

# 2000162933 MSJ Place Beekkant (V2 modifié)

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**Concepteur** IEL540

**Projet #** 1

**Date** 20/06/2023

**Application** Ulysse 3.5.4

**Description** 17 CityCharm GRN100 S-DF bridés à 70% + 24 Icaros Street (R2) + 19 Icaros Flood (F4) bridés à 25% + 7 Albany déplacés (et modifiés en Led's) - Déplacement de 2 CityCharm et suppression des pot 127 et 128

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## 1. Luminaires

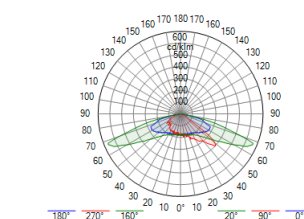
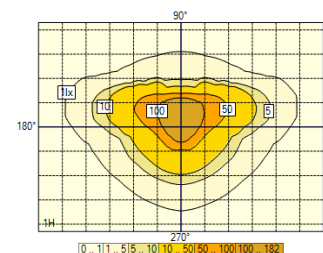
### 1.1. Albany MIDI LED 5139 48 Cree XP-G2 350mA WW 361992 Lum. shape-related PC Smooth - TF

**Type** Albany MIDI LED 5139 - 48 Cree XP-G2 ...

**Source** 48 Cree XP-G2

**FM** 0,86

**Matrice** Albany MIDI LED 5139 48 Cree XP-G2 350mA ...



#### Programmed configuration

Current [mA]	Φ source [klm]	Φ sortant [klm]	Coéf. [%]	Puissance [W]	Efficacité [lm/W]
	5,554	5,554	100,00	53,0	105
	3,888	3,888	70,00	37,1	105

Note: The driver dimming information is not available with this Fixture details. The power and efficacy calculated here are linear estimations.

### 1.2. BDS490 T35 1xGRN100\_830 S DF

**Type** BDS490 T35 S DF GRN100/- NO

**Source** GRN100/830/-

**Flux source** 10,000 klm

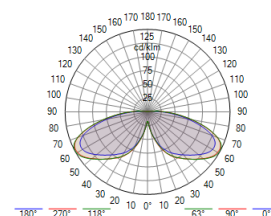
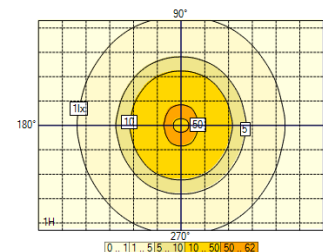
**Puissance lumineuse** 77,0 W

**FM** 0,86

**Matrice** BDS490 T35 1xGRN100\_830 S DF

**Flux lumineuse** 6,629 klm

**Efficacité** 86 lm/W



#### Programmed configuration

Current [mA]	Φ source [klm]	Φ sortant [klm]	Coéf. [%]	Puissance [W]	Efficacité [lm/W]
	7,000	4,640	70,00	53,9	86

Note: The driver dimming information is not available with this Fixture details. The power and efficacy calculated here are linear estimations.

### 1.3. ICAROS P651XT LED 32-LED 2LJ R2 3000K

Type Projecteur ICAROS P651XT LED 2xJCLASS ...

Source 2 LED JCLASS R2 32W 700mA 30K70 1908

Flux source 9,078 klm

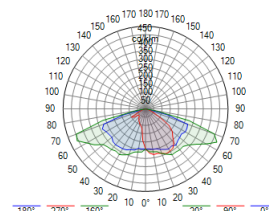
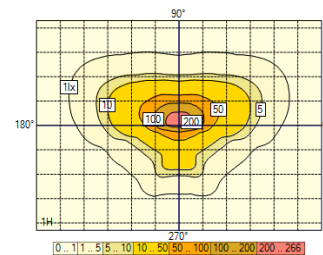
Puissance lumineuse 71,4 W

FM 0,86

Matrice ICAROS P651XT LED 32-LED 2LJ R2 3000K

Flux lumineuse 8,092 klm

Efficacité 113 lm/W



### 1.4. ICAROS P651XT LED 32-LED 2LJ F4 3000K

Type Projecteur ICAROS P651XT LED 2xJCLASS ...

Source 2 LED JCLASS F4 32W 700mA 30K70 1908

Flux source 9,418 klm

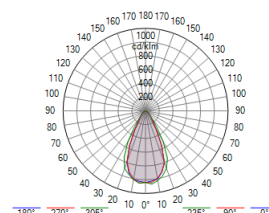
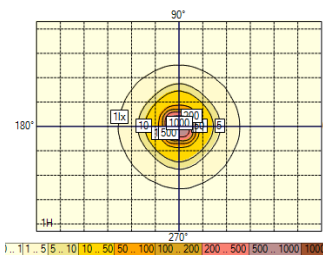
Puissance lumineuse 71,4 W

FM 0,86

Matrice ICAROS P651XT LED 32-LED 2LJ F4 3000K

Flux lumineuse 9,184 klm

Efficacité 129 lm/W



#### Programmed configuration

Current [mA]	Φ source [klm]	Φ sortant [klm]	Coéf. [%]	Puissance [W]	Efficacité [lm/W]
	4,709	4,592	50,00	35,7	129
	2,355	2,296	25,00	17,9	128

Note: The driver dimming information is not available with this Fixture details. The power and efficacy calculated here are linear estimations.

## 2. Résultats

### 2.1. Résumé des grilles

#### Grille rectangulaire XY

1. Eclairage normal

	Moy (A) (lx)	Min/Moy (%)	Min/Max (%)	Min (lx)	Max (lx)
Configuration	16,5	3	1	0,4	76,4







## 3. Consommation énergétique

### 3.1. Configuration









Appareil	Current [mA]	Qty	Dimming	Puissance / Appareil	Total
Albany MIDI LED 5139 48 Cree XP-G2 350mA WW 361992 Lum. shape-related PC Smooth - TF	0	17	100 %	53 W	901 W
Albany MIDI LED 5139 48 Cree XP-G2 350mA WW 361992 Lum. shape-related PC Smooth - TF	0	4	100 %	37 W	148 W
BDS490 T35 1xGRN100_830 S DF	0	17	100 %	54 W	916 W
ICAROS P651XT LED 32-LED 2LJ F4 3000K	0	7	100 %	36 W	250 W
ICAROS P651XT LED 32-LED 2LJ F4 3000K	0	8	100 %	18 W	143 W
ICAROS P651XT LED 32-LED 2LJ R2 3000K	0	23	100 %	71 W	1642 W

## 4. Configuration






























### 4.1. Description des matrices

Couleur ph.	Description	Courant [mA]	Flux source [klm]	Flux luminaire [klm]	Puissance [W]	Efficacité [lm/W]	FM	Hauteur [m]	Luminaire
	Albany MIDI LED 5139 48 Cree XP-G2 350mA WW 361992 Lum. shape-related PC Smooth - TF		5,554	5,554	53,0	105	0,860	17 x 6,30	
	Albany MIDI LED 5139 48 Cree XP-G2 350mA WW 361992 Lum. shape-related PC Smooth - TF		3,888	3,888	37,1	105	0,860	4 x 6,30	
	BDS490 T35 1xGRN100_830 S DF		7,000	4,640	53,9	86	0,860	17 x 4,50	
	ICAROS P651XT LED 32-LED 2LJ F4 3000K		2,355	2,296	17,9	129	0,860	8 x 6,50	
	ICAROS P651XT LED 32-LED 2LJ F4 3000K		4,709	4,592	35,7	129	0,860	3 x 6,50 6 x 7,00	
	ICAROS P651XT LED 32-LED 2LJ R2 3000K		9,078	8,092	71,4	113	0,860	23 x 7,00	

### 4.2. Positions des luminaires

	Color	N°	Position			Luminaire							Cible		
			X [m]	Y [m]	Z [m]	Nom	Courant [mA]	Az [°]	Inc [°]	Rot [°]	Flux [klm]	FM	X [m]	Y [m]	Z [m]
<input checked="" type="checkbox"/>		1	23,73	56,09	7,00	ICAROS P651XT LED 32-LED 2LJ R2 3000K	-	270,5	10,0	0,0	9,078	0,860	22,49	56,10	0,00
<input checked="" type="checkbox"/>		2	24,46	41,70	6,50	ICAROS P651XT LED 32-LED 2LJ F4 3000K	-	207,1	64,0	0,0	9,418	0,860	18,40	29,85	0,00
<input checked="" type="checkbox"/>		3	24,67	55,50	6,50	ICAROS P651XT LED 32-LED 2LJ F4 3000K	-	122,1	50,5	0,0	9,418	0,860	31,35	51,31	0,00
<input checked="" type="checkbox"/>		4	25,00	68,77	6,50	ICAROS P651XT LED 32-LED 2LJ F4 3000K	-	135,3	59,1	0,0	9,418	0,860	32,64	61,04	0,00
<input checked="" type="checkbox"/>		5	25,00	70,18	7,00	ICAROS P651XT LED 32-LED 2LJ R2 3000K	-	0,0	10,0	0,0	9,078	0,860	25,00	71,41	0,00
<input checked="" type="checkbox"/>		6	25,10	41,49	7,00	ICAROS P651XT LED 32-LED 2LJ R2 3000K	-	179,0	10,0	0,0	9,078	0,860	25,13	40,25	0,00
<input checked="" type="checkbox"/>		7	43,19	41,38	7,00	ICAROS P651XT LED 32-LED 2LJ R2 3000K	-	179,0	10,0	0,0	9,078	0,860	43,21	40,14	0,00
<input checked="" type="checkbox"/>		8	43,19	42,78	6,50	ICAROS P651XT LED 32-LED 2LJ F4 3000K	-	319,2	47,4	0,0	9,418	0,860	38,56	48,13	0,00

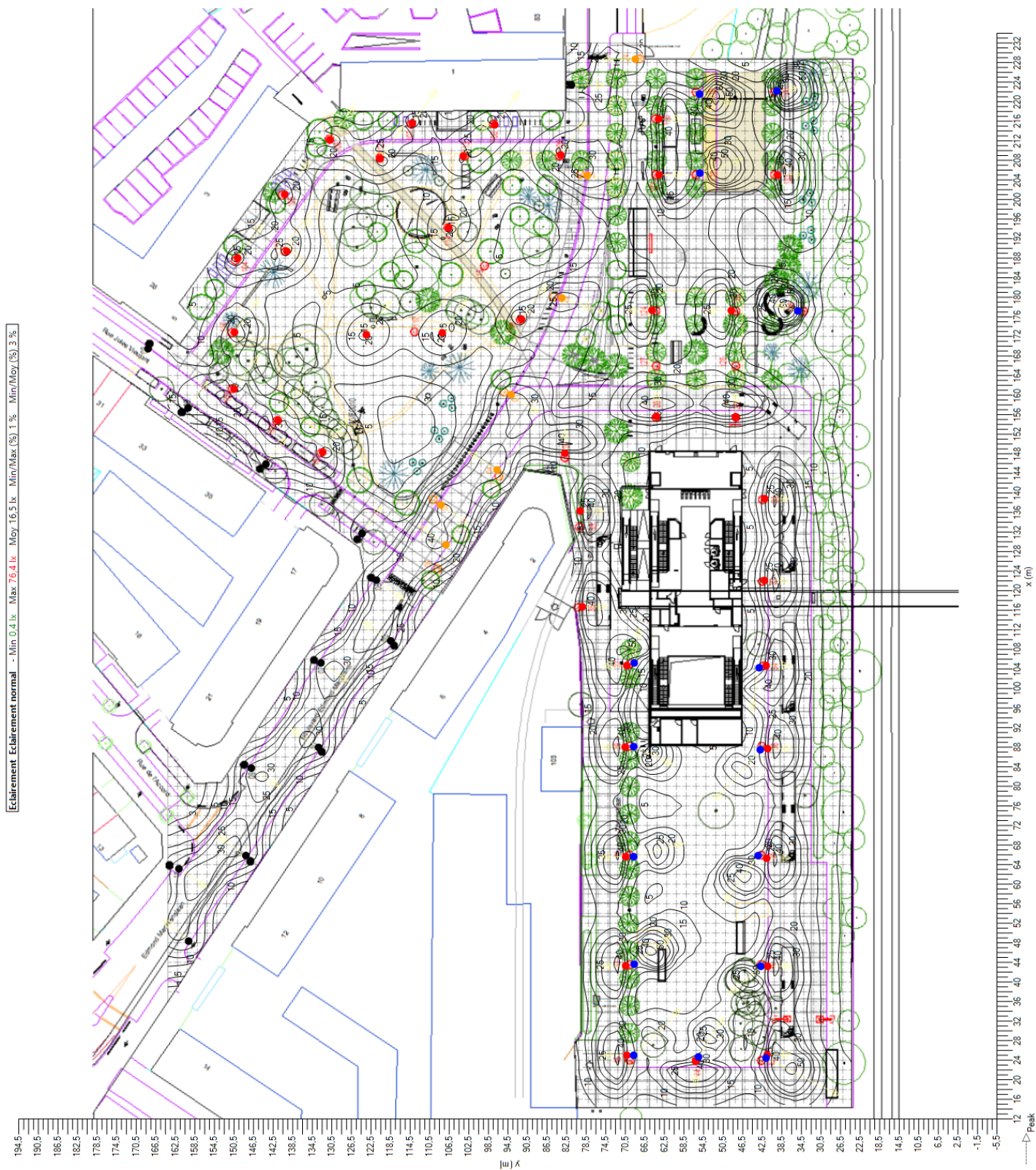


<input checked="" type="checkbox"/>		50	169,47	168,03	6,30	Albany MIDI LED 5139 48 Cree XP-G2 350mA WW 361992 Lum. shape-related PC Smooth - TF	-	305,5	0,0	0,0	5,554	0,860	169,47	168,03	0,00
<input checked="" type="checkbox"/>		51	172,36	123,42	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	172,36	123,42	0,00
<input checked="" type="checkbox"/>		52	172,71	107,89	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	172,71	107,89	0,00
<input checked="" type="checkbox"/>		53	172,86	150,36	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	172,86	150,36	0,00
<input checked="" type="checkbox"/>		54	175,50	91,69	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	175,50	91,69	0,00
<input checked="" type="checkbox"/>		55	177,20	35,22	7,00	ICAROS P651XT LED 32-LED 2L F4 3000K	-	16,4	28,4	0,0	9,418	0,860	178,28	38,86	0,00
<input checked="" type="checkbox"/>		56	177,27	48,82	7,00	ICAROS P651XT LED 32-LED 2L R2 3000K	-	0,0	10,0	0,0	9,078	0,860	177,27	50,05	0,00
<input checked="" type="checkbox"/>		57	177,35	65,03	7,00	ICAROS P651XT LED 32-LED 2L R2 3000K	-	359,6	10,0	0,0	9,078	0,860	177,34	66,26	0,00
<input checked="" type="checkbox"/>		58	179,87	83,46	6,30	Albany MIDI LED 5139 48 Cree XP-G2 350mA WW 361992 Lum. shape-related PC Smooth - TF	-	198,6	0,0	0,0	5,554	0,860	179,87	83,46	0,00
<input checked="" type="checkbox"/>		59	188,04	149,73	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	188,04	149,73	0,00
<input checked="" type="checkbox"/>		60	189,40	139,68	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	189,40	139,68	0,00
<input checked="" type="checkbox"/>		61	194,20	106,61	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	194,20	106,61	0,00
<input checked="" type="checkbox"/>		62	201,02	140,10	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	201,02	140,10	0,00
<input checked="" type="checkbox"/>		63	204,89	78,22	6,30	Albany MIDI LED 5139 48 Cree XP-G2 350mA WW 361992 Lum. shape-related PC Smooth - TF	-	186,4	0,0	0,0	5,554	0,860	204,89	78,22	0,00
<input checked="" type="checkbox"/>		64	204,97	39,36	7,00	ICAROS P651XT LED 32-LED 2L R2 3000K	-	178,1	10,0	0,0	9,078	0,860	205,02	38,13	0,00
<input checked="" type="checkbox"/>		65	205,05	63,57	7,00	ICAROS P651XT LED 32-LED 2L R2 3000K	-	178,7	10,0	0,0	9,078	0,860	205,08	62,34	0,00
<input checked="" type="checkbox"/>		66	205,37	55,24	7,00	ICAROS P651XT LED 32-LED 2L F4 3000K	-	161,6	47,9	0,0	9,418	0,860	207,82	47,89	0,00
<input checked="" type="checkbox"/>		67	208,36	120,64	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	208,36	120,64	0,00
<input checked="" type="checkbox"/>		68	208,87	103,62	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	208,87	103,62	0,00
<input checked="" type="checkbox"/>		69	209,08	83,67	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	209,08	83,67	0,00
<input checked="" type="checkbox"/>		70	212,18	130,85	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	212,18	130,85	0,00
<input checked="" type="checkbox"/>		71	215,26	97,17	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	215,26	97,17	0,00
<input checked="" type="checkbox"/>		72	215,57	114,03	4,50	BDS490 T35 1xGRN100_830 S DF	-	125,9	0,0	0,0	10,000	0,860	215,57	114,03	0,00
<input checked="" type="checkbox"/>		73	216,46	63,65	7,00	ICAROS P651XT LED 32-LED 2L R2 3000K	-	180,0	10,0	0,0	9,078	0,860	216,46	62,41	0,00
<input checked="" type="checkbox"/>		74	221,55	55,29	7,00	ICAROS P651XT LED 32-LED 2L F4 3000K	-	196,5	39,6	0,0	9,418	0,860	219,90	49,74	0,00
<input checked="" type="checkbox"/>		75	222,21	39,51	7,00	ICAROS P651XT LED 32-LED 2L F4 3000K	-	171,5	27,2	0,0	9,418	0,860	222,74	35,95	0,00
<input checked="" type="checkbox"/>		76	223,43	81,51	6,30	Albany MIDI LED 5139 48 Cree XP-G2 350mA WW 361992 Lum. shape-related PC Smooth - TF	-	180,0	0,0	0,0	5,554	0,860	223,43	81,51	0,00
<input checked="" type="checkbox"/>		77	228,69	68,43	6,30	Albany MIDI LED 5139 48 Cree XP-G2 350mA WW 361992 Lum. shape-related PC Smooth - TF	-	0,0	0,0	0,0	5,554	0,860	228,69	68,43	0,00
<input checked="" type="checkbox"/>		78	251,85	70,09	6,30	Albany MIDI LED 5139 48 Cree XP-G2 350mA WW 361992 Lum. shape-related PC Smooth - TF	-	360,0	0,0	0,0	5,554	0,860	251,85	70,09	0,00



### 4.3. Grille rectangulaire XY - Normal

Isolevel





Fausses couleurs

