

Product Sheet

ROADWAY LIGHTING

Roadway lighting for pedestrian roadways, streets and highways. Area and site lighting for parking lot, playground, sport area, campuses etc. Available to replace traditional MH or HPS luminaires up to 600W.

Construction – Air-flow through anodized heat sink design provides perfect heat management. Smooth and glossy processing with natural clean system prevents debris build-up and minimizes wind loading. Modular design optimizes

construction and assembly, allows for easy maintenance, upgrade and SKD for local assembly. Tool-less access to the down-opening driver door makes easy maintenance and installation. Dual pipe clamps mounting system fitted to 1-5/8 to 2-3/8 in (O.D.) mast-arms accommodates safety and stability, 3G vibration tested per ANSI C136.31 bridge and over-pass. Capable of being adjusted the degree of +5, +2.5, 0, -2.5, -5. Bubble gage is included for leveling. Rugged die-cast aluminum housing with corrosion resistant powder coating hardware withstands extreme climate changes without cracking or peeling. Suitable for Wet/Damp/Dry Location.

LED & Optics - Advanced CREE LED technology is applied for high efficiency and long life (Calculated $L70 > 100,000h @ T_a = 40C/104F$). IESNA LM80 approved. Pure white 5000K (4500-5300K) & Natural white 4000K (3700-4300K) with CRI > 70 and LPW up to 100lm are available.

Precise optic lens in high intensity PC material with Type II & Type III cut-off provides high uniformity and optimal luminaire spacing, the optical system optimizes the light distribution, eliminate the waste of light, promote the reasonable and effective using of light.

IP66 Optics per IEC60529.

Electronics - Philips Advance universal driver is available in 120-277Vac or 347-480Vac (coming soon), 50/60Hz, power factor > 0.95 and THD < 20% at full load. Class I output, FCC Title 47 Class A, Subpart B, Section 15 compliant. Current Selector is optional for 350mA, 530mA & 700mA. SPD (10KV/10KA) provides protection and meets ANSI/IEEE C62.41 for Location Category C-High & UL1449. Tool-less 360 degree rotatable twist-lock photocell control ANSI C136.10 compliant in 3-wire, 5-wire or 7-wire is available for options. 0-10V dimming is available for options, control by others. Terminal block is for #2-14 AWG cables.

Listing - UL/CUL 1598 listed (pending), RoHS compliant.

Warranty - 5 years limited



POWERED BY
PHILIPS

LED BY
CREE



Ordering information

ROADWAY LIGHTING



Series	#of module	-	Voltage	LED driving current	CCT	Optics	LED bin	-	Options
HLSL	2	-	U	S	5K	2M	C3	-	PCVD
HLSL	2 3 4 5 6 7 8		U: 120-277Vac H: 347-480Vac	S: 700mA M: 700mA 525mA 350mA	4K: 4000K 5K: 5000K	2M: Type 2M 3M: Type 3M	C3: standard (90LPW) C4: hi-efficiency (100LPW)		BL: back light control PR ¹ : ANSI 3-wire photocell receptacle PR5 ¹ : ANSI 5-wire photocell receptacle PR7 ¹ : ANSI 7-wire photocell receptacle PC ² : photocell control VD ¹ : 0-10V dimming

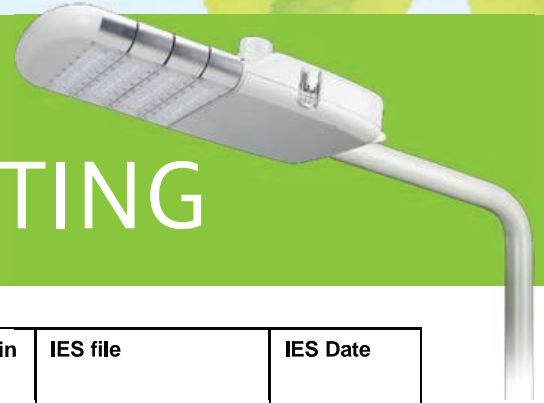
Consult your sales representative for the options, the lead time will be varied depending on the options selected.

1. Control by others.
2. Not available to 347-480Vac.



Electrical Data

ROADWAY LIGHTING

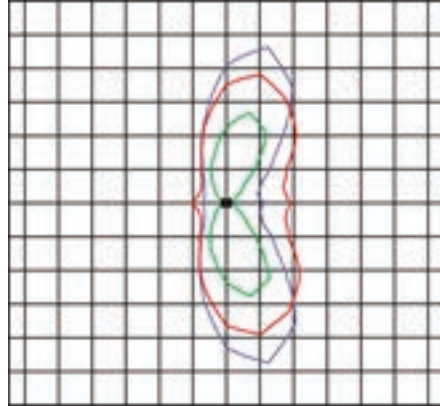
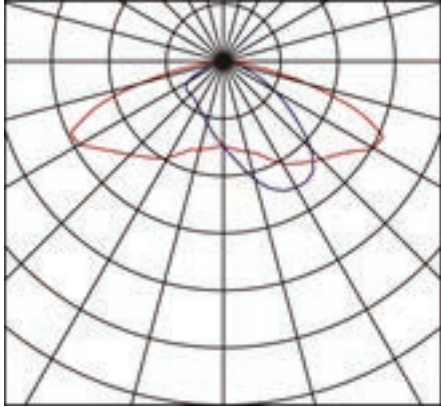


Cat. No.	CCT	Power (W)	Initial Lumen (lm)	Efficiency (LPW)	Optics	LED bin	IES file	IES Date
HLSL2-US4K2MC4	4000K	62	6111	99	2M	C4	HLSL2-US4K2MC4.ies	03/27/14
HLSL2-US4K3MC4	4000K	62	6180	100	3M	C4	HLSL2-US4K2MC4.ies	03/28/14
HLSL3-US4K2MC4	4000K	93	9074	98	2M	C4	HLSL3-US4K2MC4.ies	03/27/14
HLSL3-US4K3MC4	4000K	94	9206	98	3M	C4	HLSL3-US4K2MC4.ies	03/28/14
HLSL4-US4K2MC4	4000K	121	12099	100	2M	C4	HLSL4-US4K2MC4.ies	03/27/14
HLSL4-US4K3MC4	4000K	121	11966	99	3M	C4	HLSL4-US4K2MC4.ies	03/28/14
HLSL5-US4K2MC4	4000K	150	15124	100	2M	C4	HLSL5-US4K2MC4.ies	03/27/14
HLSL5-US4K3MC4	4000K	153	14989	98	3M	C4	HLSL5-US4K2MC4.ies	03/28/14
HLSL6-US4K2MC4	4000K	183	18149	99	2M	C4	HLSL6-US4K2MC4.ies	03/27/14
HLSL6-US4K3MC4	4000K	182	17788	98	3M	C4	HLSL6-US4K2MC4.ies	03/28/14
HLSL7-US4K2MC4	4000K	214	21174	99	2M	C4	HLSL7-US4K2MC4.ies	03/27/14
HLSL7-US4K3MC4	4000K	214	20835	97	3M	C4	HLSL7-US4K2MC4.ies	03/28/14
HLSL8-US4K2MC4	4000K	242	24199	100	2M	C4	HLSL8-US4K2MC4.ies	03/27/14
HLSL8-US4K3MC4	4000K	243	24198	100	3M	C4	HLSL8-US4K2MC4.ies	03/28/14

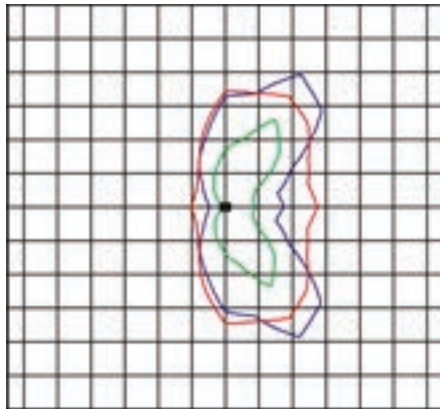
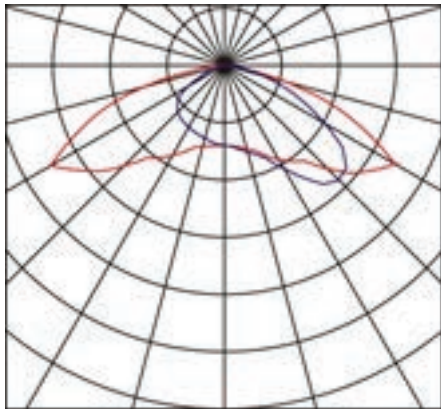


Optical & Photometric

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2M is designed per IES Type II



3M is designed per IES Type II



Electrical Data

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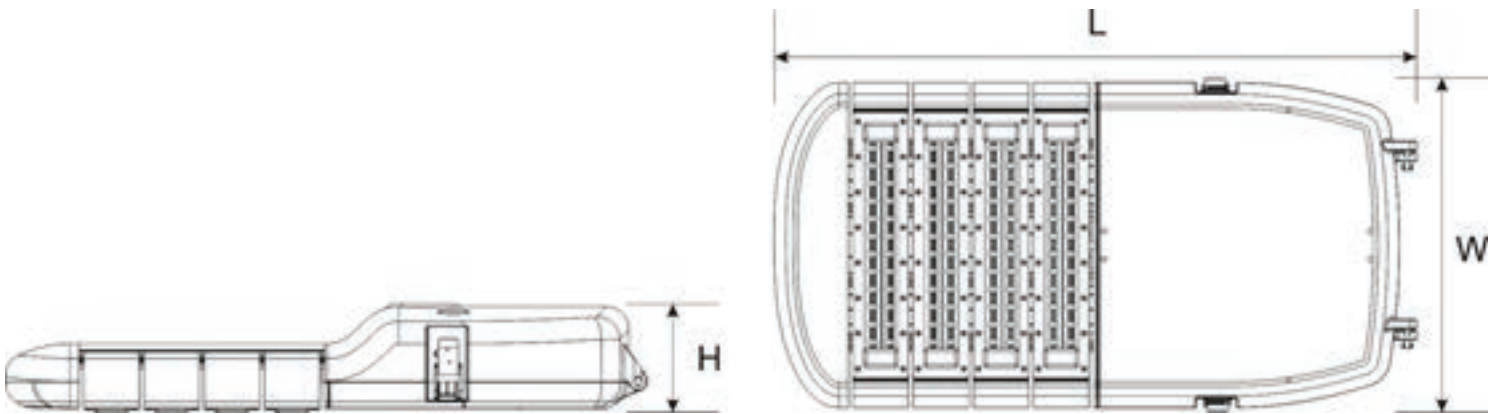
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HLSL5-US4K2MC4	4000K	150	15124	100	2M	C4	HLSL5-US4K2MC4.ies	03/27/14
HLSL5-US4K3MC4	4000K	153	14989	98	3M	C4	HLSL5-US4K2MC4.ies	03/28/14
HLSL6-US4K2MC4	4000K	183	18149	99	2M	C4	HLSL6-US4K2MC4.ies	03/27/14
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*the above data is based on BBE® lab test result, and is kept updating, changes will be not informed.



Dimension, Weight &

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	HL2	HL3	HL4	HL5	HL6	HL7	HL8
L	22.2"(564mm)	24.8" (629mm)	27.3" (694mm)	29.9" (759mm)	32.4" (824mm)	35"(889mm)	37.6"(954mm)
W	14.2"(361mm)	14.2"(361mm)	14.2"(361mm)	14.2"(361mm)	14.2"(361mm)	14.2"(361mm)	14.2"(361mm)
H	4.6"(117mm)	4.6"(117mm)	4.6"(117mm)	4.6"(117mm)	4.6"(117mm)	4.6"(117mm)	4.6"(117mm)
Weight	16.8lb (7.6kg)	19.2 (8.7kg)	21.4 (9.7kg)	23.1 (10.5kg)	27.1 (12.3kg)	29.1 (13.2kg)	30.9 (14kg)

* dimension is in inch (mm), lb(kg).

