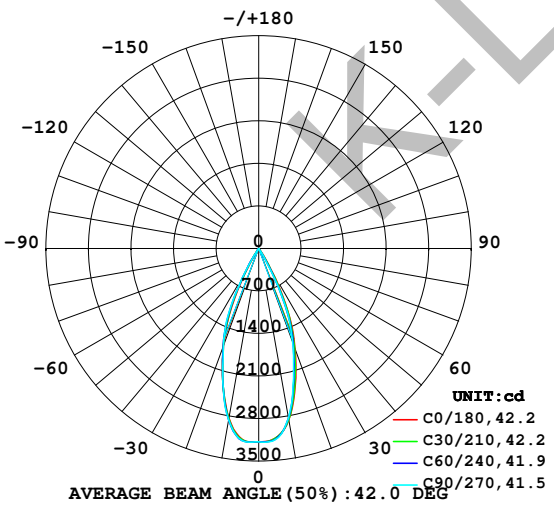
LUMINAIRE PHOTOMETRIC TEST REPORT

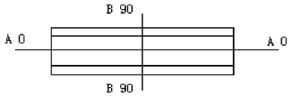
Test:U:230.51V I:0.1004A P:22.318W PF:0.9643 Freq:49.99Hz Lamp Flux:3063x1 lm		
NAME: LINE 'N' DOT - DOWN LIGHT	TYPE:RECESSED CEILING	WEIGHT:
SPEC.:WW, CREE	DIM.: 281 x 44.5 x 56.5	SERIAL No.:4447
MFR.: K-LITE	SUR.:	Shielding Angle:48°

DATA OF LAMP		PHOTOMETRIC DATA		Eff: 65.64 lm/W	
MODEL	KL-7447	Imax(cd)	3192	S/MH(C0/180)	0.66
NOMINAL POWER(W)	20	LOR(%)	47.8	S/MH(C90/270)	0.67
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1465.0	η UP,DN(C0-180)	0.0,23.4
NOMINAL FLUX(lm)	3063	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,24.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	47.8	CIBSE SHR MAX	0.70

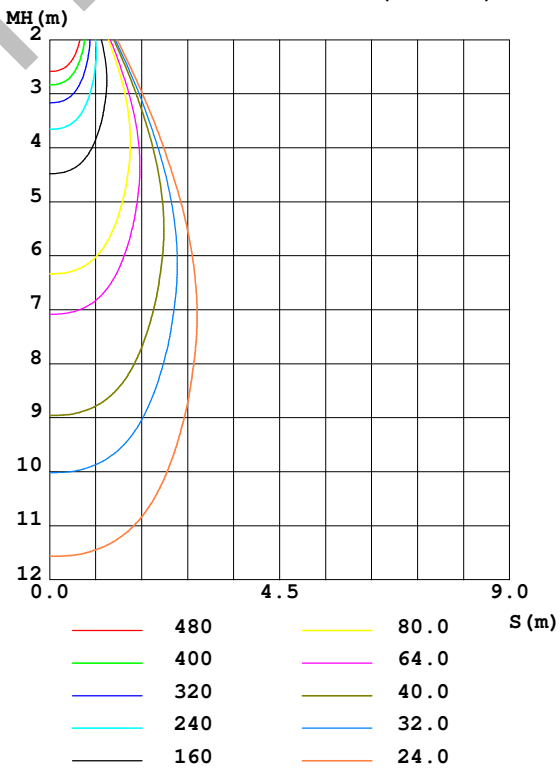
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):42.0 DEG



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:22 April 2022

γ Range: 0 - 180DEG
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:

K-LITE