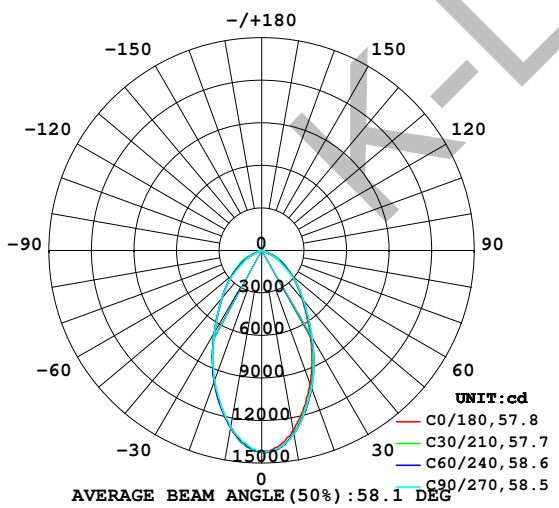
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.97V I:0.5353A P:119.70W PF:0.9723 Freq:50.18Hz Lamp Flux:18708.2x1 lm		
NAME: POLAR PRIME HIGH BAY 2	TYPE:INDUSTRIAL LUMINAIRES	WEIGHT:
SPEC.:WW, LUMILED	DIM.: 342 x 155 x 205	SERIAL No.:3757
MFR.: K-LITE	SUR.:	Shielding Angle:60°

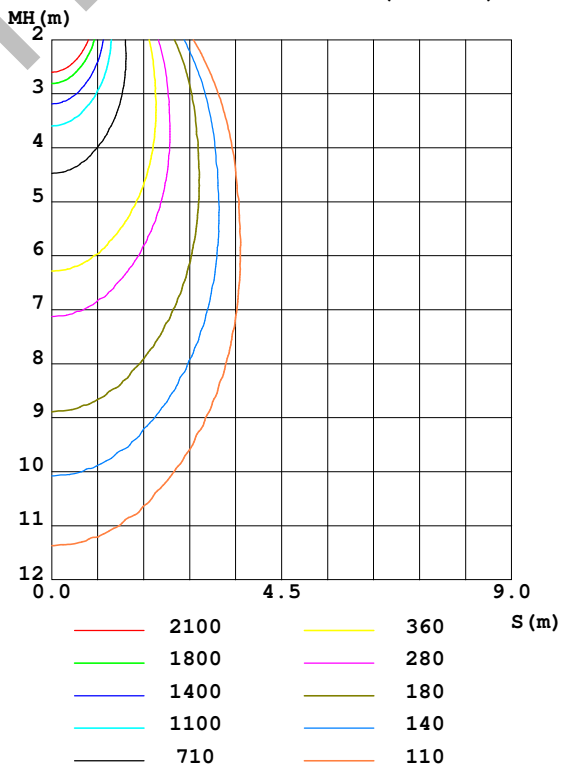
DATA OF LAMP		PHOTOMETRIC DATA Eff: 146.39 lm/W			
MODEL	KL-3188	Imax(cd)	14314	S/MH(C0/180)	0.83
NOMINAL POWER(W)	2 x 60	LOR(%)	93.7	S/MH(C90/270)	0.82
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	17523	η UP,DN(C0-180)	0.0,47.6
NOMINAL FLUX(lm)	18708.2	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,46.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230	η down(%)	93.7	CIBSE SHR MAX	0.95

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):58.1 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:06 November 2021

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.825m [K=1.0000]
Remarks: