









# SHUFFLE 360 LGT GEN2

## 5300

<b>Optic</b>	5300
<b>Protector</b>	Polycarbonate Smooth Flat Cylindrical
<b>Source</b>	20 Samsung LH351C
<b>Special feature</b>	Back Light
<b>Matrix</b>	495172



## Characteristics

							
194	194	815	7.0	IP 66	IK 10	I EU, II EU	0.160
Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Tightness level*	Impact resistance*	Electrical class*	CxS (m²)

\* According to IEC-EN60598 and IEC-EN62262

## Types of application

- Square and park
- Park
- Car park
- Residential road
- Train station
- Bike path
- Urban road

## Information for 1000 lm matrix

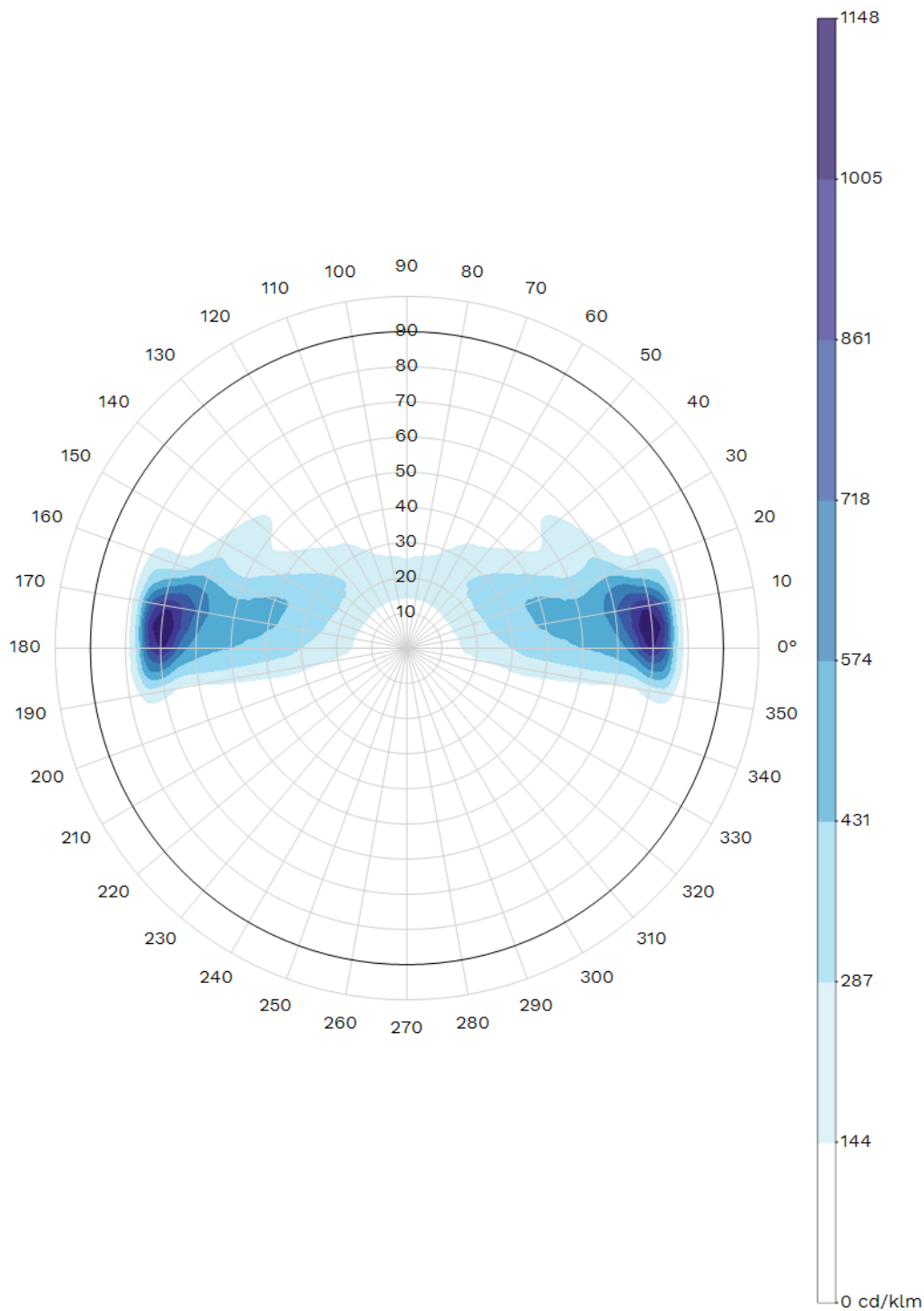
<b>Efficacy (%)</b>	72.3	<b>G Class (EN 13201-2)</b>	G2	<b>I 70-80-90-95 (cd)</b>	1139 - 101 - 16 - 8
<b>DLOR (%)</b>	72.0	<b>G* (EN 13201 2015)</b>	G*2	<b>CIE flux code N 1→5 (%)</b>	30.8 - 62.0 - 93.6 - 99.5 - 72.3
<b>ULOR (%)</b>	0.4	<b>Imax (cd)</b>	1148	<b>Gradient 90°</b>	30cd
<b>ULR (%)</b>	0.5	<b>Aperture 0-180°</b>	62 - 62	<b>Gradient 270°</b>	6cd
<b>Incl ULR 4%</b>	-44/28°	<b>Aperture 90-270°</b>	X - X		

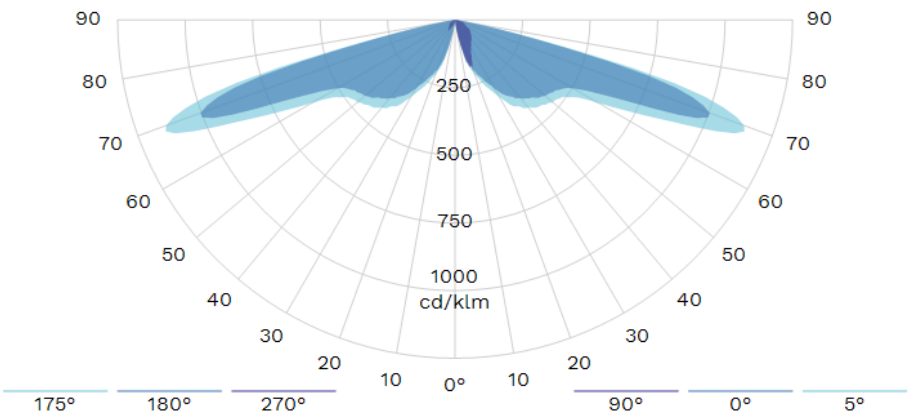
## Photometrical characteristics

LED count	Colour code	Current (mA)	Luminaire power (W)	Source flux (lm)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Peak (cd)	BUG Rating	Voltage (V)
Ambient temp = 25°									
20	NW 740	350	23	3800	2748	125	4363	B1 U2 G1	230
20	NW 740	500	32	5168	3738	117	5933	B1 U2 G1	230
20	NW 740	700	45	6753	4884	109	7752	B2 U2 G2	230
20	WW 830	350	23	3380	2445	111	3880	B1 U2 G1	230
20	WW 830	500	32	4597	3325	104	5277	B1 U2 G1	230
20	WW 830	700	45	6006	4344	97	6896	B1 U2 G1	230

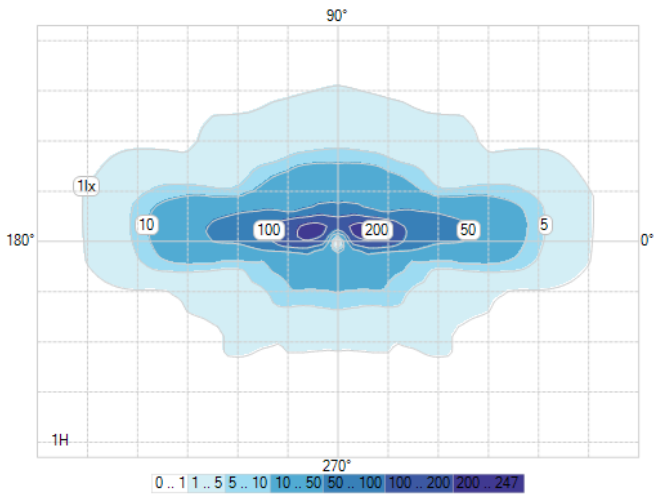
Tolerance on flux +- 7% - Tolerance on power +- 5%

