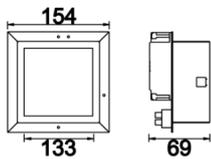
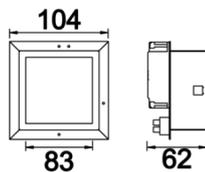


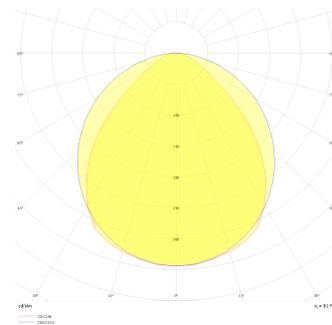


Luminaire Group	Concept Ceiling
Mounting Type	Recessed
Luminaire Color	RAL 9005 - RAL 9010
Housing	Aluminum DKP Sheet
Optics	Opal Diffuser
Electrical Protection Class	CLASS II
Operating Temperature	-20°C / +40°C
Luminous Flux	1170 lm / 630 lm / 990 lm
Consumption Power	11 W / 13 W / 7 W
Luminaire Efficiency	90 lm/W
Color Rendering (CRI)	>80
Light Color Temperature (CCT)	2700K/3000K/4000K/6500K
Color Tolerance	< 3 SDCM
Driver Type	On/Off
Driver Brand	Tridonic
LED Brand	Samsung
Input Voltage / Frequency	220-240 V AC 50/60 Hz
Power Factor	>0.9
Surge	1kV
THD (AKIM)	>%20
LED life	>100.000 hours
Option	On-Off / Dali / 1-10V / With Emergency Kit

Technical Drawing



Photometric Curve



SKU	Product Code	Power (W)	Luminous Flux (LM)	CRI	CCT (K)	Optics	Dimensions (mm)
	GRL 010 004 007B 8040 10 99 OP 20 00	7	630	>80	4000	180° Opal Diffuser	104x104x62
	GRL 010 004 011B 8040 10 99 OP 20 00	11	990	>80	4000	180° Opal Diffuser	104x104x62
	GRL 010 004 013B 8040 10 99 OP 20 00	13	1170	>80	4000	180° Opal Diffuser	104x104x62
	GRL 015 004 007B 8040 10 99 OP 20 00	7	630	>80	4000	180° Opal Diffuser	154x154x69
	GRL 015 004 011B 8040 10 99 OP 20 00	11	990	>80	4000	180° Opal Diffuser	154x154x69
	GRL 015 004 013B 8040 10 99 OP 20 00	13	1170	>80	4000	180° Opal Diffuser	154x154x69