



GRT

Roadway Lighting

Product Features

The GRT Series LED Roadway Luminaire is optimized for customers requiring a LED solution for local, collector and major express roadways. The modern design incorporates the heat sink directly into the unit for heat transfer to prolong LED life. This reliable unit has a 50,000 hour design life, significantly reducing maintenance needs and expense over the life of the fixture. This efficient solution lowers energy consumption compared to traditional HID fixture for additional operating cost savings.

LED & Optical

- **Output Range:** 4200-20000lm
- **Photometric Options:** Type II
- **System Efficacy:** 130-140LPW
- **CCT:** 3000K-5700K@70CRI

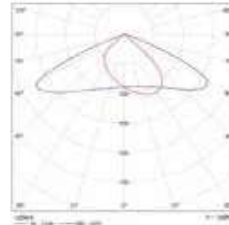
Electrical

- **Input voltage:** 120-277V_{AC}
- **Input Frequency:** 50/60Hz
- **Power Factor:** > 90%
- **THD:** < 20%.

Construction & Finishing

- Die Cast aluminum housing with corrosion resistant polyester powder paint, Standard colors: Gray
- RAL & custom colors available.

Photometric



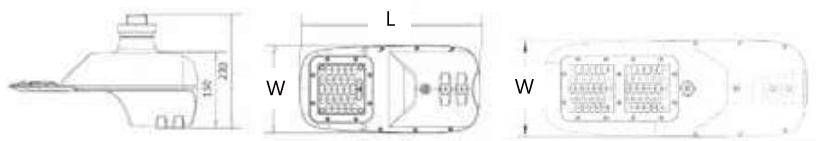
H1

- Type II Distribution

Specification

Order Logic	Power(W)	CCT(K)	Lumen(lm)	Beam Angle	LPW	Voltage(V)	Lifetime (hrs)	# module	NEMA
GRT1UH1CC030WH7GR1-L5	30	5700	4200	H1	140	120-277	50000	1	YES
GRT1UH1CC035WH7GR1-L5	35	5700	4900	H1	140	120-277	50000	1	YES
GRT1UH1CC040WH7GR1-L5	40	5700	5600	H1	140	120-277	50000	1	YES
GRT1UH1CC050WH7GR1-L5	50	5700	7000	H1	140	120-277	50000	1	YES
GRT1UH1CC060WH7GR1-L5	60	5700	8400	H1	140	120-277	50000	1	YES
GRT1UH1CC070WH7GR1-L5	70	5700	9450	H1	135	120-277	50000	1	YES
GRT2UH1CC080WH7GR1-L5	80	5700	11200	H1	140	120-277	50000	2	YES
GRT2UH1CC090WH7GR1-L5	90	5700	12600	H1	140	120-277	50000	2	YES
GRT2UH1CC100WH7GR1-L5	100	5700	14000	H1	140	120-277	50000	2	YES
GRT2UH1CC110WH7GR1-L5	110	5700	15400	H1	140	120-277	50000	2	YES
GRT2UH1CC120WH7GR1-L5	120	5700	16800	H1	140	120-277	50000	2	YES
GRT2UH1CC150WH7GR1-L5	150	5700	20000	H1	133	120-277	50000	2	YES
GRT1UH1N030WH7GR1-L5	30	4000	4200	H1	140	120-277	50000	1	YES
GRT1UH1N035WH7GR1-L5	35	4000	4900	H1	140	120-277	50000	1	YES
GRT1UH1N040WH7GR1-L5	40	4000	5600	H1	140	120-277	50000	1	YES
GRT1UH1N050WH7GR1-L5	50	4000	7000	H1	140	120-277	50000	1	YES
GRT1UH1N060WH7GR1-L5	60	4000	8400	H1	140	120-277	50000	1	YES
GRT1UH1N070WH7GR1-L5	70	4000	9450	H1	135	120-277	50000	1	YES
GRT2UH1N080WH7GR1-L5	80	4000	11200	H1	140	120-277	50000	2	YES
GRT2UH1N090WH7GR1-L5	90	4000	12600	H1	140	120-277	50000	2	YES
GRT2UH1N100WH7GR1-L5	100	4000	14000	H1	140	120-277	50000	2	YES
GRT2UH1N110WH7GR1-L5	110	4000	15400	H1	140	120-277	50000	2	YES
GRT2UH1N120WH7GR1-L5	120	4000	16800	H1	140	120-277	50000	2	YES
GRT2UH1N150WH7GR1-L5	150	4000	20000	H1	133	120-277	50000	2	YES

Dimension



Models	W×L×H(mm)
1 module	180 x 380 x 260
2 module	200 x 570 x 260