

SURVEYORS' NOTE

THERE IS A SURVEY OVERLAP BETWEEN THE NORTHERLY BOUNDARY OF THE PROPERTY SHOWN HEREON DESCRIBED IN LIBER 287 OF DEEDS AT PAGE 308 AND THE SOUTHERLY BOUNDARY OF LYALL MEMORIAL FEDERATED CHURCH OF MILLBROOK DESCRIBED IN LIBER 469 OF DEEDS AT PAGE 175 AS WELL AS THE POTENTIAL FOR A SURVEY OVERLAP WITH THE SOUTHERLY BOUNDARY OF CHARLES N. STILL, JR. DESCRIBED IN LIBER 1923 OF DEEDS AT PAGE 343. DUE TO THE LACK OF EXISTING MONUMENTATION SET AT THE TIME OF THE ORIGINAL CONVEYANCES, A DIFFERENCE OF OPINION BETWEEN SURVEYORS AS TO THE TRUE LOCATION OF THE BOUNDARY LINE CAN OCCUR. SURVEYOR RECOMMENDS A BOUNDARY LINE AGREEMENT BETWEEN THE OWNERS OF THE PROPERTY TO RECTIFY THIS PROBLEM.



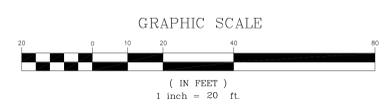
LEGEND

- NO PHYSICAL BOUNDS
- OVERHEAD WIRES
- METAL FENCE
- UTILITY POLE
- CATCH BASIN
- ROOF LEADER
- MUSEUM IN THE STREETS SIGN
- WATER SHUT OFF
- 10' TREE
- 10' MARLE TREE
- 10' HICKORY TREE
- 10' CHERRY TREE
- 10' OAK TREE
- 10' FRUIT TREE
- 10' FIR TREE
- 10' NORWAY SPRUCE TREE
- BUSH

"NOTES"

- "UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYORS SEAL IS A VIOLATION OF SECTION 2209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW."
- SURVEYED FROM RECORD DESCRIPTION AND AS IN POSSESSION.
- SURVEY SUBJECT TO ANY RIGHT, TITLE OR INTEREST THE PUBLIC MAY HAVE FOR HIGHWAY USE.
- SUB-SURFACE STRUCTURES NOT VISIBLE OR READILY APPARENT ARE NOT SHOWN AND THEIR LOCATION AND EXTENT ARE NOT CERTIFIED.
- SUBJECT TO THE FINDINGS OF AN ACCURATE ABSTRACT OF TITLE.
- SUBJECT TO COVENANTS, EASEMENTS, RESTRICTIONS, CONDITIONS AND AGREEMENTS OF RECORD.
- TAX ID No. 6785-19-548131-00
- TOPOGRAPHY SHOWN HEREON TAKEN FROM ACTUAL GROUND MEASUREMENTS, 1 FOOT CONTOUR INTERVAL, DATUM ASSUMED.
- BOUNDARY LINE INFORMATION TAKEN FROM A MAP ENTITLED "SURVEY MAP PREPARED FOR VILLAGE OF MILLBROOK" PREPARED BY BLY AND HOUSTON L.L.S. DATED JANUARY 18, 2012.
- PROPERTY SHOWN HEREON IS 3.37 ACRES.

BLY AND HOUSTON INC.
LAND SURVEYORS
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9 ELM DRIVE
MILLBROOK, NEW YORK 12545
PHONE 518-677-5619



TOPOGRAPHIC MAP
OF
THORNE BUILDING

VILLAGE OF MILLBROOK
TOWN OF WASHINGTON
SCALE: 1" = 20'
DUTCHESS COUNTY, NEW YORK
NOVEMBER 30, 2018



Contacts

SLOAN ARCHITECTS, P.C.

Architect

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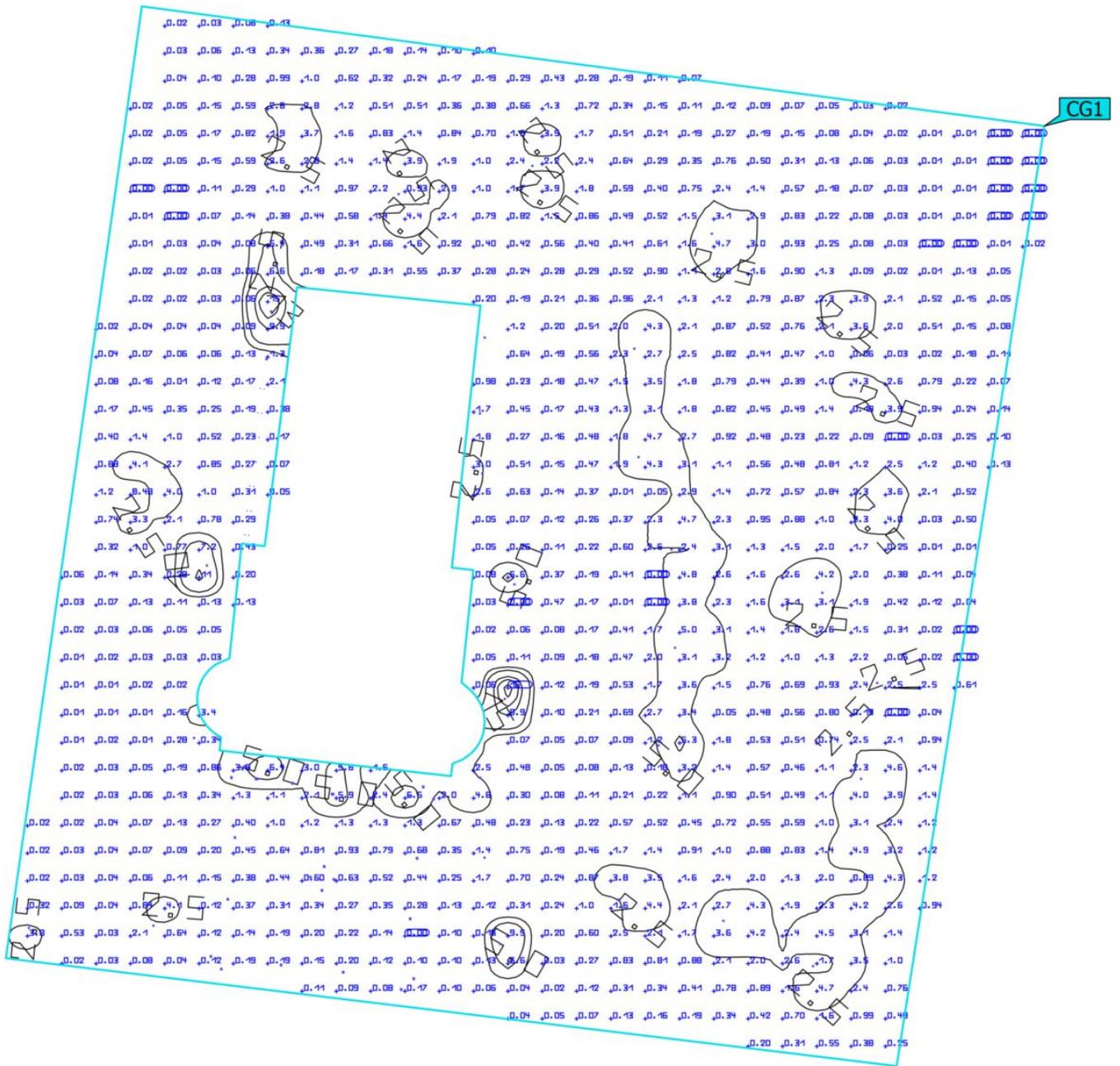
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NOTES

- SL1 POLE FIXTURES MOUNTED AT 12'
- SL6 BOLLARDS MOUNTED AT 2'6"
- ALL OTHER TYPES MOUNTED AT GROUND LEVEL/IN-GROUND
- LIGHT LOSS FACTOR (LLF) = .8
- SACLE DETAILS ON PAGE 7
- ALL CALCULATION SURFACES AT FLOOR [0']

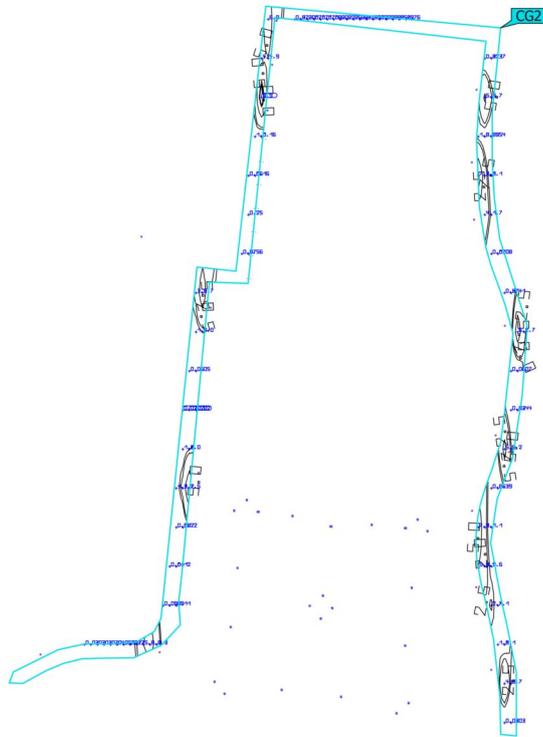


Properties	\bar{E}	E_{min}	E_{max}	$U_0 (g_1)$	g_2	Index
Calculation surface 1 Perpendicular illuminance Height: 0.000 ft	1.04 fc	0.00 fc	16.2 fc	0.00	0.00	CG1

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

Site 1 (Light scene 1)

WALKWAY



Properties	\bar{E}	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
WALKWAY Perpendicular illuminance Height: 0.000 ft	1.65 fc	0.022 fc	9.85 fc	0.013	0.002	CG2

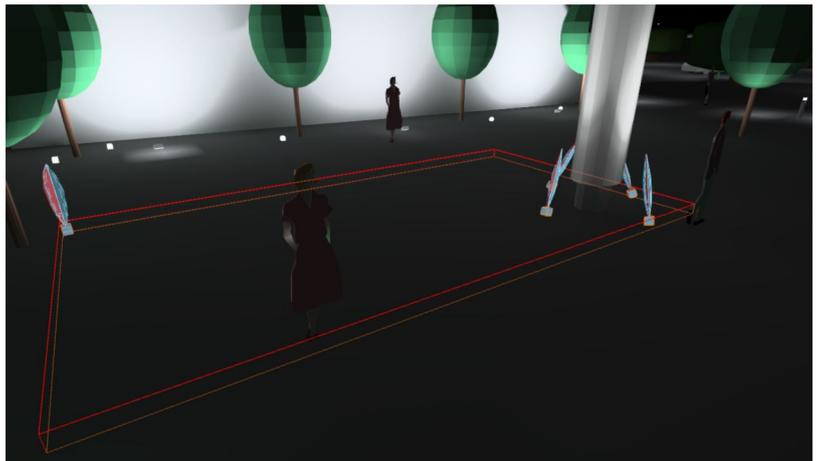
Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