Hypergon view

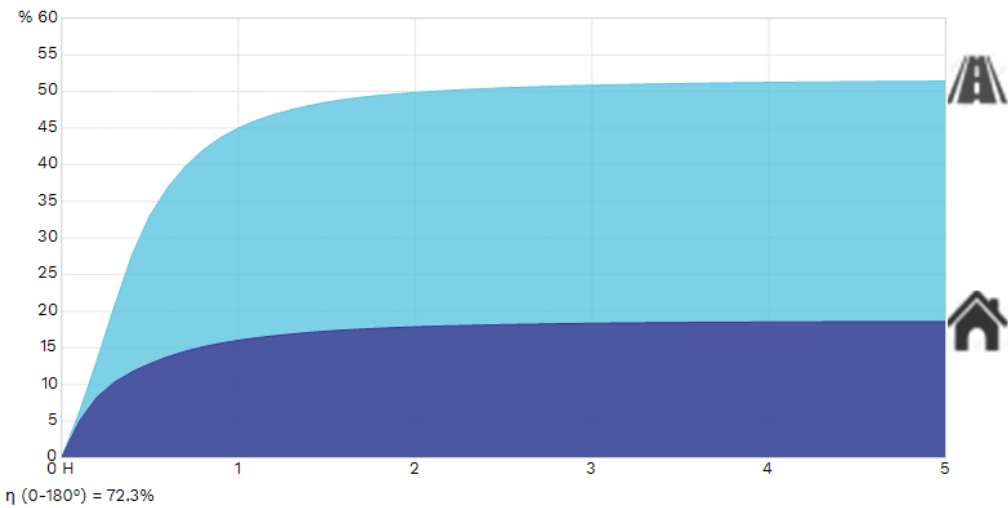




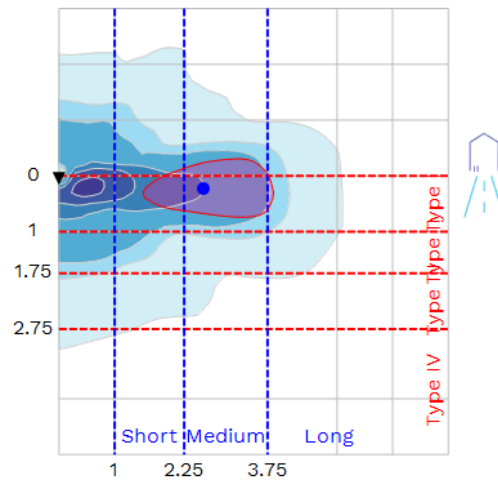
Isolux



K-Curve

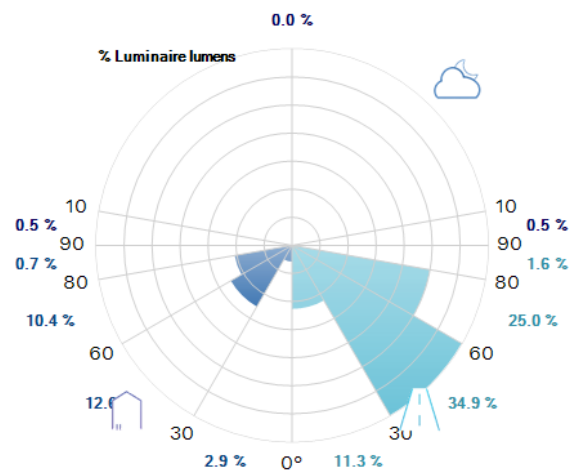


## IES Roadway Classification / Nema Classification

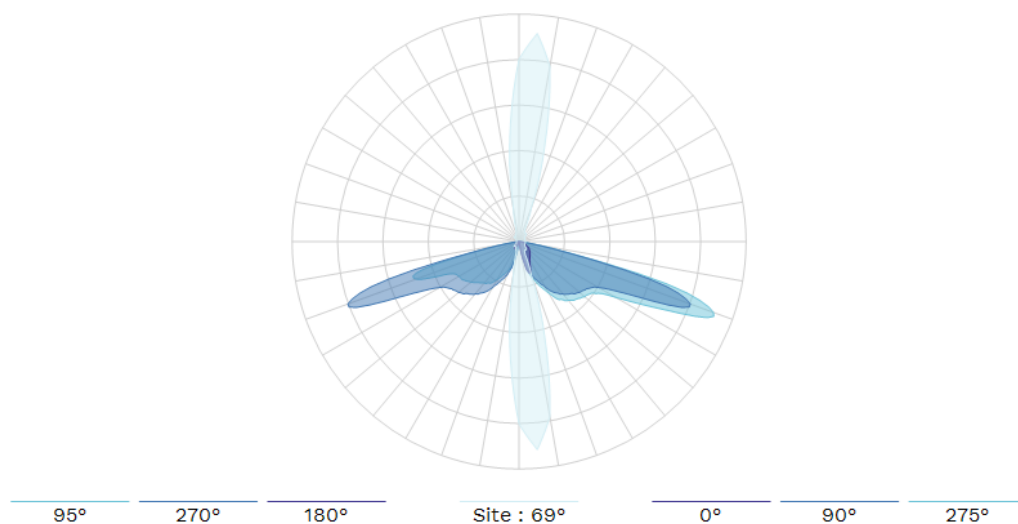


I - Medium

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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