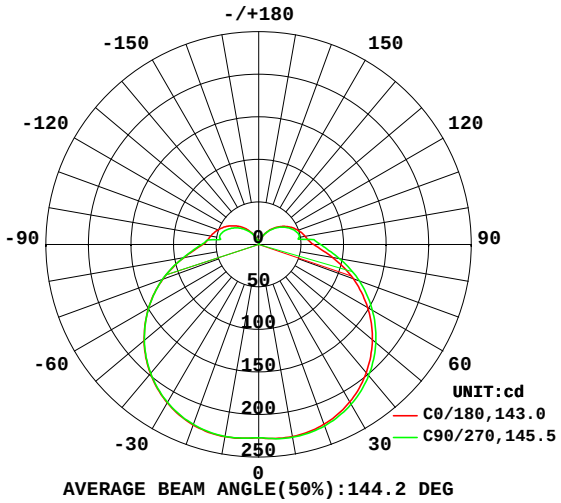
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.18V I:0.1647A P:16.600W PF:0.8387 Freq:60.00Hz Lamp Flux:1185.03x1 lm		
NAME:SM-CG3aA015CR1A-TCN	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETA	SUR.:	Shielding Angle:

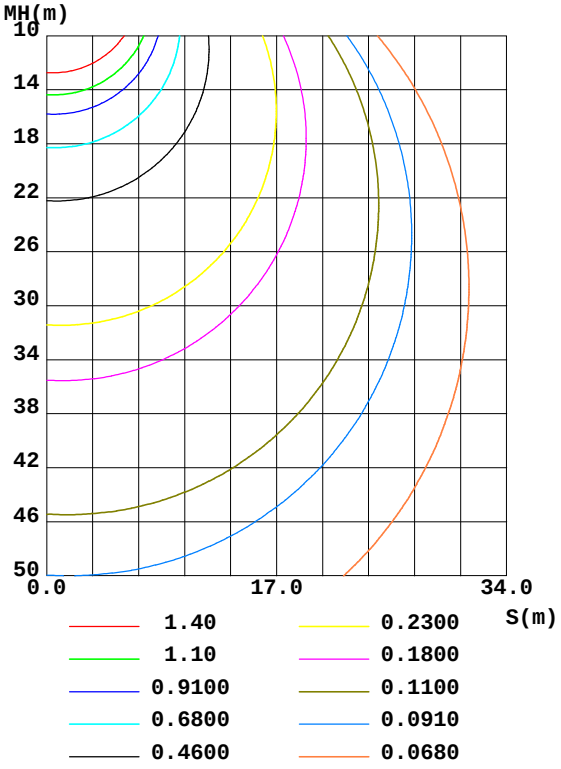
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 71.39 lm/W	
MODEL		Imax(cd)	230.1	S/MH(C0/180)	1.41
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.40
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1185.0	η UP,DN(C0-180)	10.4,40.1
NOMINAL FLUX(lm)	1185.03	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	10.1,39.4
LAMPS INSIDE	1	η up(%)	20.5	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	79.5	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):144.2 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:22.3DEG
Operators:JY
Test Date:30 June 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.421
Humidity:40.4%
Test Distance:1.134m [K=1.0000]
Remarks: