

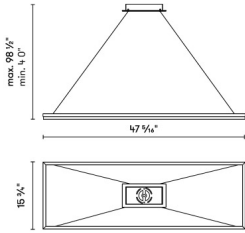
CIRC Pendant

00-4876-BW-M3U v0



Finish
Matt white
Sandblasted
NA

Material
Aluminium
Steel
Methacrylate



TECHNICAL CHARACTERISTICS

Light source

Light source: LED REFOND
Output (W): 34W
Color temperature: LED warm-white
3000K
CRI: 80
Photobiological risk: RG0
Qty Leds: 384
Life Time: 50.000h L80B20
Bin / Grup: 30K

GEAR

Brand: FULHAM
Gear included: Yes, electronic
Voltage / Frequency: 120-277 VAC

Luminaire

Warranty: 5 Years

Logistics

EAN Code: 8435381434007
Net Weight (Lb): 8.32
Weight in Kg (packaged): 5.140
Packing: 520 x 100 x 1320
Masterbox: 1

The photograph may not match the reference exactly. Please read the product description to identify the finish.

Luminaire

Code 00-4876-BW-M3
 Name Colgante CIRC leds 34W

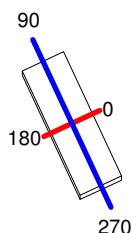
Measurerm.

Code 00-4872-BW-M3
 Name Colgante CIRC leds 34W

Luminaire Flux	2797.51 lm	Luminaire Power	34.00 W	Efficacy	82.28 lm/W	Efficiency	100.00%
Lamps Flux	2797.51 lm	Maximum value	718.68 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire Rectangular Luminous Area	Length Length	1200 mm 1200 mm	Width Width	400 mm 400 mm	Height Height	37 mm 20 mm	
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.480000 m2 0.024000 m2 0.008000 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°	0.024000 m2 0.008000 m2 0.139410 m2				
Coordinate system Date Measurement Distance	CG 28-09-2015 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux	Double Symmetrical 180 2797.51 lm				
Operator Temperature Humidity Notes	Asselum T2 25.00 °C 60.00 %	Source voltage Source current Photocell					

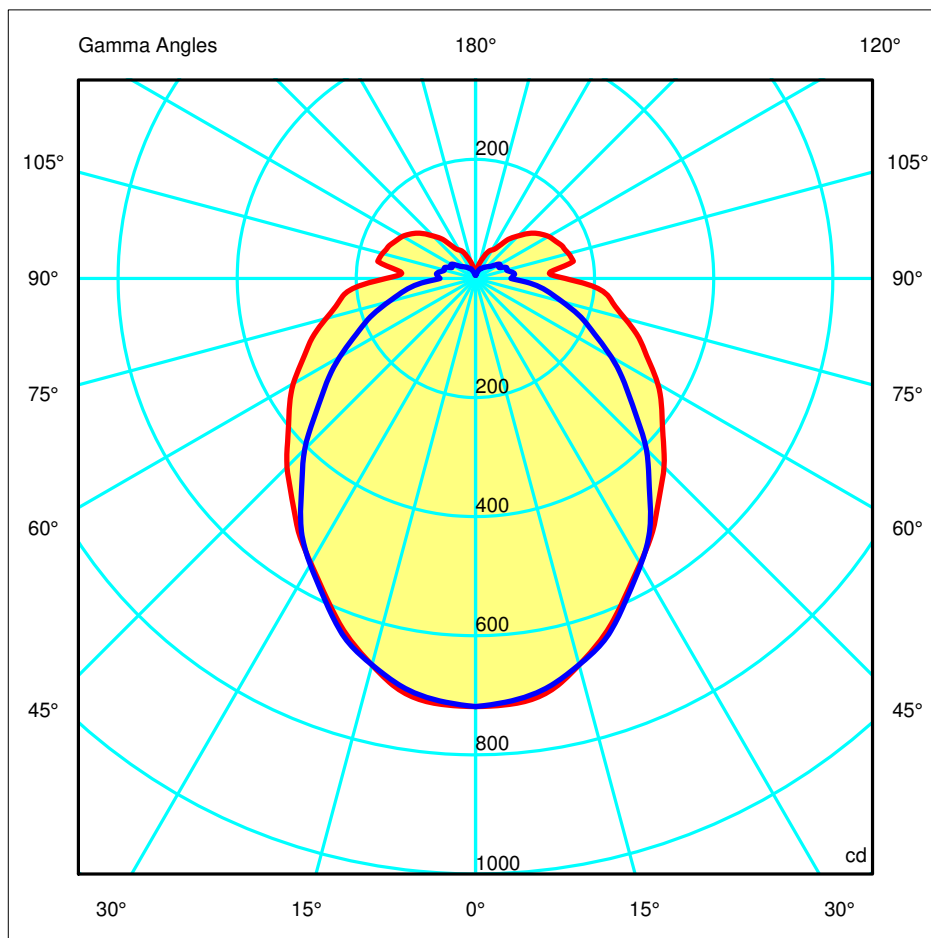
Line	Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		Name				
	00-4872-BW-M3	00-4872-BW-M3 - 34.00 W		2797.51	34.00	1
C.I.E. F UTE	40 68 87 79 100 0.79 G + 0.21 T	D DIN 5040 B NBN		B21 BZ 5 / 1.25 / BZ 6		

1200mm x 400mm



C Halfplanes
 180.0 — 0.0
 270.0 — 90.0

ULOR 21.11 %
 DLOR 78.89 %
 RN 21.11 %



Luminaire

Code 00-4876-BW-M3
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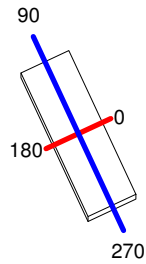
Measur.

Code 00-4872-BW-M3
 Name Colgante CIRC leds 34W

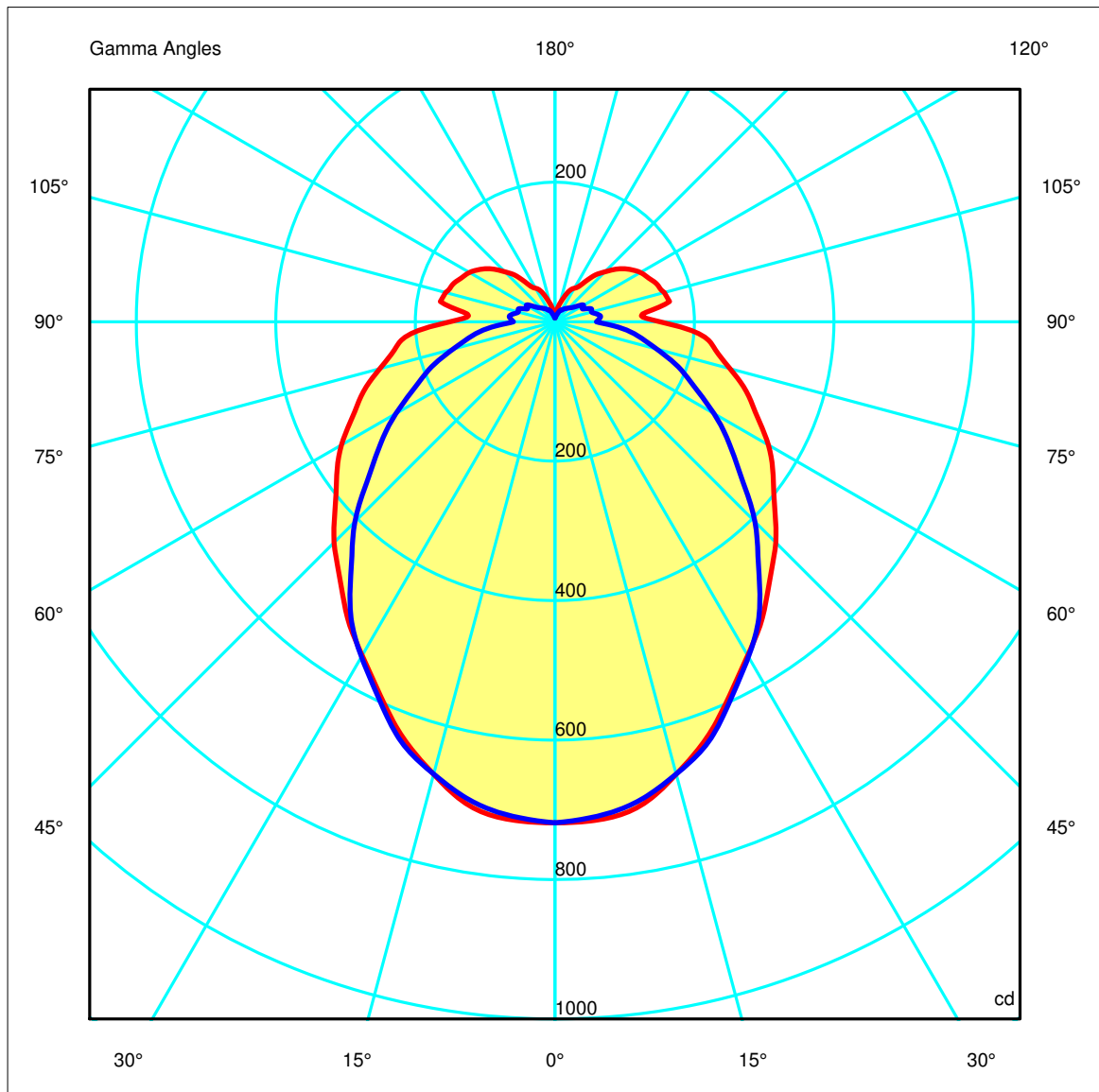
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1200mm x 400mm

C Halfplanes



180.0 ——— 0.0
 270.0 ——— 90.0



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Code 00-4876-BW-M3
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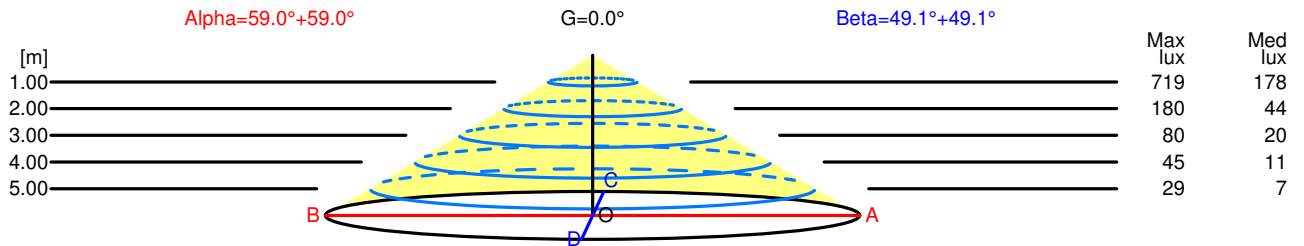
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.67	3.33	5.00	6.67	8.33	OC	1.15	2.31	3.46	4.62	5.77
OB	1.67	3.33	5.00	6.67	8.33	OD	1.15	2.31	3.46	4.62	5.77

	Luminous Intensities [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	718.68	717.02	671.85	591.81	518.45	447.61	381.67	319.44	259.75	209.42
OB	718.68	717.02	671.85	591.81	518.45	447.61	381.67	319.44	259.75	209.42
OC	718.68	711.51	671.56	596.77	510.65	405.46	305.32	220.51	150.72	92.42
OD	718.68	711.51	671.56	596.77	510.65	405.46	305.32	220.51	150.72	92.42



H[m]	D[m]	Max lux	Med lux	Alpha=59.0°+59.0°	G=0.0	
1.00	3.33	719	178			
2.00	6.67	180	44			
3.00	10.00	80	20			
4.00	13.33	45	11			
5.00	16.67	29	7			

H[m]	D[m]	Max lux	Med lux	Beta=49.1°+49.1°	G=0.0	
1.00	2.31	719	178			
2.00	4.62	180	44			
3.00	6.92	80	20			
4.00	9.23	45	11			
5.00	11.54	29	7			

Luminaire

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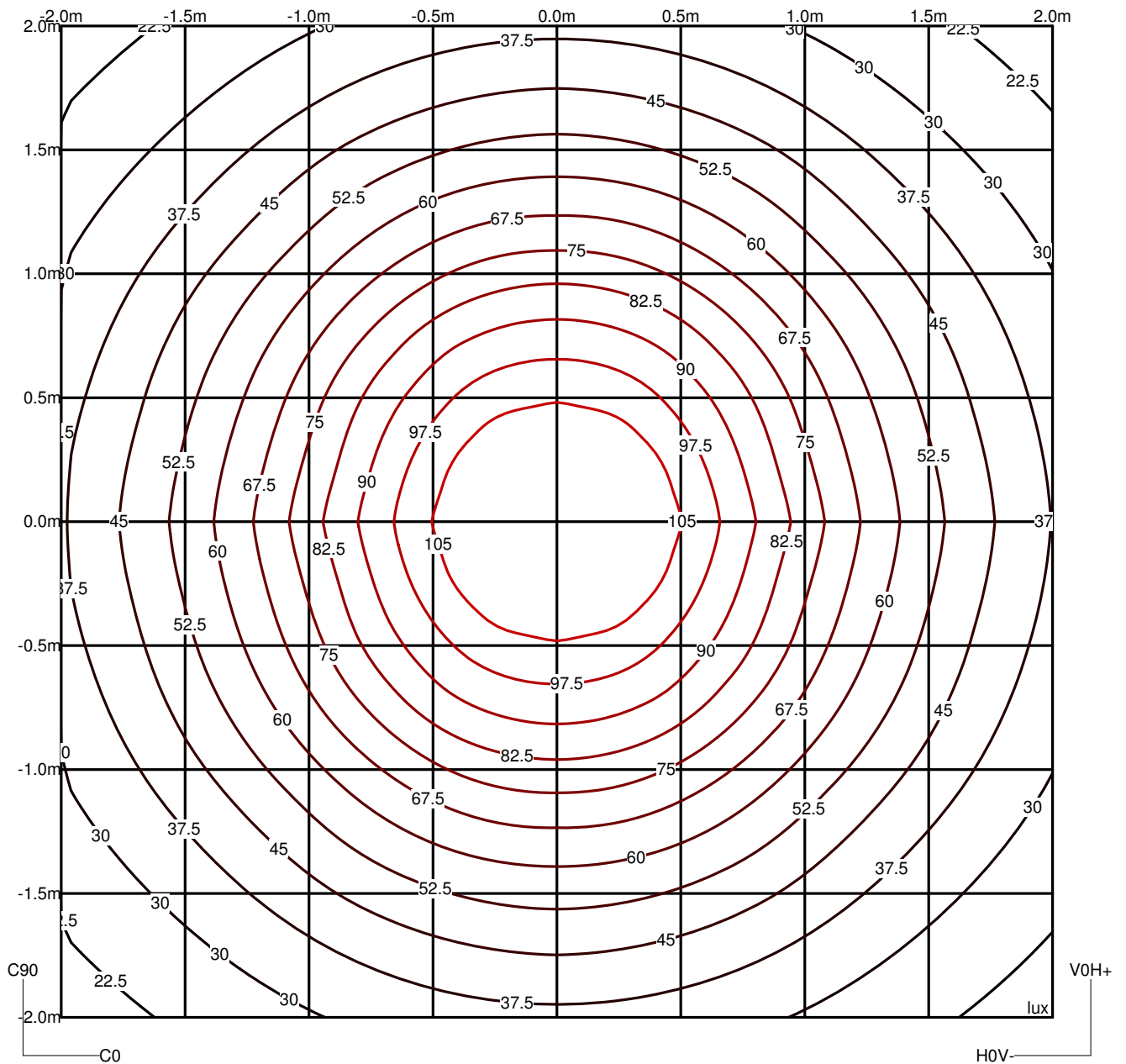
Measur.

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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire

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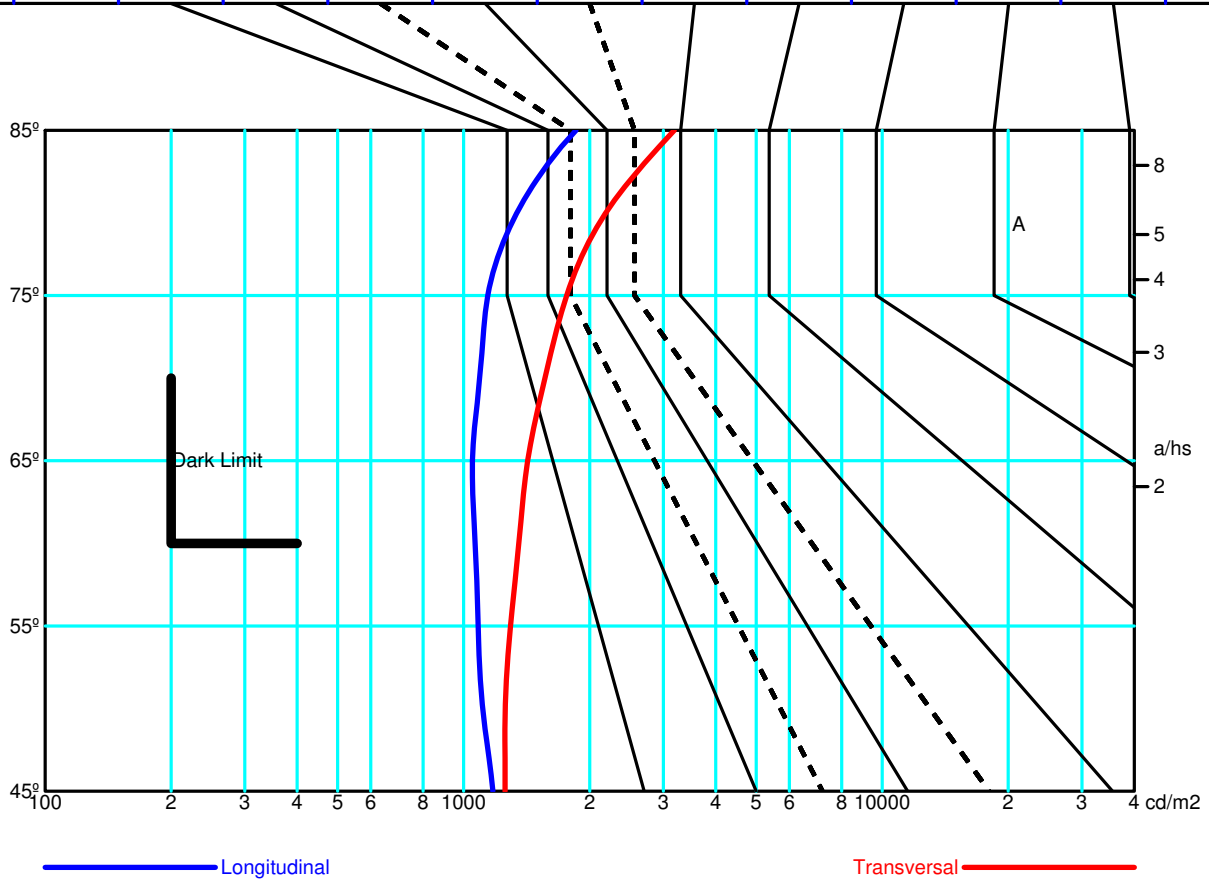
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		Average Luminance [cd/m ²]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	1256	1257	1294	1355	1422	1564	1762	2185	3185	---	
90.0°	1175	1111	1083	1065	1050	1092	1142	1340	1856	---	

Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



Luminaire

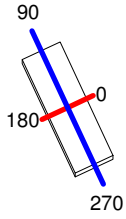
Code 00-4876-BW-M3
 Name Colgante CIRC leds 34W

Measurem.

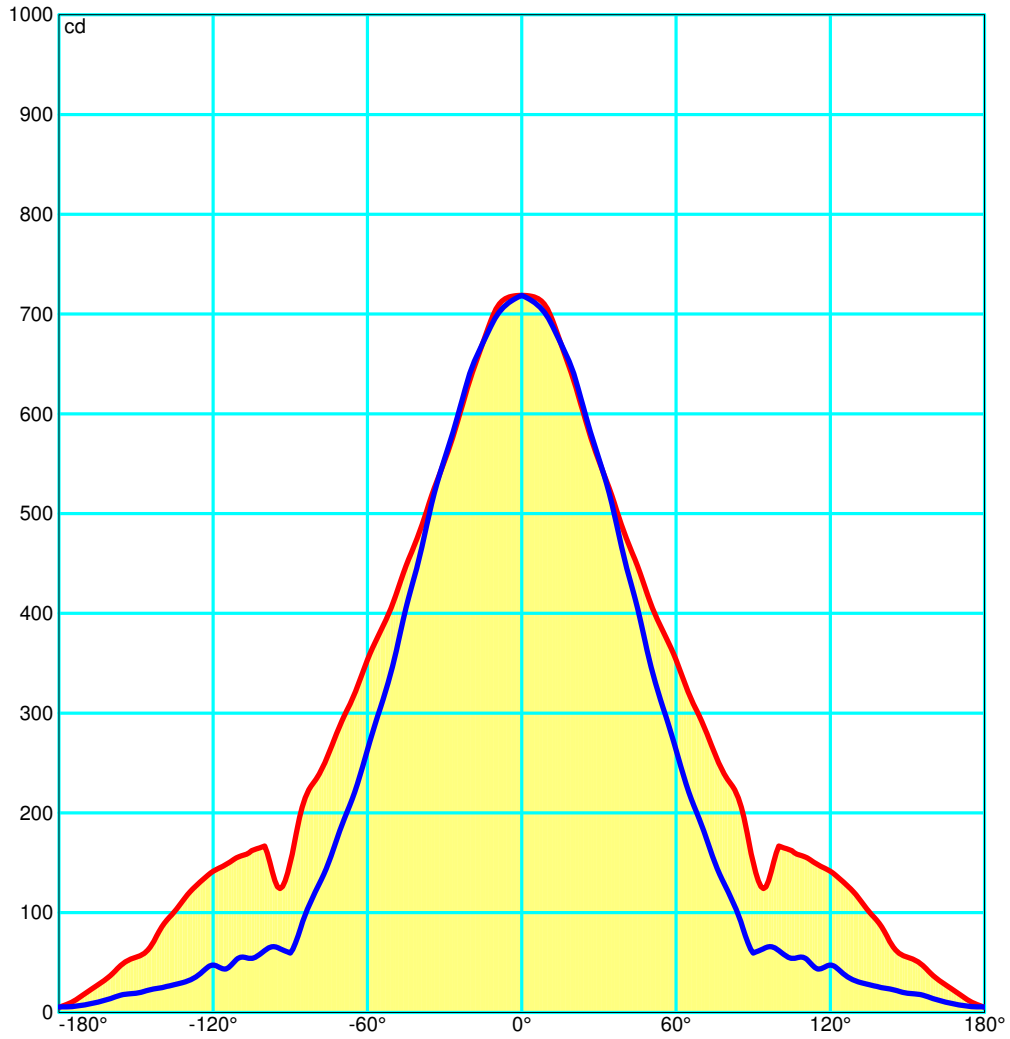
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Lamps Flux	2797.51 lm	Maximum value	718.68 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

1200mm x 400mm



C Halfplanes
 180.0 ——— 0.0
 270.0 ——— 90.0



Luminaire

Code 00-4876-BW-M3
Name Colgante CIRC leds 34W

Measurement

Code 00-4872-BW-M3
Name Colgante CIRC leds 34W

Luminaire Flux	2797.51 lm	Luminaire Power	34.00 W	Efficacy	82.28 lm/W	Efficiency	100.00%
Lamps Flux	2797.51 lm	Maximum value	718.68 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	12.0	13.1	12.5	13.7	13.5	11.1	12.2	11.7	12.8	13.5
x=2H y=3H	14.4	15.5	15.0	16.1	15.4	13.0	14.1	13.6	14.7	15.4
x=2H y=4H	15.7	16.7	16.3	17.3	16.3	14.0	14.9	14.6	15.6	16.3
x=2H y=6H	17.1	18.0	17.7	18.6	17.2	14.9	15.8	15.5	16.5	17.2
x=2H y=8H	17.8	18.7	18.5	19.4	17.7	15.4	16.3	16.0	16.9	17.7
x=2H y=12H	18.6	19.5	19.3	20.1	18.2	15.9	16.7	16.6	17.4	18.2
x=4H y=2H	12.8	13.8	13.5	14.4	14.5	12.2	13.2	12.8	13.8	14.5
x=4H y=3H	15.5	16.3	16.2	17.0	16.7	14.4	15.3	15.1	15.9	16.7
x=4H y=4H	16.9	17.7	17.6	18.4	17.8	15.5	16.3	16.2	17.0	17.8
x=4H y=6H	18.5	19.2	19.2	19.9	18.9	16.7	17.3	17.4	18.1	18.9
x=4H y=8H	19.3	20.0	20.1	20.7	19.4	17.3	17.9	18.0	18.6	19.4
x=4H y=12H	20.2	20.8	21.0	21.5	20.0	17.8	18.4	18.6	19.1	20.0
x=8H y=4H	17.5	18.2	18.3	18.9	18.6	16.4	17.1	17.2	17.8	18.6
x=8H y=6H	19.3	19.9	20.1	20.6	20.1	17.9	18.4	18.7	19.2	20.1
x=8H y=8H	20.4	20.8	21.1	21.6	20.8	18.7	19.1	19.4	19.9	20.8
x=8H y=12H	21.5	21.9	22.2	22.6	21.5	19.4	19.8	20.2	20.6	21.5
x=12H y=4H	17.6	18.2	18.4	18.9	18.8	16.7	17.2	17.4	18.0	18.8
x=12H y=6H	19.6	20.0	20.3	20.8	20.4	18.3	18.8	19.1	19.5	20.4
x=12H y=8H	20.7	21.1	21.5	21.9	21.3	19.2	19.6	20.0	20.4	21.3

Luminaire

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Measur.

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Lamps Flux	2797.51 lm	Maximum value	718.68 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Total Flux=2797.51 Luminaire Flux=2797.51

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.27	0.34	0.40	0.46	0.52	0.60	0.66	0.70	0.75	0.79	0.88	0.93
RC	6	6	6	7	7	7	7	7	7	7	7	7

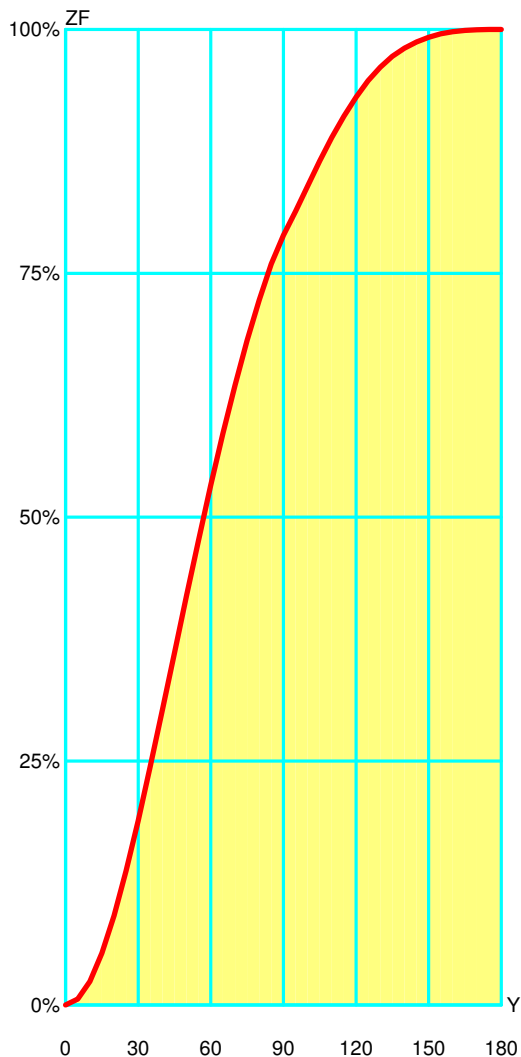
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	24	92	189	303	420	533	635	723	789	839	889	930	961	981	992	998	1000	1000

CIE Flux Codes

40 68 87 79 100

C.I.E.	6/6/6/7/7/7/7/7/7/7/7	LOR	100.00000 %
D DIN 5040	B21	ULOR	21.10569 %
F UTE	0.79 G + 0.21 T	DLOR	78.89431 %
B NBN	BZ 5 / 1.25 / BZ 6	UFF	21.10569 %
RN	21.10569 %	DFF	78.89431 %
BLF	1.0	FFR	26.75185 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	6.12	6.12	0.61 %	0.61 %
10°	18.05	24.17	1.81 %	2.42 %
15°	29.00	53.18	2.90 %	5.32 %
20°	38.42	91.60	3.84 %	9.16 %
25°	45.93	137.53	4.59 %	13.75 %
30°	51.51	189.05	5.15 %	18.90 %
35°	55.60	244.65	5.56 %	24.46 %
40°	57.89	302.54	5.79 %	30.25 %
45°	58.81	361.34	5.88 %	36.13 %
50°	58.57	419.91	5.86 %	41.99 %
55°	57.33	477.24	5.73 %	47.72 %
60°	55.63	532.87	5.56 %	53.29 %
65°	52.93	585.80	5.29 %	58.58 %
70°	49.67	635.46	4.97 %	63.55 %
75°	45.80	681.26	4.58 %	68.13 %
80°	41.45	722.71	4.14 %	72.27 %
85°	36.84	759.55	3.68 %	75.96 %
90°	29.39	788.94	2.94 %	78.89 %
95°	24.64	813.59	2.46 %	81.36 %
100°	25.71	839.30	2.57 %	83.93 %
105°	25.89	865.18	2.59 %	86.52 %
110°	24.11	889.29	2.41 %	88.93 %
115°	21.72	911.01	2.17 %	91.10 %
120°	19.49	930.50	1.95 %	93.05 %
125°	16.95	947.45	1.69 %	94.74 %
130°	13.87	961.32	1.39 %	96.13 %
135°	11.00	972.32	1.10 %	97.23 %
140°	8.43	980.75	0.84 %	98.07 %
145°	6.38	987.13	0.64 %	98.71 %
150°	4.82	991.95	0.48 %	99.20 %
155°	3.50	995.45	0.35 %	99.54 %
160°	2.28	997.73	0.23 %	99.77 %
165°	1.31	999.04	0.13 %	99.90 %
170°	0.66	999.70	0.07 %	99.97 %
175°	0.25	999.95	0.02 %	99.99 %
180°	0.05	1000.00	0.01 %	100.00 %

Luminaire

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Measurement

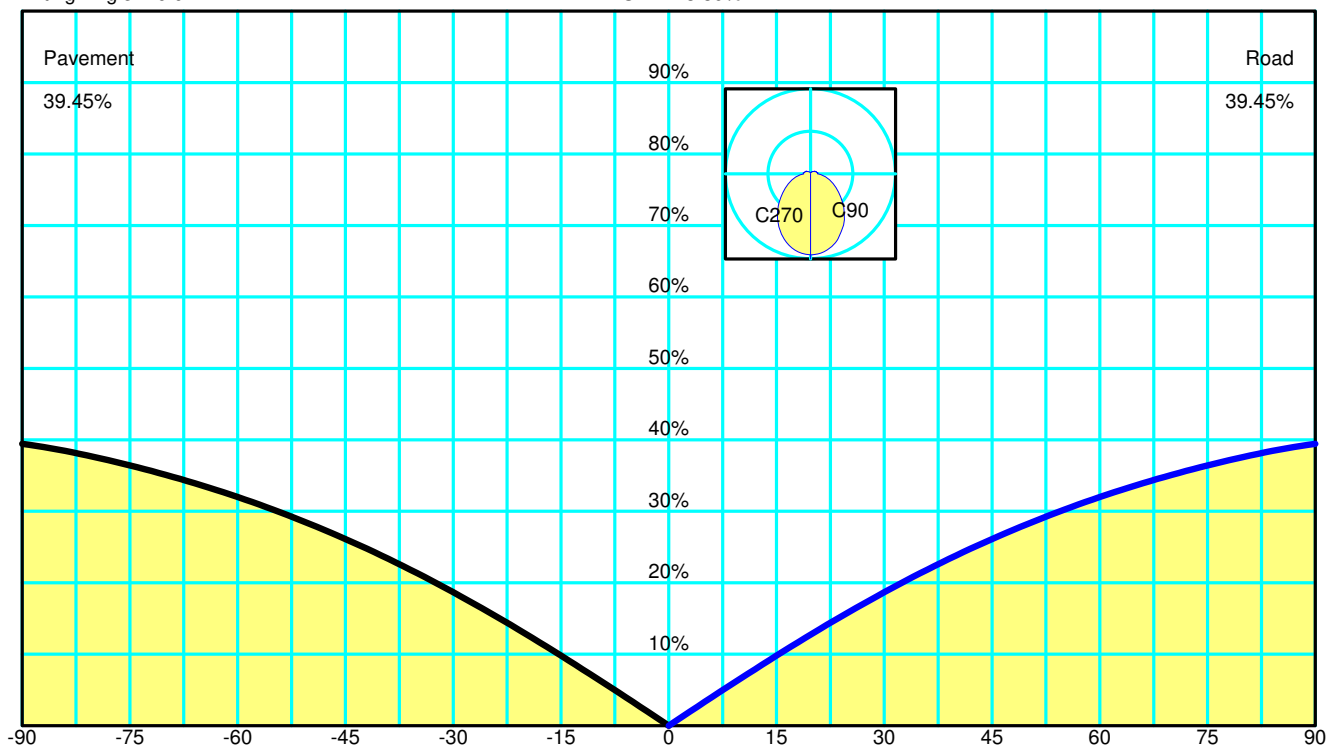
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Lamps Flux	2797.51 lm	Maximum value	718.68 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Pavement			Road		
Piano	0	0.00%	Piano	0	0.00%
Piano	-5	3.33%	Piano	5	3.33%
Piano	-10	6.60%	Piano	10	6.60%
Piano	-15	9.80%	Piano	15	9.80%
Piano	-20	12.89%	Piano	20	12.89%
Piano	-25	15.86%	Piano	25	15.86%
Piano	-30	18.68%	Piano	30	18.68%
Piano	-35	21.33%	Piano	35	21.33%
Piano	-40	23.82%	Piano	40	23.82%
Piano	-45	26.12%	Piano	45	26.12%
Piano	-50	28.25%	Piano	50	28.25%
Piano	-55	30.21%	Piano	55	30.21%
Piano	-60	32.00%	Piano	60	32.00%
Piano	-65	33.62%	Piano	65	33.62%
Piano	-70	35.10%	Piano	70	35.10%
Piano	-75	36.42%	Piano	75	36.42%
Piano	-80	37.60%	Piano	80	37.60%
Piano	-85	38.64%	Piano	85	38.64%
Piano	-90	39.45%	Piano	90	39.45%

Tilting Angle = 0.0

DLOR = 78.89%



Spread	19.3° Narrow	DLOR	78.89431 %
Throw	9.3° Short	ULOR	21.10569 %
SLI (glare)	5.3 Tight	Efficiency	100.00000 %
CIE Cutoff	Non Cutoff - Max: C=0.0° Gamma=0.0°	RN	21.10569 %
Iesna Cutoff	Non Cutoff	Luminous Intensity Class	GU
DIN5044	--	Glare Index	D5
IESNA Type II Very Short Asymmetrical			

Luminaire

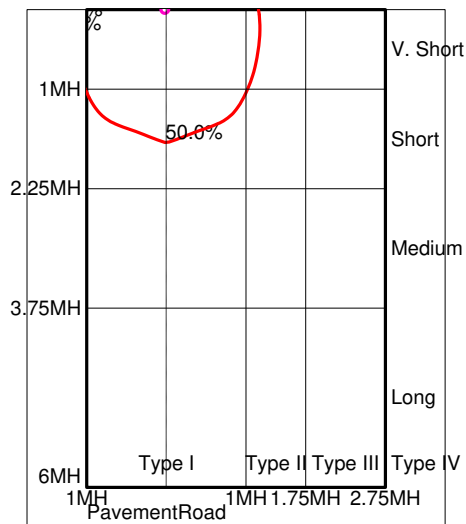
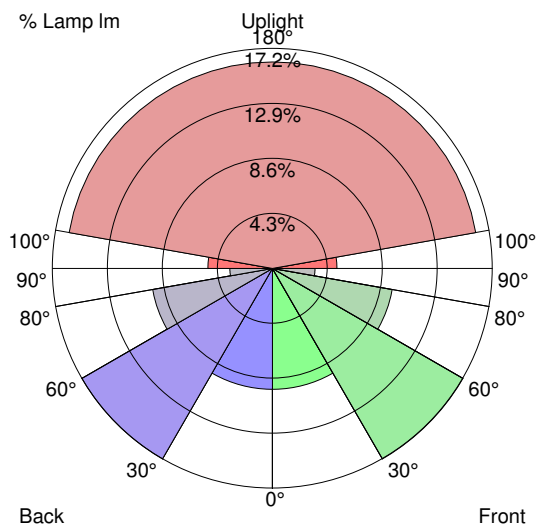
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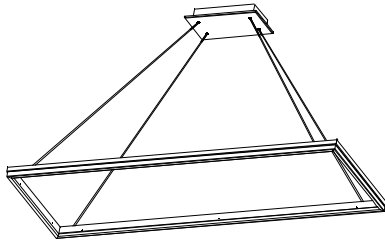
US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp %Lum
FL	0° -- 30°	264.0 lm	9.4 % 9.4 %
FM	30° -- 60°	480.3 lm	17.2 % 17.2 %
FH	60° -- 80°	265.5 lm	9.5 % 9.5 %
FVH	80° -- 90°	93.0 lm	3.3 % 3.3 %
BL	0° -- 30°	264.0 lm	9.4 % 9.4 %
BM	30° -- 60°	480.3 lm	17.2 % 17.2 %
BH	60° -- 80°	265.5 lm	9.5 % 9.5 %
BVH	80° -- 90°	93.0 lm	3.3 % 3.3 %
UL	90° -- 100°	140.9 lm	5.0 % 5.0 %
UH	100° -- 180°	450.9 lm	16.1 % 16.1 %
TOTALS		2797.5 lm	100.0 % 100.0 %
BUG B1 U3 G1 Type II Very Short Asymmetrical			

FIGURE N° 1. UNPACK THE FIXTURE: CHECK THE CONTENTS OF THE BOX. YOU SHOULD RECEIVE:

FIGURE N° 1. DÉBALLER LE PLAFONIER: VÉRIFIER LE CONTENU DU CARTON, VOUS DEVEZ RECEVOIR:



