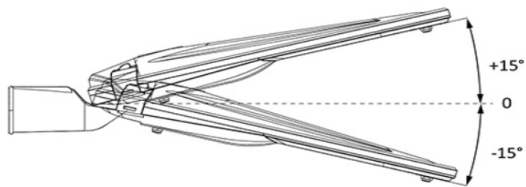
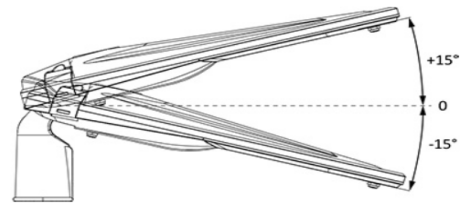


FLEXIBLE INSTALLATION



Horizontal installation: Adjustable tilt angle: 0-5-10-15°



Vertical installation: Adjustable tilt angle: 0-5-10-15°

**ZGSM-LD90KM 2M**

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low (0-30)	1398.1	11.9
FM - Front-Medium (30-60)	3207.2	27.3
FH - Front-High (60-80)	1559.3	13.3
FVH - Front-Very High (80-90)	111.36	0.9
<b>Total Forward Light</b>	<b>6275.9</b>	<b>53.5</b>

OLD 2M

BL - Back-Low (0-30)	1208.1	10.3
BM - Back-Medium (30-60)	2852.7	24.3
BH - Back-High (60-80)	1343	11.4
BVH - Back-Very High (80-90)	50.159	0.4
<b>Total Back Light</b>	<b>5453.9</b>	<b>46.5</b>

**ZGSM-LD90KM 2M BLS**

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low (0-30)	1464.3	12.5
FM - Front-Medium (30-60)	4876.2	41.7
FH - Front-High (60-80)	1937.5	16.6
FVH - Front-Very High (80-90)	22.354	0.2
<b>Total Forward Light</b>	<b>8302.2</b>	<b>71.0</b>

NEW 2M (BLS)

BL - Back-Low (0-30)	1029.1	8.8
BM - Back-Medium (30-60)	1842.9	15.8
BH - Back-High (60-80)	510.43	4.4
BVH - Back-Very High (80-90)	10.891	0.1
<b>Total Back Light</b>	<b>3398.1</b>	<b>29.0</b>



Forward Light Increased from 53.5% to 71.0%

Back Light Reduced from 46.5% to 29.0%

OPTICS

Application (Driverway width=3.5M):

Urban Main Roads | Highway | Parking Lot | Area