Images

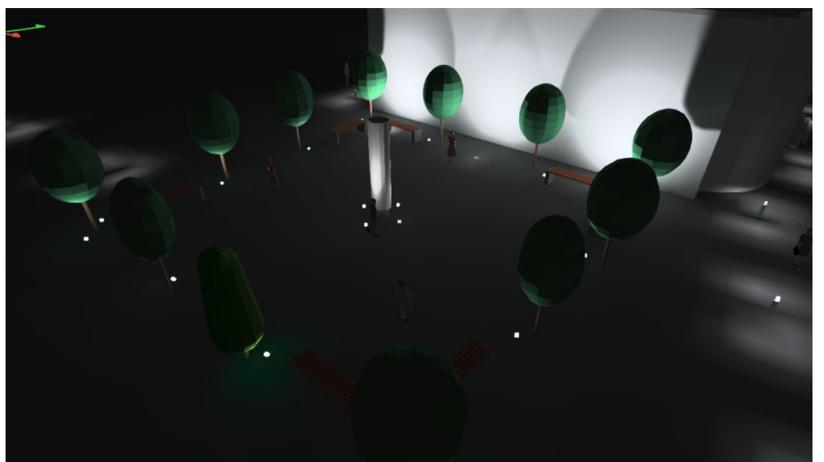
PARKING LOT



INGROUND LIGHTS

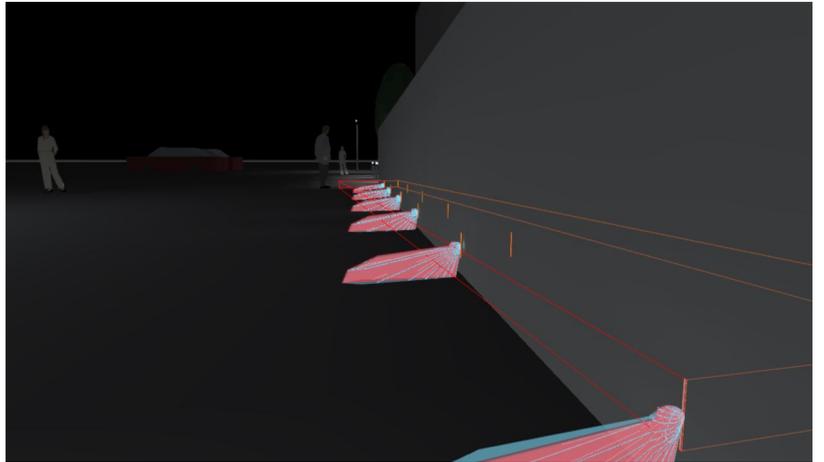


FLAG POLE / STATUE AREA / FLOOD LIGHTS

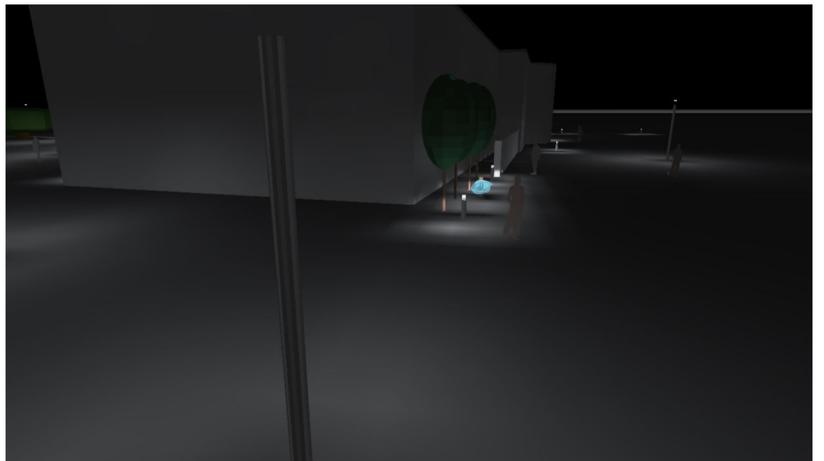


Images

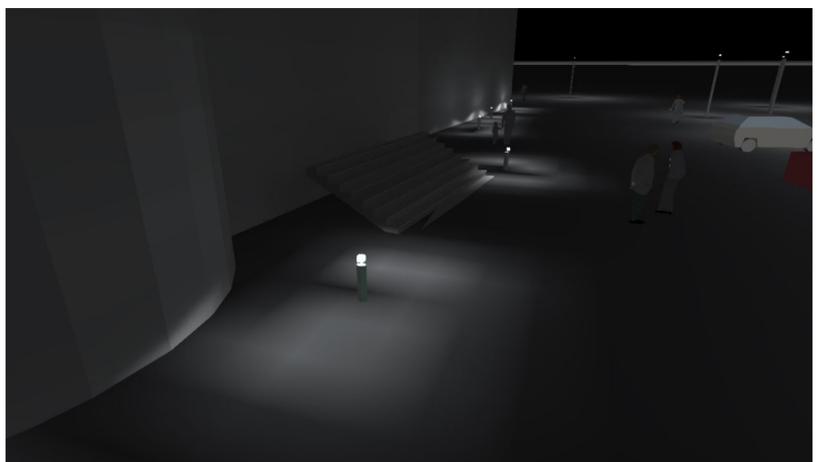
STEP AREA LIGHTS (SL2)



SL1 POLE LIGHT (HADCO)

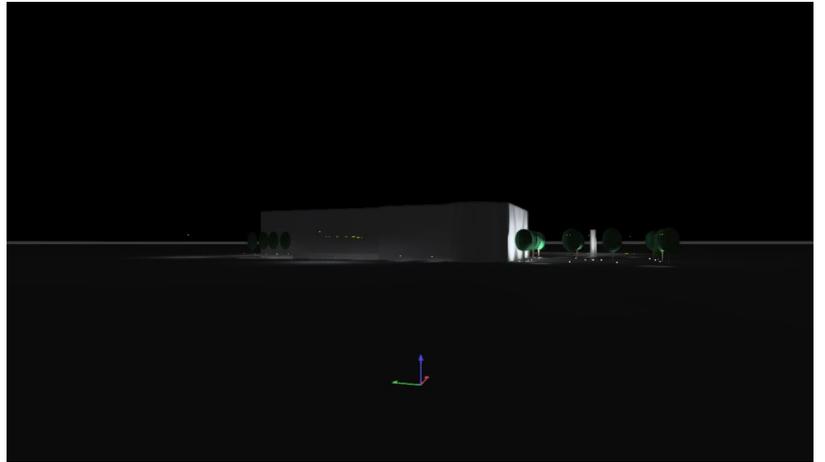


WALKWAY BOLLARDS

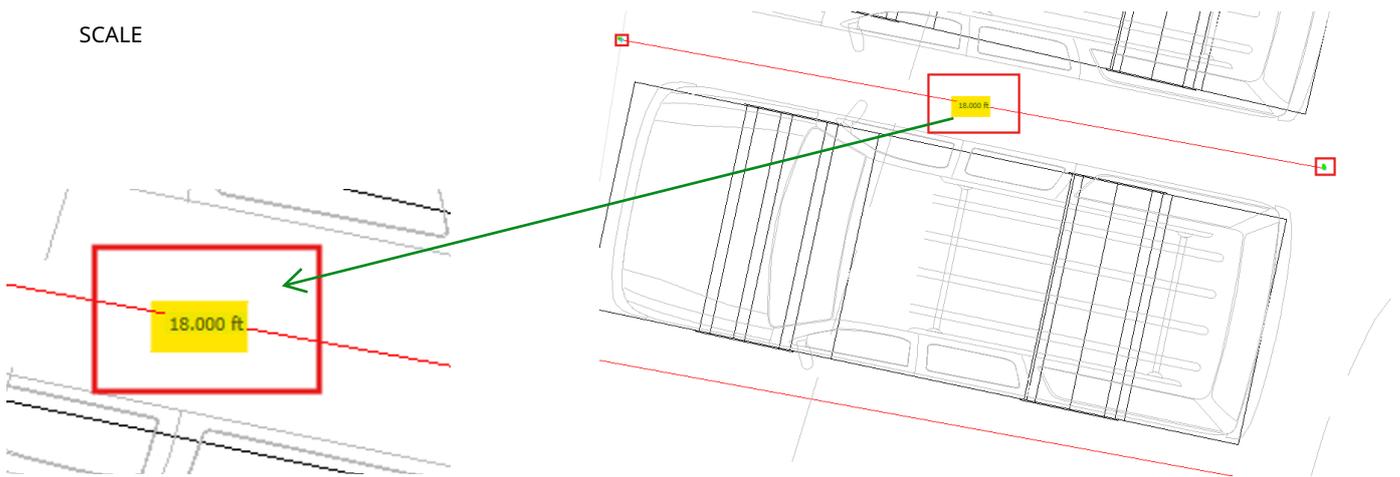


Images

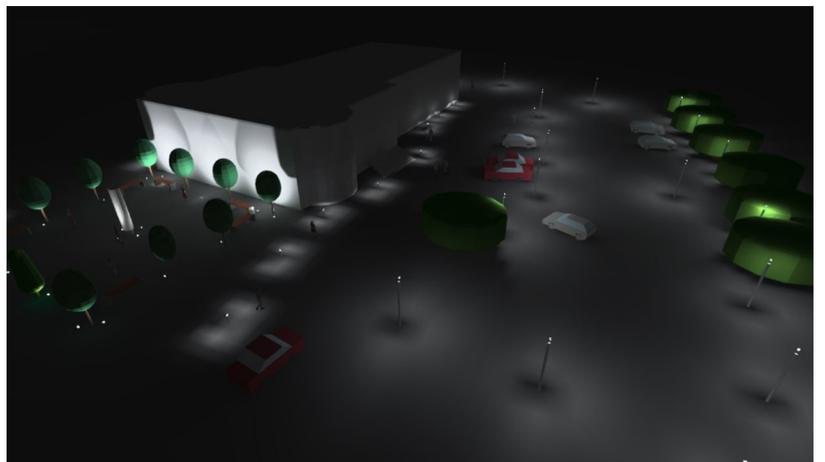
150' DISTANCE



SCALE



MAIN ARIAL



Luminaire list

Φ_{total} 175550 lm	P_{total} 2301.0 W	Luminous efficacy 76.3 lm/W
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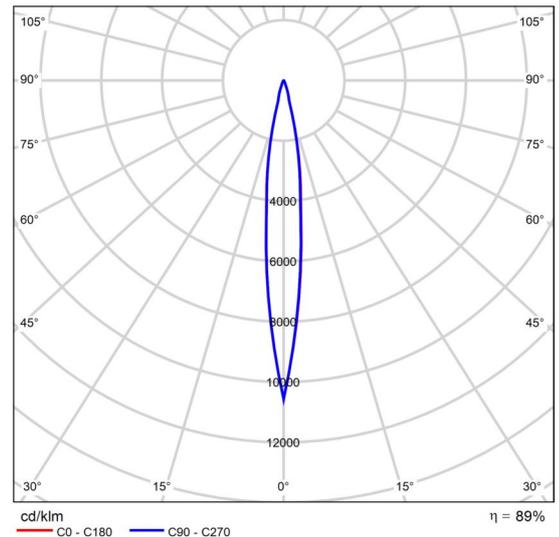
	pcs.	Manufacturer	Article No.	Article name	P	Φ	Luminous efficacy
TYPE SL4	16	Filix d.o.o.	RDT100TM H30FL24	RDT100, 10W, 3000K, 31°, 24V	10.0 W	554 lm	55.4 lm/W
TYPE SL5	4	Filix d.o.o.	RDT100TM H30SP24	RDT100, 10W, 3000K, 17°, 24V	10.0 W	615 lm	61.5 lm/W
TYPE SL1	20	Signify	UX132-G3- F-4-W5	UX1 Post Top LED (UX1), 32 LED's, 3000K CCT, TYPE 4 OPTIC, FROSTED FLAT GLASS	52.7 W	3947 lm	74.9 lm/W
TYPE SL2	14	SISTEMALUX	S4655W.0 1	STEP 1 LED Cree XPG 700mA White Warm 3200K	3.0 W	16 lm	5.3 lm/W
TYPE SL6	15	Sternberg Lighting	US360- 8L40TA- MDL06-CA	Modern Prarie Bollard production sample,Optic TA, Lens CA - Clear Acrylic	37.0 W	1221 lm	33.0 lm/W
TYPE SL3	3	Philips		SF150-SCT-G3-10-PCB-BZ 90D	150.0 W	22249 lm	148.3 lm/W

Product data sheet

Filix d.o.o. - RDT100, 10W, 3000K, 17°, 24V

FILIX

Article No.	RDT100TMH30SP24
P	10.0 W
Φ_{Lamp}	690 lm
$\Phi_{Luminaire}$	615 lm
η	89.08 %
Luminous efficacy	61.5 lm/W
CCT	2700 K
CRI	80



Polar LDC

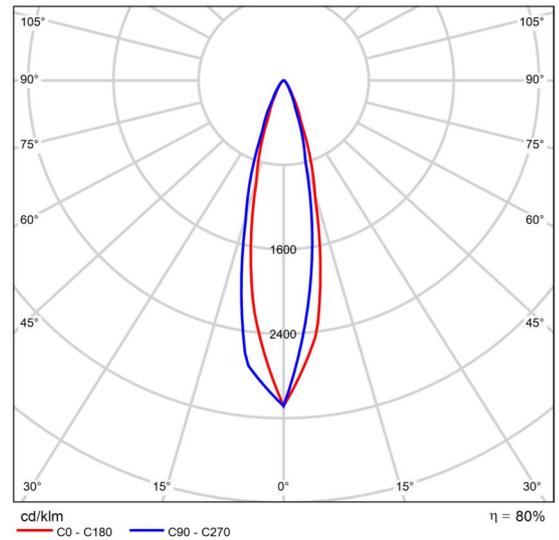


Product data sheet

Filix d.o.o. - RDT100, 10W, 3000K, 31°, 24V

FILIX

Article No.	RDT100TMH30FL24
P	10.0 W
Φ_{Lamp}	690 lm
$\Phi_{Luminaire}$	554 lm
η	80.36 %
Luminous efficacy	55.4 lm/W
CCT	2700 K
CRI	80



Polar LDC

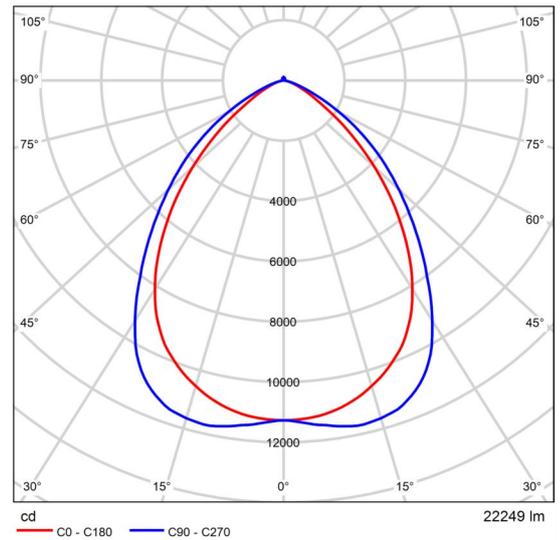


Product data sheet

Philips - SF150-SCT-G3-10-PCB-BZ 90D



P	150.0 W
Φ_{Lamp}	-
$\Phi_{Luminaire}$	22249 lm
η	-
Luminous efficacy	148.3 lm/W
CCT	3000 K (CCT and Lumen Selectable)
CRI	80



