

DL Discharge Lamp LEMAN LRA-9100



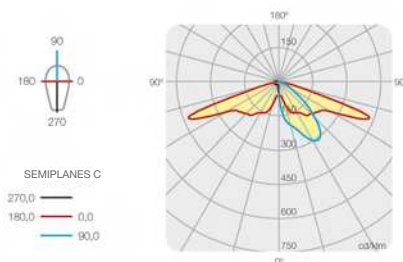
Series / Serie	Lamps / Lámparas
LEMAN	H.P.S. / S.A.P. 50W ~ 250W
	M.H. / H.M. 70W ~ 250W
	M.H. / H.M. [G-12] 20W ~ 150W

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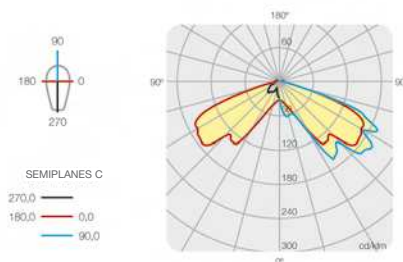
MORE Information **Discharge Lamp** see page 14.
MAS Información **Lámpara de Descarga** ver página 14.

Photometric behaviour.
Comportamiento fotométrico.

LRA-91600 E | RFL-B12 H.P.S. 70W
POLAR DIAGRAM



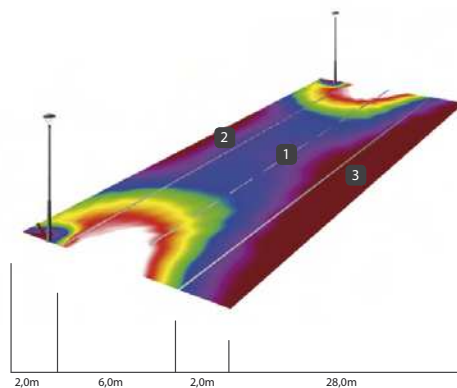
LRA/S-91600 D | RFL-Sm09 M.H. 70W
POLAR DIAGRAM



The above values may be modified because of constant evolution and technological improvement.
Los valores mostrados pueden verse modificados debido a la constante evolución y mejora tecnológica.

Example of lighting values in a typical road.
Caso ejemplo de valores de iluminación en vial tipo.

LRA-91600 | RFL-B12 H.P.S. 70W



1 ME3c Class, Road: *
Clase ME3c, Calzada: *

$L_m = 1,02 \text{ cd/m}^2$
 $U_o = 0,50$
 $U_l = 0,52$
 $E_m = 16,00 \text{ lux}$
 $E_{min} = 7,00 \text{ lux}$
 $U_m = 0,45$

2 Sidewalk A:
Acera A:

$E_m = 12,00 \text{ lux}$
 $U_m = 0,33$

3 Sidewalk B:
Acera B:

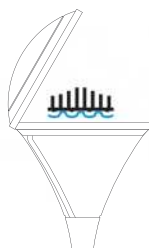
$E_m = 6,00 \text{ lux}$
 $U_m = 0,54$



(*) As described in Technical Instruction ITC-EA-02 of Spanish Energetical Efficiency Regulation.



ROS LEDing LEMAN LRA-9100



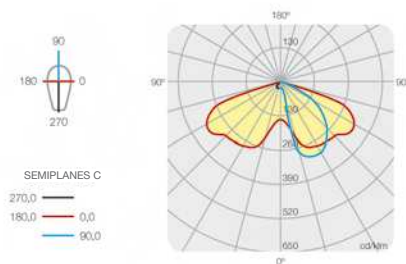
Series/Serie	Optical Characteristics / C. Ópticas	
LEMAN	PROGRAMMABLE	15W ~ 100W
	POWER RANGE	
	COLOR TEMPERATURE	4000 °K
	LUMINOUS FLUX	1600 ~ 9000lm
	LED's	24 - Up to 50W
		48 - Up to 100W

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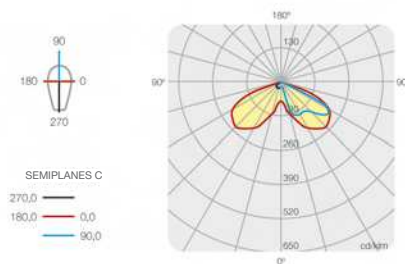
MORE Information **LEDing** see page 16.
MAS Información **LEDing** ver página 16.

Photometric behaviour.
Comportamiento fotométrico.

LRA-9160A1 | LED A1 50W
POLAR DIAGRAM



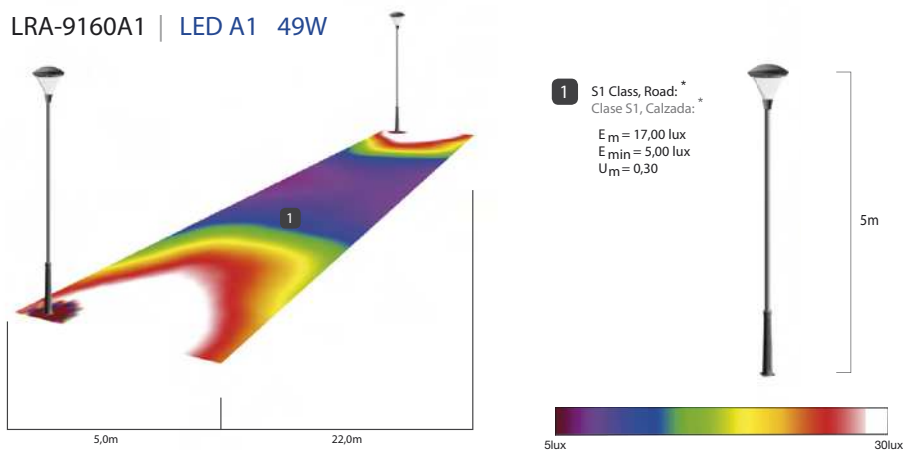
LRA-9160A3 | LED A3 50W
POLAR DIAGRAM



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Example of lighting values in a typical road.
Caso ejemplo de valores de iluminación en vial tipo.

LRA-9160A1 | LED A1 49W



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