## **GP** Lighting

## Product Data Sheet

## **GP LD MR16 GU5.3 5.3-35W 2-STEP FS**

	EAN	Packaging - SKU	A STATE OF THE PARTY OF THE PAR
087441-LDCE1	4895149087441	Eco blister, 1 pc/SKU	
	1	·	
Product			
Category		LED Lamps	
<u> </u>		VINTAGE	
Series		- 2-STEP SCENE DIMMING	
		REFLECTOR	
Model		TWIST MR16	
		2-STEP FLAMESWITCH	4 4
Description		GP LD MR16 GU5.3 5-50W 12V 36D 2-STEP	
		FLAMESWITCH	
General description	n	1.	
Energy label		A+	
Lamp shape		Reflector	
Lamp base		GU5.3	_
Dimmable		No	
Mercury free		Yes	
Mercury content		0.0 mg	← 50mm →
Recycling		Yes	•
Electrical characteristics			45mm
Nominal wattage		5.3 W ±10%	45mm
Rated wattage		5.3 W	
Equivalent halogen lar	mp power	35 W	• • • • • • • • • • • • • • • • • • • •
Power factor		>0.5	
Voltage		12 V	Spectral Distribution
Operating frequency		50/60Hz	
Lamp current		441 mA	Spectrum 1.0 = 9.856e+000mW/nm 1.2
Weighted Energy Consumption		6 KWh / 1000 h	1.0
			0.8-
Light technical ch	aracteristics		0.6
Light technical ch	aracteristics	WARM WHITE / EXTRA WARM WHITE	
	aracteristics	WARM WHITE / EXTRA WARM WHITE 2700K/2200K K ±145/±58KK	0.4-
Light colour			0.4-
Light colour Colour temperature		2700K/2200K K ±145/±58KK	0.4-
Light colour Colour temperature Colour rendering index	κ (Ra)	2700K/2200K K ±145/±58KK ≥80	0,4-
Light colour Colour temperature Colour rendering index Colour consistency	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM	0,4-
Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 Im ±10%	0,4-
Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 Im ±10% 345 Im	0.4 - 0.2 - 0.5 -
Light colour Colour temperature Colour rendering inde: Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 lm ±10% 345 lm cd	GP LED Reflectors are designed
Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 Im ±10% 345 Im cd cd	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.
Light colour Colour temperature Colour rendering inde: Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for Nominlal beam angle	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 Im ±10% 345 Im cd cd ≥0.8	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes
Light colour Colour temperature Colour rendering inde: Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for Nominlal beam angle Rated beam angle	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 Im ±10% 345 Im cd cd b0.8 36° 36°	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption
Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%)	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 Im ±10% 345 Im cd cd cd ≥0.8 36° 36° <2.0s	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption  • Extremely long life
Light colour Colour temperature Colour rendering inde: Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for Nominlal beam angle Rated beam angle	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 Im ±10% 345 Im cd cd b0.8 36° 36°	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption  • Extremely long life  • Emit a warm white or cold white light
Light colour Colour temperature Colour rendering inde: Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 Im ±10% 345 Im cd cd cd ≥0.8 36° 36° <2.0s	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes • Very low energy consumption • Extremely long life • Emit a warm white or cold white light for different ambience
Light colour Colour temperature Colour rendering inde: Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 Im ±10% 345 Im cd cd cd ≥0.8 36° 36° <2.0s <0.5s	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption  • Extremely long life  • Emit a warm white or cold white light for different ambience  • Instant start with full light output
Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 lm ±10% 345 lm cd cd cd ≥0.8 36° <2.0s <0.5s	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes • Very low energy consumption • Extremely long life • Emit a warm white or cold white light for different ambience
Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 lm ±10% 345 lm cd cd ≥0.8 36° <2.0s <0.5s	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption  • Extremely long life  • Emit a warm white or cold white light for different ambience  • Instant start with full light output  • No UV
Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time	κ (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 lm ±10% 345 lm cd cd cd ≥0.8 36° <2.0s <0.5s	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption  • Extremely long life  • Emit a warm white or cold white light for different ambience  • Instant start with full light output  • No UV  Applications
Light colour Colour temperature Colour rendering inde: Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time Switching Cycles	c (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 lm ±10% 345 lm cd cd ≥0.8 36° <2.0s <0.5s	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption  • Extremely long life  • Emit a warm white or cold white light for different ambience  • Instant start with full light output  • No UV  Applications  • Domestic and commercial applications
Light colour Colour temperature Colour rendering inde: Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time Switching Cycles  Product dimensio	c (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 lm ±10% 345 lm cd cd ≥0.8 36° <2.0s <0.5s  15000 h 15000 h 30000	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption  • Extremely long life  • Emit a warm white or cold white light for different ambience  • Instant start with full light output  • No UV  Applications  • Domestic and commercial applications  • General illumination
Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time Switching Cycles  Product dimensio Overall length (L)	c (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 lm ±10% 345 lm cd cd ≥0.8 36° <2.0s <0.5s  15000 h 15000 h 30000	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption  • Extremely long life  • Emit a warm white or cold white light for different ambience  • Instant start with full light output  • No UV  Applications  • Domestic and commercial applications  • General illumination  • Can be used everywhere at home
Light colour Colour temperature Colour rendering inde: Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time Switching Cycles  Product dimensio	c (Ra)	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 lm ±10% 345 lm cd cd ≥0.8 36° <2.0s <0.5s  15000 h 15000 h 30000	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption  • Extremely long life  • Emit a warm white or cold white light for different ambience  • Instant start with full light output  • No UV  Applications  • Domestic and commercial applications  • General illumination  • Can be used everywhere at home  • Use outdoors only in enclosed and
Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time Switching Cycles  Product dimensio Overall length (L) Diameter (D)	actor at end of life	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 lm ±10% 345 lm cd cd ≥0.8 36° <2.08 <0.5s  15000 h 15000 h 30000  45 mm ±2 mm 50 mm ±1 mm	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption  • Extremely long life  • Emit a warm white or cold white light for different ambience  • Instant start with full light output  • No UV  Applications  • Domestic and commercial applications  • General illumination  • Can be used everywhere at home
Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance for Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time Switching Cycles  Product dimensio Overall length (L)	actor at end of life	2700K/2200K K ±145/±58KK ≥80 <6 SDCM 345 lm ±10% 345 lm cd cd ≥0.8 36° <2.0s <0.5s  15000 h 15000 h 30000	GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes  • Very low energy consumption  • Extremely long life  • Emit a warm white or cold white light for different ambience  • Instant start with full light output  • No UV  Applications  • Domestic and commercial applications  • General illumination  • Can be used everywhere at home  • Use outdoors only in enclosed and

## www.gp-lighting.com