



PRISMALUX

LED

The Prismalux is ideal for stairwells, maintenance areas, industrial applications with low ceilings and particularly within the mining Industry. The LED option can replace a 150MH fixture giving similar light levels.

HOUSING Die-cast aluminum alloy (LM6M). The housing has a 1/2" threaded entry on both ends of the luminaire. One entry is plugged.

FRAME ASSEMBLY The lens frame is a die-cast aluminum alloy with a continuous neoprene gasket. This enables the fixture to be rated IP65. The lens is secured by four corner brackets and is sealed to the lens frame with a gasket. A stainless steel pin hinges the lens frame assembly to the housing, while a captive stainless steel screw secures the other end.

OPTICAL ASSEMBLY The aluminum reflector design, combined with the prismatic borosilicate lens, provides a precise and efficient optical performance.

LED's Six LED arrays driven at 500ma provide 4467 lumens. The LEDs consume 58 watts (total power consumed 70 watts). Standard unit comes with 3k LEDs.



DRIVER Standard unit comes with a 120-277 volt driver at 500ma. Optimal 347 volts is available.

OPTIONS Wire guard

FINISH Standard finish is black.

RATING IP65

MEETS LM-79, LM-80

CSA APPROVED

Catalog Code

TS

LED58W,

TYPE

120-277, 347,

VOLTAGE

BLK - BLACK
CC - CUSTOM COLOUR

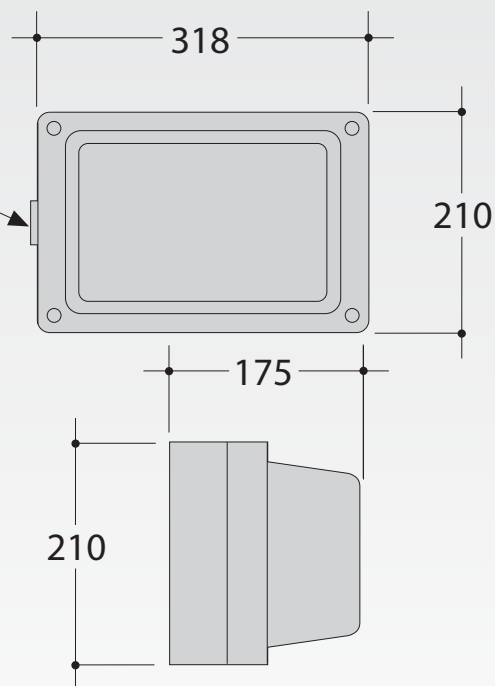
FINISH

WG - WIRE GUARD

OPTION

Dimensions

1/2" TAPPED HOLE
AT EACH END.
EACH UNIT COMES
WITH ONE PLUG



CATALOG NUMBER: TS-LED58W-120V

FILENAME: G606.IES

IESNA:LM-63-2002

[TEST] LSCG606

[TESTLAB] Lighting Sciences Canada Ltd.

[MANUFAC] RAB DESIGN LIGHTING INC.

[MORE] TORONTO, ONTARIO

[LUMCAT] TS-LED58W-120V

[LUMINAIRE] RAB DESIGN LED CEILING MOUNT LUMINAIRE

[MORE] WITH SEMI-SPECULAR REFLECTOR AND PRISMATIC LENS

[LAMP] SIX WHITE LED ARRAYS (SIX LEDS/ARRAY). LUMEN OUTPUT = 4467 LMS.

[OTHER] ABSOLUTE PHOTOMETRY

SUMMARY DATA

EFFICIENCY (Total): - 447124.1 %

EFFICIENCY (Downlight): - 426404.5 %

EFFICIENCY (Uplight): - 20719.5 %

CIE CLASSIFICATION: DIRECT

LUMENS/LAMP: -1

NO. OF LAMPS: 1

LUMINOUS OPENING: RECTANGULAR

Width: 0.58 (Feet)

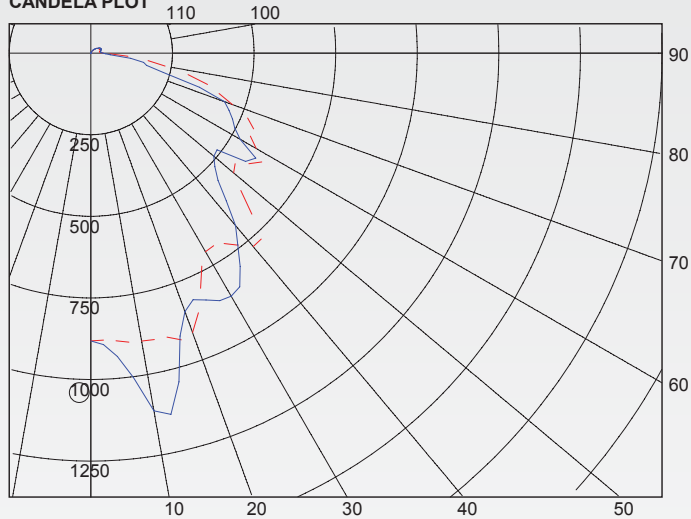
Length: 0.87

Height: 0.31

INPUT WATTS: 59.89

RP-1-93 VDT CONFORMANCE: NON-CONFORMING

CANDELA PLOT



Quadrilaterally Symmetric
Dashed: 0 Degrees Solid: 90 Degrees

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	813.4	-81339.2	18.2
0 - 40	1425.6	-142563.4	31.9
0 - 60	2880.0	-287998.0	64.4
60 - 90	1384.3	-138425.8	31.0
0 - 90	4264.2	-426423.8	95.4
90 - 180	207.2	-20719.9	4.6
0 - 180	4471.4	-447143.7	100.0

AVERAGE LUMINANCE (Candelas / Square Meter)

Angle	0	22.5	45	67.5	90
0	18814	18814	18814	18814	18814
45	15525	20377	21766	16803	10832
55	14567	17136	18815	17656	12212
65	15736	19817	18272	15885	11265
75	13089	15812	13184	9442	6330
85	5500	6273	5164	3700	2066