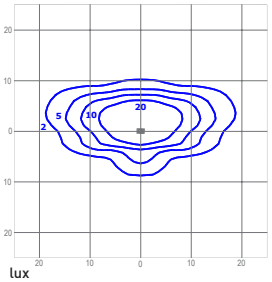


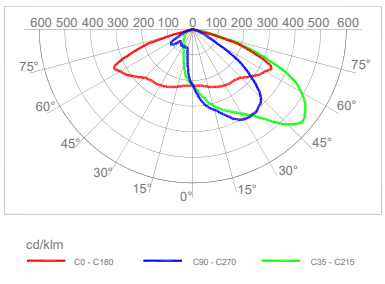
TRSA-2-100-8L-407
Mounting Height: 6m

LUMEN OUTPUT - 100 (Type II Short)

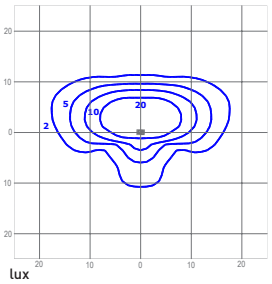
Lumen Package	2700K	3000K	4000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	1400	1600	1800
4L	2900	3300	3650
6L	4400	5000	5550
8L	5820	6590	7317

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

125 - Type II Short



Test Report #: 1088-QL20-R19



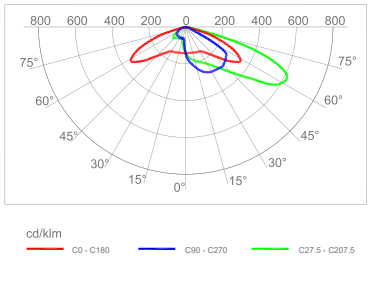
TRSA-2-125-8L-407
Mounting Height: 6m

LUMEN OUTPUT -125 (Type II Short)

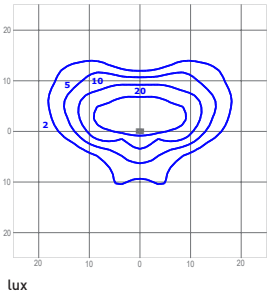
Lumen Package	2700K	3000K	4000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	1450	1650	1850
4L	2950	3400	3750
6L	4550	5150	5700
8L	5950	6800	7475

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

150 - Type III Short



Test Report #: 1088-QL21-S03



TRSA-2-150-8L-407
Mounting Height: 6m

LUMEN OUTPUT - 150 (Type III Short)

Lumen Package	2700K	3000K	4000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	1590	1625	1912
4L	3219	3289	3871
6L	4901	5006	5893
8L	6452	6591	7758

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

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Photometry

All published luminaire photometric testing performed by an exsternal certified ISO 17025 laboratory.
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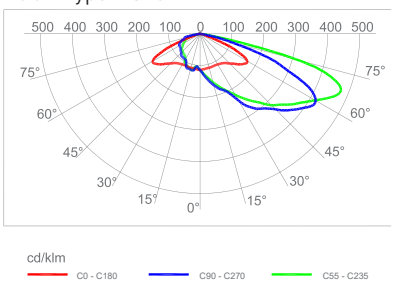
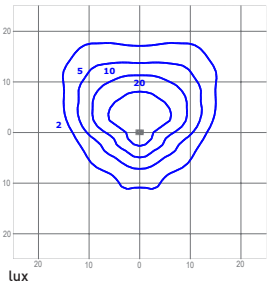
200 - Type II Short



Test Report #:1088-QL20-S05

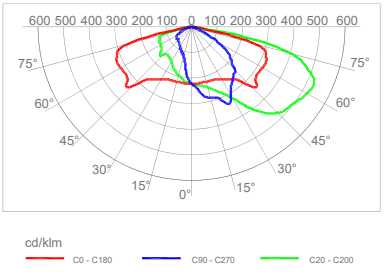


TRSA-2-200-8L-407
Mounting Height: 6m

LUMEN OUTPUT - 200 (Type II Short)			
Lumen Package	**2700K** Initial Delivered Lumens*	**3000K** Initial Delivered Lumens*	**4000K** Initial Delivered Lumens*
2L	1439	1629	1809
4L	2913	3299	3662
6L	4435	5021	5575
8L	5838	6611	7340

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

SCP - Type II Short



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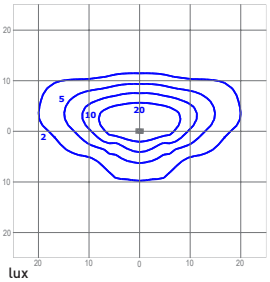
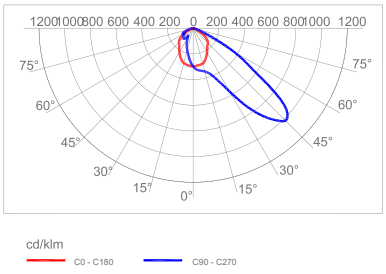


TRSA-2-SCP-8L-407
Mounting Height: 6m

LUMEN OUTPUT - SCP (Type II Short)			
Lumen Package	**2700K** Initial Delivered Lumens*	**3000K** Initial Delivered Lumens*	**4000K** Initial Delivered Lumens*
2L	1400	1600	1800
4L	2900	3300	3650
6L	4400	5000	5550
8L	5820	6590	7317

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

AFN - Area Flood Narrow



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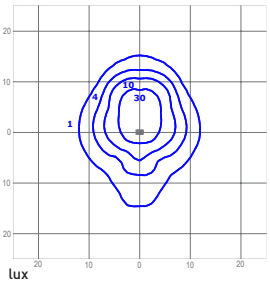
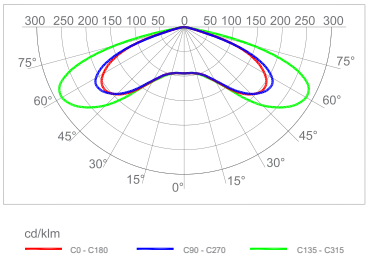


TRSA-2-AFN-8L-407
Mounting Height: 6m

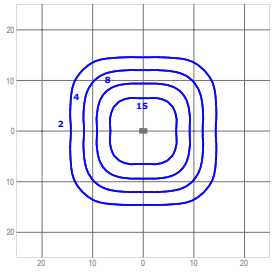
LUMEN OUTPUT - AFN (Area Flood Narrow)			
Lumen Package	**2700K** Initial Delivered Lumens*	**3000K** Initial Delivered Lumens*	**4000K** Initial Delivered Lumens*
2L	1463	1656	1839
4L	2961	3353	3723
6L	4508	5104	5667
8L	5935	6720	7461

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

ARS - Roto-Symmetric Area



Test Report #: 1088-QL21-S05



TRSA-2-ARS-8L-407
Mounting Height: 6m

LUMEN OUTPUT - ARS (Roto-Symmetric Area)			
Lumen Package	**2700K** Initial Delivered Lumens*	**3000K** Initial Delivered Lumens*	**4000K** Initial Delivered Lumens*
2L	1475	1670	1854
4L	2986	3381	3754
6L	4546	5147	5715
8L	5985	6777	7524

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

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Photometry

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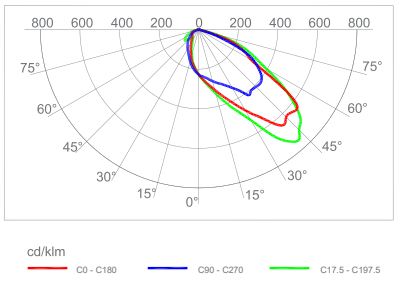
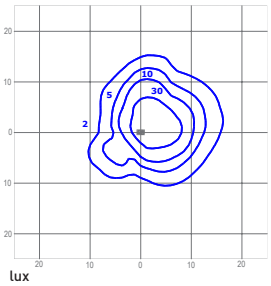
PCR - Pedestrian Crossing Right



Test Report #:1088-QL21-S03

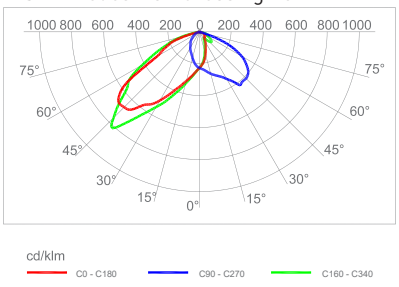


TRSA-2-PCR-8L-407
Mounting Height: 6m

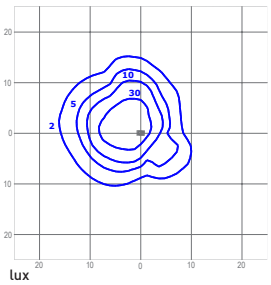
LUMEN OUTPUT - PCR (Pedestrian Crossing Right)			
Lumen Package	**2700K**	**3000K**	**4000K**
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	1622	1657	1951
4L	3285	3355	3949
6L	5000	5108	6012
8L	6583	6725	7915

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

PCL - Pedestrian Crossing Left



Test Report #: 1088-QL21-S04

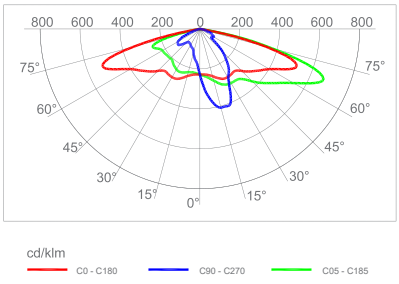


TRSA-2-PCL-8L-407
Mounting Height: 6m

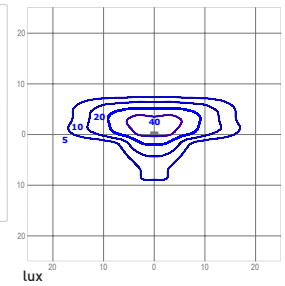
LUMEN OUTPUT - PCL (Pedetrain Crossing Left)			
Lumen Package	**2700K**	**3000K**	**4000K**
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	1633	1668	1963
4L	3305	3377	3974
6L	5031	5140	6050
8L	6624	6767	7965

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

K07 - Narrow Street



Test Report #: 1088-QL21-S05

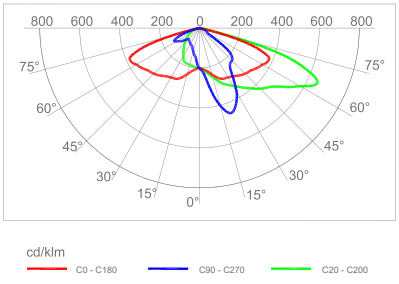


TRMA-2-K07-8L-407
Mounting Height: 6m

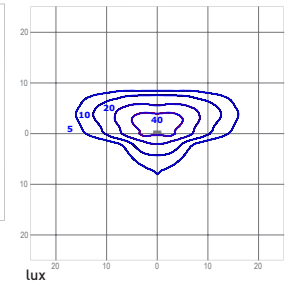
LUMEN OUTPUT - K07 (Narrow Street)			
Lumen Package	**2700K**	**3000K**	**4000K**
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	1538	1742	1934
4L	3114	3526	3915
6L	4740	5367	5959
8L	6241	7067	7846

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

K10 - Medium Street



Test Report #: 1088-QL21-S06



TRMA-2-K10-8L-407
Mounting Height: 6m

LUMEN OUTPUT - K10(Medium Street)			
Lumen Package	**2700K**	**3000K**	**4000K**
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
2L	1540	1743	1936
4L	3117	3529	3918
6L	4745	5372	5965
8L	6247	7073	7853

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

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Photometry

All published luminaire photometric testing performed by an exsternal certified ISO 17025 laboratory.
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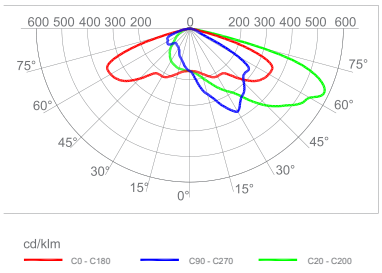
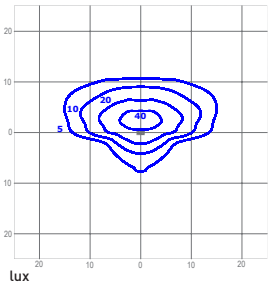
K12 - Broad Street



Test Report #:1088-QL21-S07



TRMA-2-K12-8L-407
Mounting Height: 6m

LUMEN OUTPUT - K12 (Broad Street)			
Lumen Package	**2700K** Initial Delivered Lumens*	**3000K** Initial Delivered Lumens*	**4000K** Initial Delivered Lumens*
2L	1507	1706	1895
4L	3051	3455	3836
6L	4644	5259	5839
8L	6114	6924	7687

* Initial delivered lumens at 25˚C (77˚F). Actual production yield may vary between -4 and +10% of initial delivered lumens

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