(1)A

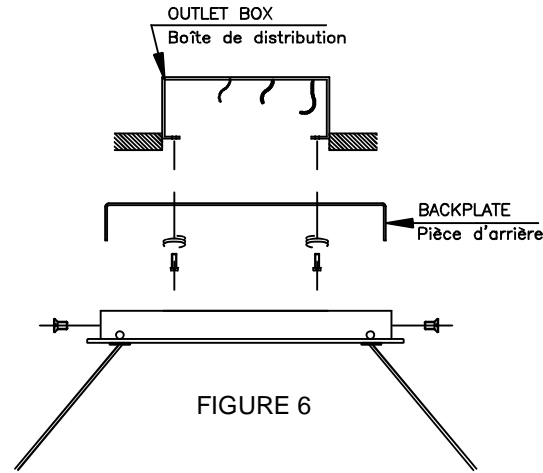


FIGURE 6

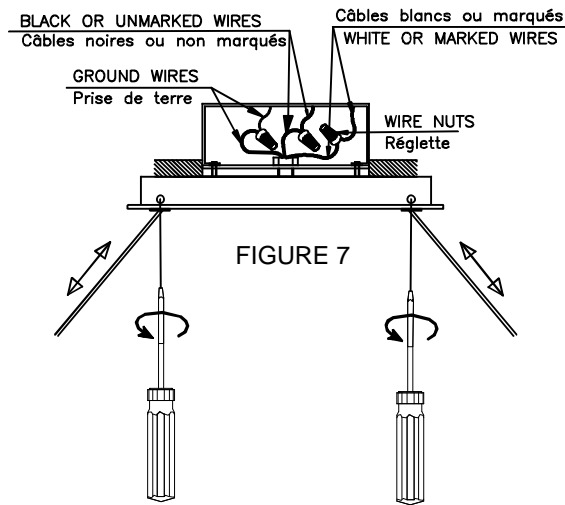
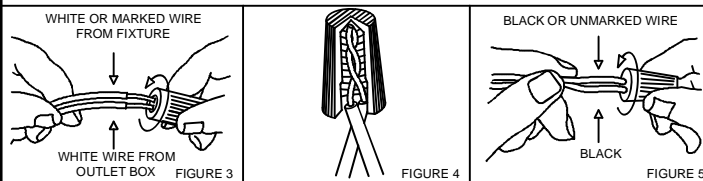


FIGURE 7

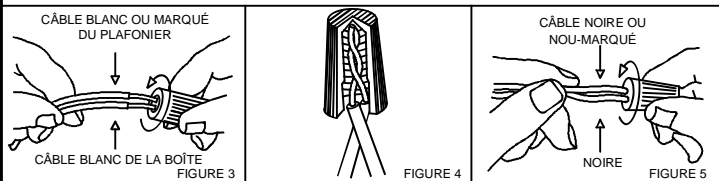
INSTALLATION INSTRUCTIONS FOR HANGING FIXTURES

FIGURE 3, 4 AND 5 MOUNTING HARDWARE.
NOTE: TEST THE CONNECTOR BY GENTLY PULLING IT. IF IT PULLS OUT THE CONNECTION, TRY AGAIN TILL YOU HAVE A FIRM CONNECTION. MAKE SURE NO BARE STRANDS OF WIRE STICK OUT FROM UNDER THE CONNECTORS.



INSTRUCTIONS D'INSTALLATION POUR PLAFONNIERS

FIGURE 3, 4 ET 5 MONTAGE DE L'ÉQUIPE.
IMPORTANT: ESSAYER DE TIRER LE CÂBLE D'ALIMENTATION DOUCEMENT. S'IL SORT DE LA CONNECTION, IL FAUDRAIT ASSURER QUE LA CONNECTION SOIT FERME. S'ASSURER QUE LES FILS DES CÂBLES NE SONT PAS À DÉCOUVERT DU CONNECTEUR.



CAUTION:
"Warning", "This product is to be installed by a qualified electrician only."

"Suitable for dry locations only"

ATTENTION:
"Attention", le raccordement électrique sera effectué par un technicien électrique qualifié

"Adéquat seulement en lieux secs."

CAUTION:
1.- Wrong lighting installation can be dangerous for your safety.
2.- Before starting, disconnect the power by turning off the general switch of the electric installation.
3.- Install light bulbs (not provided) that must not exceed markings on the fixture.
4.- To change the bulbs, disconnect the power by turning off the general switch and wait for the bulbs cool down.

INSTALLATION:
1.- Make electrical connections, carefully read the Electrical Connection section.
2.- Assemble lighting onto the outlet box as shown on fig. 6, & 7.

ELECTRICAL CONNECTIONS: (See fig. 3,4 y 5)
1.- Connect the white wire from the fixture to the white wire of the electric installation.
2.- Connect the black wire from the fixture to the black wire of the electric installation.
3.- Connect the grounding conductor from the fixture to the grounding wire of the electric installation.
4.- Spread out the electrical wires so that the black ones are on one side of the outlet box and the white ones are on the other side, and carefully introduce them into the outlet box.

ATTENTION:
1. Une mauvaise installation peut compromettre votre sécurité.
2. Déconnecter la tension du réseau d'alimentation avant de réaliser toute opération.
3. Installer les ampoules (non fournies), ne pas utiliser d'ampoules d'un autre type ou d'une puissance supérieure à celle indiquée sur l'étiquette de la lampe.
4. Pour changer les ampoules, déconnecter la tension du réseau d'alimentation et laisser refroidir les ampoules.

INSTALLATION:
1. Connecter au réseau, lire attentivement la section de "Raccordements électriques"
2. Installer l'appareil à la boîte de distribution comme indiqué dans les dessins 6 et 7.

RACCORDEMENTS ÉLECTRIQUES (dessins 3,4 et 5)
1. Connecter le câble blanc de l'appareil au câble blanc de l'installation électrique.
2. Connecter le câble noir de l'appareil au câble noir de l'installation électrique.
3. Connecter le câble conducteur de prise de terre au câble de prise de terre de l'installation électrique.
4. Distribuer les câbles pour que tout le câblage noir soit par dehors et le câblage blanc soit par dedans. Ajuster et immobiliser à la boîte sans coincer aucun câble.