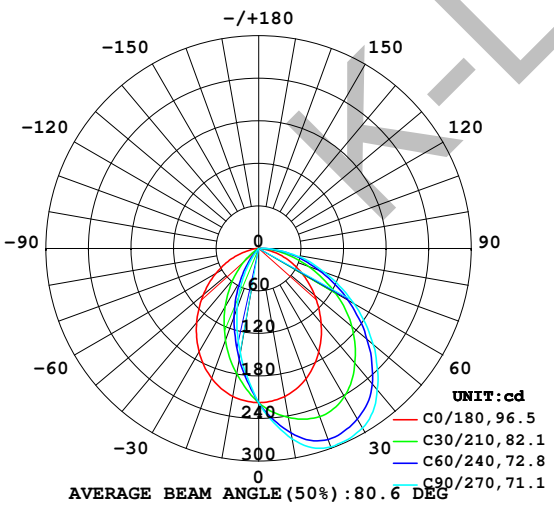
LUMINAIRE PHOTOMETRIC TEST REPORT

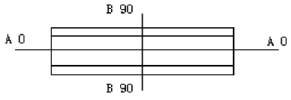
Test:U:230.21V I:0.1044A P:12.161W PF:0.5063 Freq:49.99Hz Lamp Flux:1407x1 lm		
NAME: LINE 'N' DOT DOWN LIGHT	TYPE:RECESSED CEILING	WEIGHT:
SPEC.:CW, CREE	DIM.: 148 x 44 x 56.5	SERIAL No.:1212
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA		Eff: 42.52 lm/W	
MODEL	KL-7450	Imax(cd)	298.2	S/MH(C0/180)	1.16
NOMINAL POWER(W)	10	LOR(%)	36.8	S/MH(C90/270)	0.53
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	517.09	η UP,DN(C0-180)	0.0,29.9
NOMINAL FLUX(lm)	1407	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,6.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	230	η down(%)	36.8	CIBSE SHR MAX	1.15

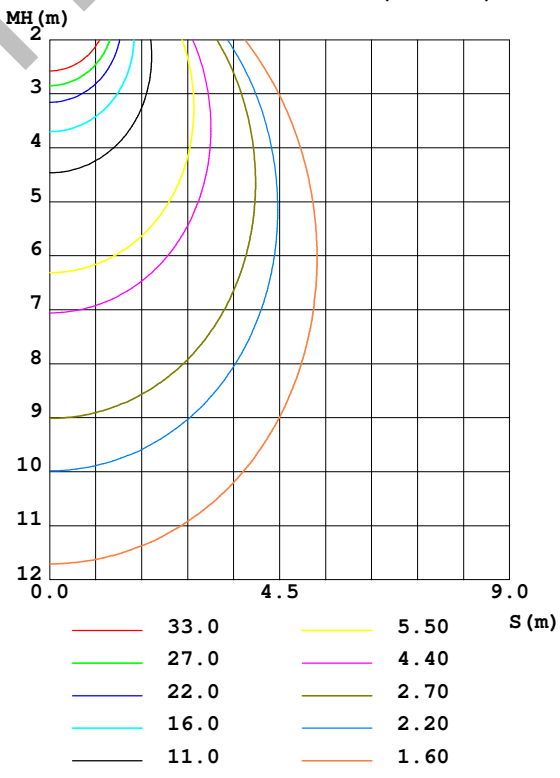
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):80.6 DEG



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:18 March 2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.825m [K=1.0000]
Remarks: