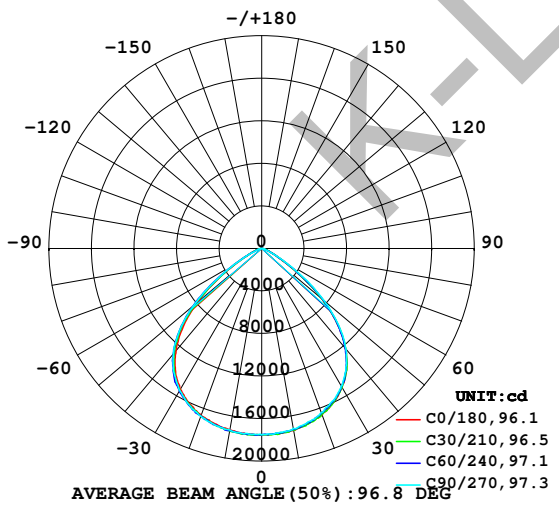
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.80V I:1.0891A P:240.12W PF:0.9662 Freq:50.19Hz Lamp Flux:37931x1 lm		
NAME: POLAR PRIME HIGH BAY 4	TYPE:INDUSTRIAL LUMINAIRES	WEIGHT:
SPEC.:CW, LUMILED	DIM.: 342 x 315 x 245	SERIAL No.:3774
MFR.: K-LITE	SUR.:	Shielding Angle:90°

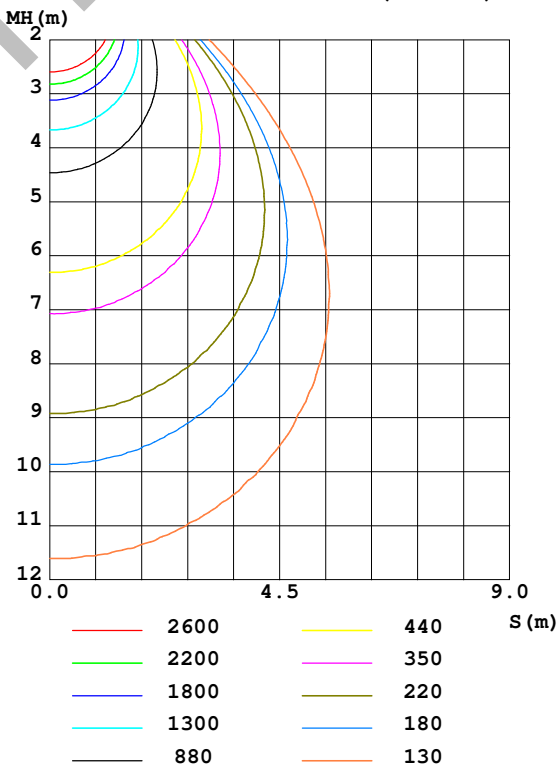
DATA OF LAMP		PHOTOMETRIC DATA Eff: 153.16 lm/W			
MODEL	KL-3190	Imax(cd)	17585	S/MH(C0/180)	1.29
NOMINAL POWER(W)	4 x 60	LOR(%)	97.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	36777	η UP,DN(C0-180)	0.0,47.7
NOMINAL FLUX(lm)	37931	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	97.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):96.8 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:08 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: