

Littlehampton Skate Park Option 5

Spillage Charts

Date: 19-06-2019

Designer: Andy Collins

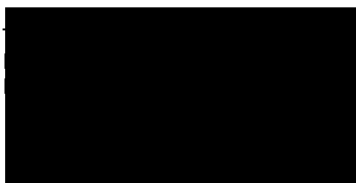
Description: Skate Park Floodlighting Solution Performance requirement :
200 Lux - 0.60 min/ave uniformity.



The nominal values shown in this report are the result of precision calculations, based upon precisely positioned luminaires in a fixed relationship to each other and to the area under examination. In practice the values may vary due to tolerances on luminaires, luminaire positioning, reflection properties and electrical supply.

Highlights Floodlighting Ltd

Unit 3 Manor Farm Court
Manor Road
Lower Sundon
LU3 3NZ



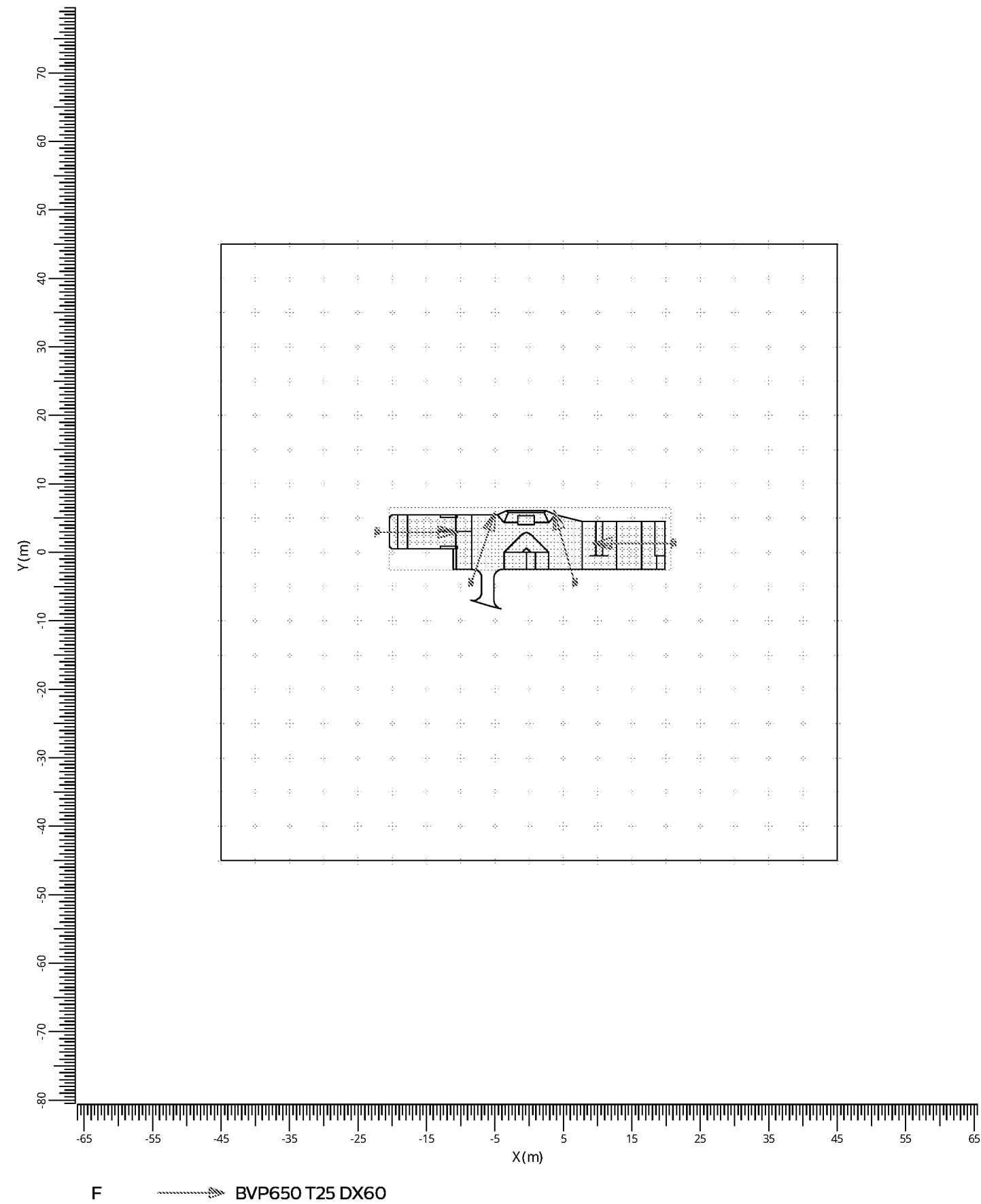
CalcuLuX Area 7.9.0.0

Table of Contents

1.	Project Description	3
1.1	Top Project Overview	3
2.	Summary	4
2.1	Project Luminaires	4
2.2	Calculation Results	4
3.	Calculation Results	5
3.1	Spillage: Graphical Table	5
3.2	Spillage: Iso Contour	6
3.3	Spillage: Filled Iso Contour	7
4.	Luminaire Details	8
4.1	Project Luminaires	8

1. Project Description

1.1 Top Project Overview



Scale
1:750

2. Summary

2.1 Project Luminaires

Code	Qty	Luminaire Type	Lamp Type	Power (W)	Flux (lm)
F	4	BVP650 T25 DX60	1 * LED460-4S/740	295.0	1 * 46000

The total installed power: 1.18 (kWatt)

Number of Luminaires Per Switching Mode:

Switching Mode	Luminaire Code	Power (kWatt)
	F	
Skate Park	4	1.18
Spillage	4	1.18

2.2 Calculation Results

Switching Modes:

Code	Switching Mode	Maintenance factor
1	Skate Park	0.90
2	Spillage	1.00

(II)luminance Calculations:

Calculation	Switching Mode	Type	Unit	Ave Min/AveMin/Max
Spillage	2	Surface Illuminance	lux	18.0 0.00 0.00

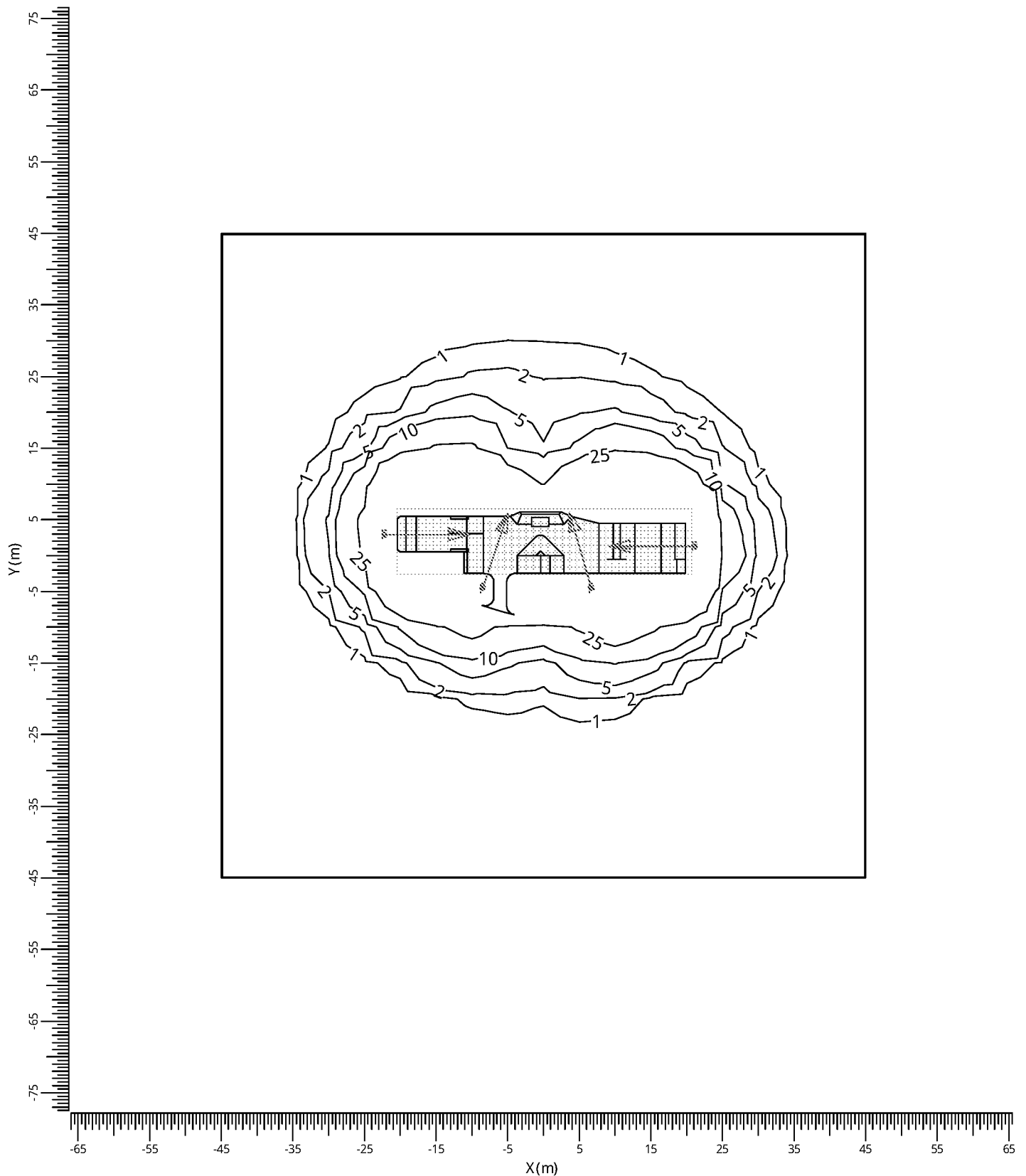
Obtrusive Light Calculations:

Switching Mode	ULR
1	0.00
2	0.00

3.2 Spillage: Iso Contour

Spillage

Grid : Spillage at Z = -0.00 m
 Calculation : Surface Illuminance (lux)



F BVP650 T25 DX60

Average
18.0

Min/Ave
0.00

Min/Max
0.00

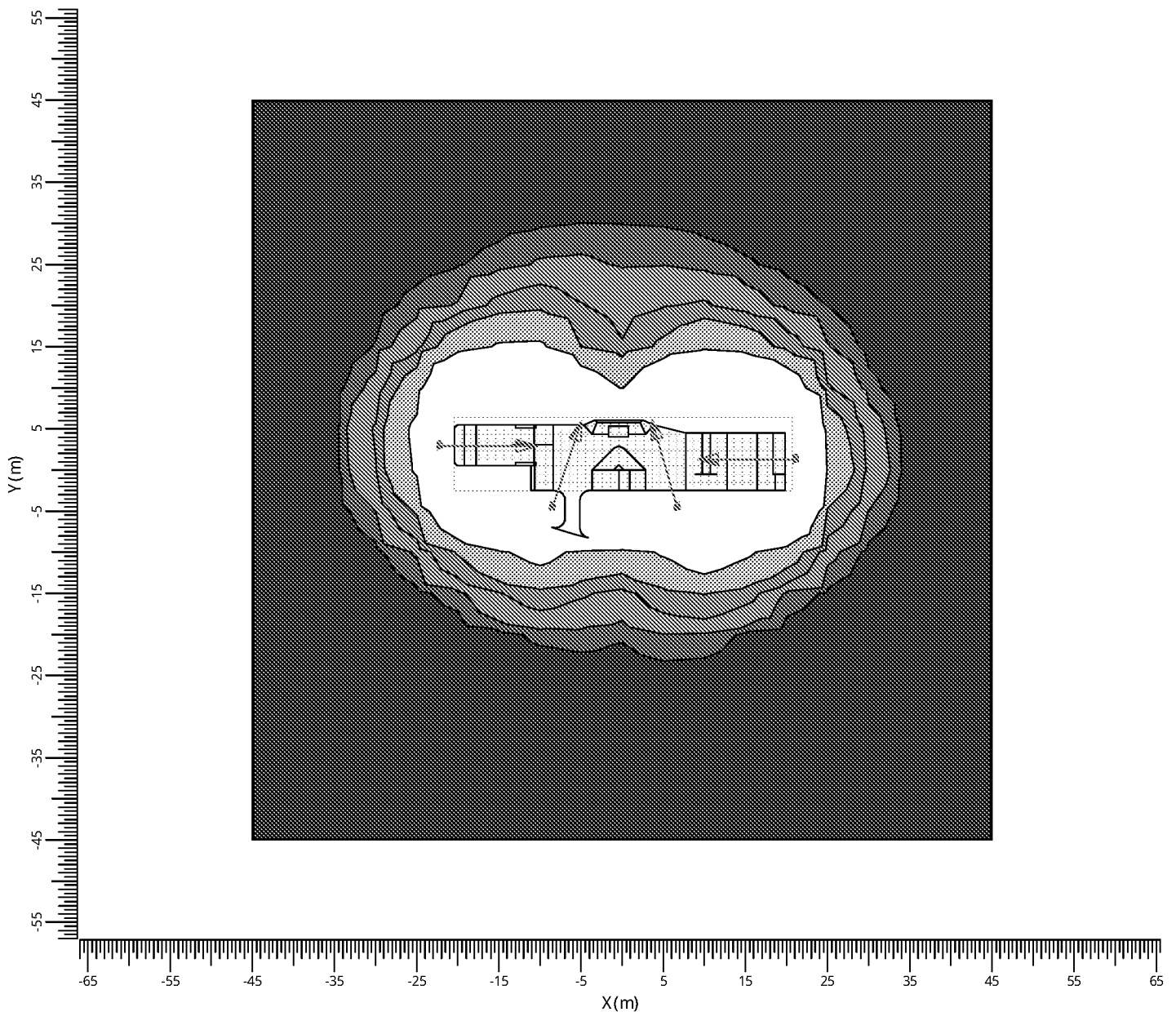
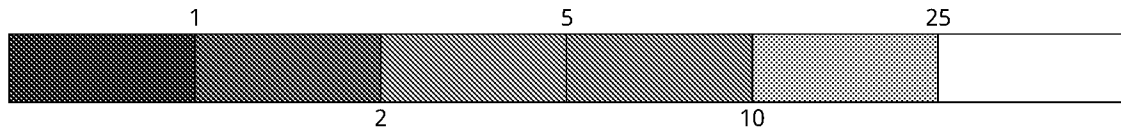
Project maintenance factor
1.00

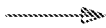
Scale
1:750

3.3 Spillage: Filled Iso Contour

Spillage

Grid : Spillage at Z = -0.00 m
Calculation : Surface Illuminance (lux)



F  BVP650 T25 DX60

Average
18.0

Min/Ave
0.00

Min/Max
0.00

Project maintenance factor
1.00

Scale
1:750

4. Luminaire Details

4.1 Project Luminaires

ClearFlood

BVP650 T25 1xLED460-4S/740/- - DX60

Light output ratios

DLOR : 0.89

ULOR : 0.00

TLOR : 0.89

Ballast : -

Lamp flux : 46000 lm

Luminaire wattage : 295.0 W

Measurement code : LVE177041A

Note: Luminaire data not from database.