Polar LDC



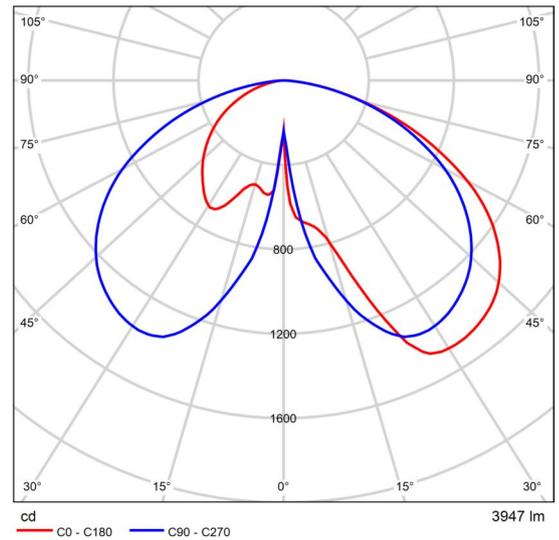
Product data sheet

Signify HADCO- UX1 Post Top LED (UX1), 32 LED's, 3000K CCT, TYPE 4 OPTIC, FROSTED FLAT GLASS



HADCO

Article No.	UX132-G3-F-4-W5
P	52.7 W
Φ_{Lamp}	-
$\Phi_{Luminaire}$	3947 lm
η	-
Luminous efficacy	74.9 lm/W
CCT	2700 K
CRI	70



Polar LDC

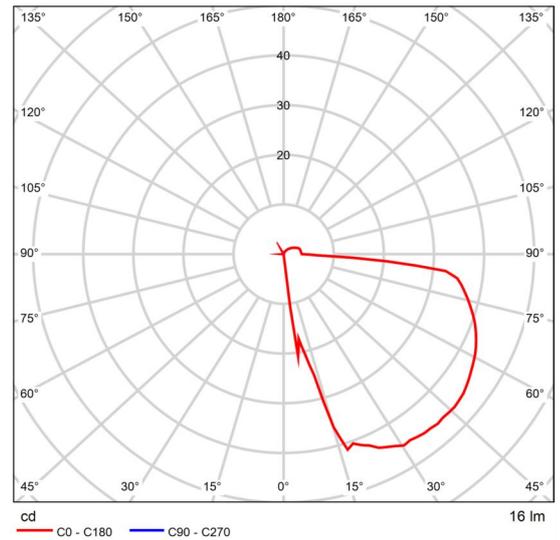


Product data sheet

SISTEMALUX S.p.A. - STEP 1 LED Cree XPG 700mA White Warm 3200K



Article No.	S4655W.01
P	3.0 W
Φ_{Lamp}	-
$\Phi_{Luminaire}$	16 lm
η	-
Luminous efficacy	5.3 lm/W
CCT	2700 K
CRI	80



Polar LDC

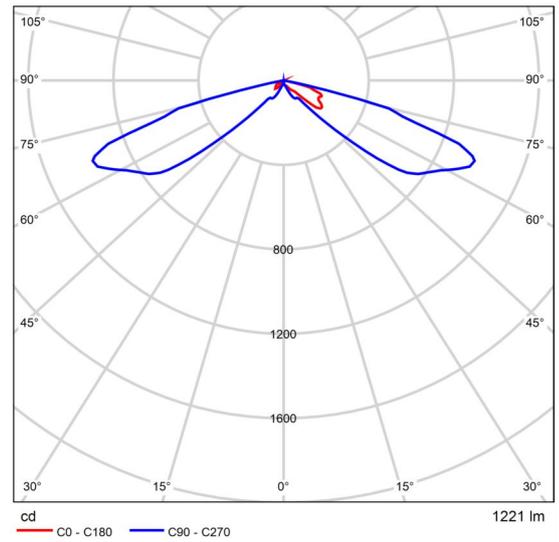


Product data sheet

Sternberg Lighting - Modern Prarie Bollard production sample, Optic TA, Lens CA - Clear Acrylic



Article No.	US360-8L40TA-MDL06-CA
P	37.0 W
Φ_{Lamp}	-
$\Phi_{Luminaire}$	1221 lm
η	-
Luminous efficacy	33.0 lm/W
CCT	2700 K
CRI	70



Polar LDC

