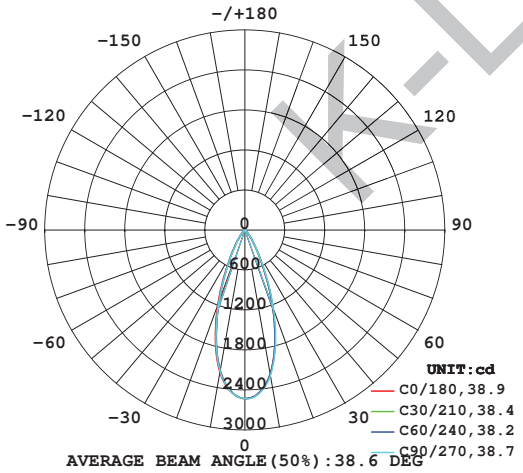
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.62V I:0.0633A P:14.201W PF:0.9732 Freq:50.00Hz Lamp Flux:1601.6x1 lm		
NAME: IN-GROUND LUMINAIRE - SYMMETRICAL	TYPE:IN-GROUND LUMINAIRES	WEIGHT:
SPEC.:WW, CITIZEN	DIM.: Ø173 x 142	SERIAL No.:3674
MFR.: K-LITE	SUR.:	Shielding Angle:40°

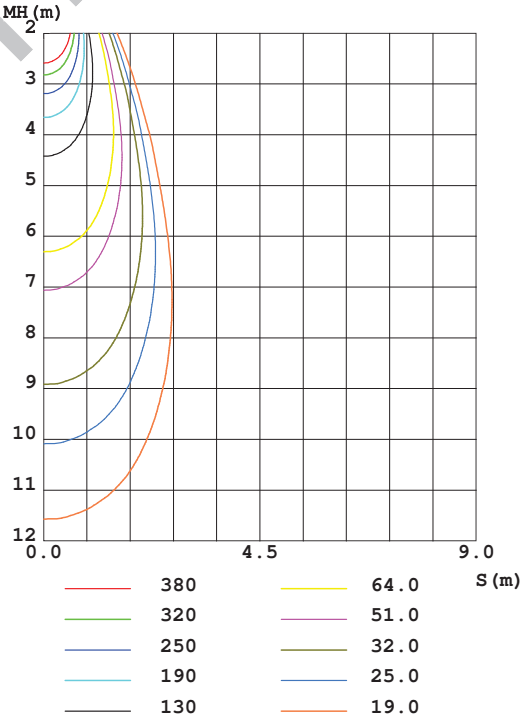
DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.12 lm/W			
MODEL	KL-4139	Imax(cd)	2535	S/MH(C0/180)	0.62
NOMINAL POWER(W)	20	LOR(%)	77.2	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1237.2	η UP,DN(C0-180)	0.0,39.5
NOMINAL FLUX(lm)	1601.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,37.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	77.2	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):38.6 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:23 October 2021

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: