## BLACK FOSTER SUSPENSION



Name         ELCK FISTER SUS-F1200 UL SPOT DIM ON BLARDA 4000K VT           Reference         Cold Formatic Statution         SUSPERSION           Category         SUSPERSION         SUSPERSION           DIMENSIONS         Client Source         SUSPERSION           DIMENSIONS         Color Temperature         6000 K           Color Temperature         6000 K         Color Temperature           Color Temperature         Color Temperature         Color Temperature           LIGHTING FIXTURE   PHOTOMETRIC DATA         Dimenting         Tematend Madde ERP-PSB sares or annit	-		PRODUCT
Calor       Testured Back-Metallord gold         DIMENSIONS       SUSPENSION         DIMENSIONS       LIGHT SOURCE         LIGHT SOURCE       LIGH         Color temperature       4000 k         Color Rendering Index       CRIVE         Color Rendering Index       CRIVE         Color Rendering Index       CRIVE         Lighting efficiency       TIV         Color Rendering Index       CRIVERI         Lighting efficiency       TIV         Delivered luminous flux       2250 Lm         Lighting efficiency       TIV         Delivered luminous flux       2250 Lm         Light beam angle       19°         Power values of the system       70.01 W         State (DTHING FIXTURE   ELECTRICAL DATA       Dimming         Power values of the system       70.01 W         State and pustion to accord masurements       Stol In Blue         Junction boc cover measurements       Stol In Blue	(		
Category       SUSPENSION         DIMENSIONS       LIGHT SOURCE         Color temperature       4001 K         Color temperature       700 mA         Current       700 mA         Lighting efficiency       100 R10 x 40 00th         Lighting efficiency       90%         230 bin 6000mil       220 Lm         Lighting efficiency       90%         230 bin 6000mil       100 Thior FIXTURE   PHOTOMETRIC DATA         Prover values of the source       700 m         Light beam angle       10         Prover values of the source       80/d 1/2         Dimming       DM m         Included: For actogonal Junction box       10         Junction box cover color       Taskard white, Dhease consult         Junction box cover color       70 mm         Junction box co			
DIMENSIONS			
DIMENSIONS	-	Category	SUSPENSION
DIMENSIONS			
DIMENSIONS	-	Type	
DIMENSIONS     Color temparature     4000 K       Ohromatic stability     MacAdam Step 3       Color Rendering Index     CRI-90       21 W     21 W       Courses     20 m A       Efficacy     119 Lm/W       LED Ulesgan     L80610 +40.000h       LeD Ulesgan     L80610 +40.000h       224.25n (400mm]     48 Sin (11 Horwel)       23.425n (400mm]     Light beam angle       24.55n (11 Horwel)     Delevered furnious flux       254.526 (400mm]     24 Sin (11 Horwel)       23.425n (400mm]     19*       24.55n (11 Horwel)     Delevered furnious flux       254.526 (400mm]     24 Sin (11 Horwel)       254.526 (400mm]     Diver       43 Sin (11 Horwel)     Diver values of the system       254.526 (400mm]     Junction box cover       254.526 (400mm]     Junction box cover color       Junction box cover color     Textured while. Other finshing, please consult       Gradue Fire DATA     Sin (11 Horwel)       Junction box cover color     Junction box cover color       Junction box cover color     Textured while. Other finshing, please consult       Gradue Fire DATA     Sin (11 Horwel)       Packaged weigt     Sin (11 Horwel)       13 Unction box cover color     Junction box cover color       Junction box cover c	-		
DIMENSIONS     Chromatic stability     MacAdam Step 3       Color Rendering Index     CR1+90       Lighting efficiency     90%       Delwerd luminous flux     CR0+PEST Secrets or similar       Color Rendering Index     CR1+NO FIXTURE I PHOTOMETRIC DATA       Delwerd luminous flux     CR1+NO FIXTURE I ELECTRICAL DATA       Color Rendering Index     CR1+NO FIXTURE I ELECTRICAL DATA       Power values of the system     S2400 H2       Dimming     Didwing Mice Color Color Color Rendering Under Color C	-		
DIMENSIONS  Color Rendering Index Power UW Current Power UW Current DIMENSIONS  Color Rendering Index Current Power UID UTMW CUrrent C	-		
2000000000000000000000000000000000000	DIMENSIONS		
Serves       Current       700 mA         LED lifespan       L89810 > 60.000h         LED lifespan       L9910 > 60.000h         LED lifespan       L10HTING FIXTURE I PHOTOMETRIC DATA         90%       Delivered luminous flux         22.02/m (000mm)       250 fm         48.85m (1190mm)       L10HTING FIXTURE I PHOTOMETRIC DATA         48.85m (1190mm)       Delivered luminous flux         22.02/m (000mm)       L10HTING FIXTURE I ELECTRICAL DATA         Mover values of the system       24.00 W         Frequency       50/40 Hz         Dimming       DiM on Board         Junction box cover color       Textured white. Other finishing, please consult         Junction box cover measurements       05.1 in   0140 mm         Junction box cover color       Textured white. Other finishing, please consult         Junction box cover color       Textured white. Other finishing, please consult         Gord Leight       181.01 3255 gr         Yes       Sets 11 4/470 gr         Packaging dimensions       06.10x5000 in   01551270 mm         Autorium - Accylonitrile Butadiene Styrene - Polycarbonate       Material	-		
••••••••       Efficacy       119 Lm/W         LED lifespan       L8010 > 60.000h         Lighting efficiency       90%         23.42m L00mm1       25.62m L00mm1         48.85m [1190mm]       Light beam angle         24.85m [1190mm]       19°         25.62m L00mm1       Light beam angle         26.85m [1190mm]       Driver         48.85m [1190mm]       Included: ERP-P5B series or similar         Power values of the system       24,00 W         Power values of the system       24,00 W         Dimming       Dimming         Dimming       DiM on Board         Cort Length       Included: For octogonal Junction box         Junction box cover color       Textured white. Other finishing, please consult         Other Environmental location       DAMP         Junction box cover color       Textured white. Other finishing, please consult         Other Environmental location       MAX 3.05 m         Sol 10 I al 0 mm       Cord Length         Max 2.305 m       Yes         Packaging dimensions       25.81 l 1470 gr         Packaging dimensions       86.10x50.00 in 1 @155x1270 mm         Materials       Auminum - Acrylontrite Butadiene Styrene - Polycarbonate	-		
LED Lifespan LED Lifespan LED Lifespan LIGHTING FIXTURE   PHOTOMETRIC DATA LIGHTING FIXTURE   ELECTRICAL DATA LIGHTING FIXTURE   ELECTRICAL DATA Power values of the system 48.85m 1130mmi Dirker Power values of the system 24.00 W Frequency 50/60 Hz Dimming Dimming Dimming Dimming Dimming OTHER DATA Corr Legan LIGHTING FIXTURE   ELECTRICAL DATA LIGHTING FIXTURE   ELECTRICAL DATA Corr Legan LIGHTING FIXTURE   ELECTRICAL DATA Dirker Power values of the system 24.00 W Trequency 50/60 Hz Dimming Dimming Dimming Dimming Dimming Dimming Dimming Dimming Dimming Packaged weight 7.18 lb 1285 gr Res	00000 00000		
Lighting efficiency Delivered luminous flux 250 Lm Light beam angle 23 62m (600mm) 48.85in (1190mm) 23 62m (600mm) 48.85in (1190mm) 25 0/0 Hz Dimming 24.00 W 26.00 W 20.00 M 20.00 M	-		
Light beam angle       19°         23.62m 1600mm]       Light beam angle         48.85m (1190mm]       LiGHTING FIXTURE   ELECTRICAL DATA         Driver       Included: ERP-PSB series or similar         90wer values of the system       24,00 W         50/60 Hz       50/60 Hz         Dimming       DiM on Board         Child Carl Carl Carl Carl Carl Carl Carl Carl	TI I I		
Light beam angle       19°         23.62in 1600mm]       Light beam angle         48.85in 1190inmi]       LIGHTING FIXTURE   ELECTRICAL DATA         Driver       Included: ERP-PSB series or similar         24,00 W       24,00 W         50/60 Hz       50/60 Hz         Dimming       DIM on Board         Child Control       DAMP         Included. For octogonal Junction box       Textured white. Other finishing, please consult         Junction box cover color       Textured white. Other finishing, please consult         Gord Length       MAX. 3.05 m         Fast adjustment tensioner       Yes         Weight       7.18 Ib 13255 gr         Packaged weight       9.65 10 470 gr         Materials       Auminium - Acrylonitrile Butadiene Styrene - Polycarbonate			LIGHTING FIXTURE   PHOTOMETRIC DATA
Light beam angle       19°         23.62m 1600mml       Light beam angle         48.85in [1190mm]       LIGHTING FIXTURE   ELECTRICAL DATA         Driver       Included: ERP-PSB series or similar         90wer values of the system       24,00 W         50/60 Hz       50/60 Hz         Dimming       DIM on Board         CHER DATA       DAMP         Junction box cover       Included. For octogonal Junction box         Junction box cover color       Textured white. Other finishing, please consult         Junction box cover reasurements       05.51 in   0140 mm         Cord Length       IMAX. 305 m         Yes       Packaged weight         9.85 Ib   4470 gr       9.85 Ib   4470 gr         Materials       Aluminium - Acrylonitrile Butadlene Styrene - Polycarbonate	- 10tt [3	Lighting efficiency	90%
23.42in (600mm)         48.85in [1190mm]         48.85in [1190mm]         Included: ERP-P5B series or similar         24.00 W         Frequency         50/60 Hz         Dimming         DIM on Board         OTHER DATA         Junction box cover         Junction box cover reasurements         Ø5.51 in [0140 mm         Cord Length         Max.305 m         Fast adjustment tensioner         Yes         Packaging dimensions         Ø6.10x50.00 in [0155x1270 mm         Atuminum - Acrylonitrike Butadiene Styrene - Polycarbonate	MAX.	Delivered luminous flux	2250 Lm
48.85in [1190mm]       LIGHTING FIXTURE   ELECTRICAL DATA         Driver       Included: ERP-PSB series or similar         Power values of the system       24,00 W         Gmmin       50/60 Hz         Dimming       DiM on Board         CHER DATA       DAMP         Junction box cover       Included: Ero octogonal Junction box         Junction box cover measurements       05.51 in [ 0140 mm         Junction box cover measurements       05.51 in [ 0140 mm         Fast adjustment tensioner       Yes         Packaged weight       0.810 525 gr         OR180 10 2055 in [ 0155x1270 mm       06.10x50.00 in [ 0155x1270 mm         Autminum - Acrylonitrile Butadiene Styrene - Polycarbonate       06.10x50.00 in [ 0155x1270 mm		Light beam angle	19°
Image: Construct of the system       Included: ERP-PSB series or similar         Power values of the system       24,00 W         Prequery       50/60 Hz         Dimming       DiM on Board         Construct of the system       OTHER DATA         Dimoning       DIM on Board         Construct of the system       OTHER DATA         Durition box cover       Included: ERP-PSB series or similar         Dimoning       DIM on Board         Construct of the system       OTHER DATA         Junction box cover       Included. For octogonal Junction box         Junction box cover color       Textured white. Other finishing, please consult         Junction box cover measurements       05.51 in 1 0140 mm         Cord Length       IMAX. 3.05 m         Fast adjustment tensioner       Yes         Packaged weight       7.18 lb 13255 gr         Packaged weight       9.85 lb 1 4470 gr         Obi.10 x50.00 in 1 0155x1270 mm       06.10x50.00 in 1 0155x1270 mm			
Power values of the system24,00 WFrequency50/60 HzDimmingDIM on BoardOTHER DATADAMPCord LengthIncluded. For octogonal Junction boxJunction box cover colorTextured white. Other finishing, please consultJunction box cover measurements65.51 in   0140 mmCord LengthIMAX. 3.05 mFast adjustment tensionerYesPackaged weight9.85 ib   4470 grPackaging dimensions06.10x50.00 in   0155x1270 mmMaterialsAluminium - Acrylonitrile Butadiene Styrene - Polycarbonate	-		LIGHTING FIXTURE   ELECTRICAL DATA
Frequency50/60 HzDimmingDIM on BoardDIM on BoardOTHER DATAEnvironmental locationDAMPJunction box coverIncluded. For octogonal Junction boxJunction box cover colorTextured white. Other finishing, please consultJunction box cover measurementsØ5.51 in   Ø140 mmCord LengthIMAX. 3.05 mFast adjustment tensionerYesWeight7.18 lb   3255 grPackaged weight9.85 lb   4470 grPackaging dimensionsØ6.10x50.00 in   Ø155x1270 mmMaterialsAluminium - Acrylonitrile Butadiene Styrene - Polycarbonate	-	Driver	Included: ERP-PSB series or similar
DimmingDIM on BoardOTHER DATAEnvironmental locationJunction box coverJunction box cover colorJunction box cover measurementsJunction box cover measurementsCord LengthFast adjustment tensionerYesNeightPackaged weightPackaging dimensionsMaterialsAlumInlum - AcrylonItrile Butadiene Styrene - Polycarbonate	-	Power values of the system	24,00 W
Environmental locationOTHER DATAEnvironmental locationDAMPJunction box coverIncluded. For octogonal Junction boxJunction box cover colorTextured white. Other finishing, please consultJunction box cover measurementsØ5.51 in   Ø140 mmCord LengthIMAX. 3.05 mFast adjustment tensionerYesPackaged weight9.85 lb   4470 grPackaging dimensionsØ6.10x50.00 in   Ø155x1270 mmMaterialsAluminium - Acrylonitrile Butadiene Styrene - Polycarbonate	-	Frequency	50/60 Hz
Environmental locationDAMPJunction box coverIncluded. For octogonal Junction boxJunction box cover colorTextured white. Other finishing, please consultJunction box cover measurementsØ5.51 in   Ø140 mmCord LengthI MAX. 3.05 mFast adjustment tensionerYesWeight7.18 lb   3255 grPackaged weight9.85 lb   4470 grPackaging dimensionsØ6.10x50.00 in   Ø155x1270 mmMaterialsAluminium - Acrylonitrile Butadiene Styrene - Polycarbonate	-	Dimming	DIM on Board
Environmental locationDAMPJunction box coverIncluded. For octogonal Junction boxJunction box cover colorTextured white. Other finishing, please consultJunction box cover measurementsØ5.51 in   Ø140 mmCord LengthI MAX. 3.05 mFast adjustment tensionerYesWeight7.18 lb   3255 grPackaged weight9.85 lb   4470 grMaterialsØ6.10x50.00 in   Ø15x1270 mmMaterialsAluminium - Acrylonitrile Butadiene Styrene - Polycarbonate	-		
Junction box coverIncluded. For octogonal Junction boxJunction box cover colorTextured white. Other finishing, please consultJunction box cover measurementsØ5.51 in   Ø140 mmCord LengthI MAX. 3.05 mFast adjustment tensionerYesWeight7.18 tb   3255 grPackaged weight9.85 tb   4470 grPackaging dimensionsØ6.10x50.00 in   Ø155x1270 mmMaterialsAluminium - Acrytonitrile Butadiene Styrene - Polycarbonate			OTHER DATA
Junction box cover colorTextured white. Other finishing, please consultJunction box cover measurementsØ5.51 in   Ø140 mmCord Length  MAX. 3.05 mFast adjustment tensionerYesWeight7.18 lb   3255 grPackaged weight9.85 lb   4470 grPackaging dimensionsØ6.10x50.00 in   Ø155x1270 mmMaterialsAluminium - Acrylonitrile Butadlene Styrene - Polycarbonate	-	Environmental location	DAMP
Junction box cover measurements     Ø5.51 in   Ø140 mm       Cord Length     I MAX. 3.05 m       Fast adjustment tensioner     Yes       Weight     7.18 lb   3255 gr       Packaged weight     9.85 lb   4470 gr       Packaging dimensions     Ø6.10x50.00 in   Ø155x1270 mm       Materials     Aluminium - Acrytonitrile Butadiene Styrene - Polycarbonate	-	Junction box cover	Included. For octogonal Junction box
Cord LengthI MAX. 3.05 mFast adjustment tensionerYesWeight7.18 lb   3255 grPackaged weight9.85 lb   4470 grPackaging dimensionsØ6.10x50.00 in   Ø155x1270 mmMaterialsAluminium - Acrylonitrile Butadiene Styrene - Polycarbonate	-	Junction box cover color	Textured white. Other finishing, please consult
Fast adjustment tensioner     Yes       Weight     7.18 lb   3255 gr       Packaged weight     9.85 lb   4470 gr       Packaging dimensions     Ø6.10x50.00 ln   Ø155x1270 mm       Materials     Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate	-	Junction box cover measurements	Ø5.51 in   Ø140 mm
Weight7.18 lb   3255 grPackaged weight9.85 lb   4470 grPackaging dimensionsØ6.10x50.00 in   Ø155x1270 mmMaterialsAluminium - Acrylonitrile Butadiene Styrene - Polycarbonate	-	Cord Length	MAX. 3.05 m
Packaged weight9.85 lb   4470 grPackaging dimensionsØ6.10x50.00 in   Ø155x1270 mmMaterialsAluminium - Acrylonitrile Butadiene Styrene - Polycarbonate	-	Fast adjustment tensioner	Yes
Packaging dimensions       Ø6.10x50.00 In   Ø155x1270 mm         Materials       Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate	-	Weight	7.18 lb   3255 gr
Materials Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate	-	Packaged weight	9.85 lb   4470 gr
	-	Packaging dimensions	Ø6.10x50.00 in   Ø155x1270 mm
AWARDS		Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate
(f1)	AWARDS		

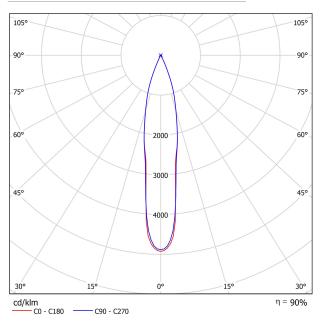
Black Foster Suspension is the product that transfers the claimed effect "The Invisible Black" to a linear suspended system. It is composed by a series of modules which combine light emisions with dark segments. Nevertheless, wether if it is On or Off, Black Foster always preserves the aesthetic of a perfect dark line.

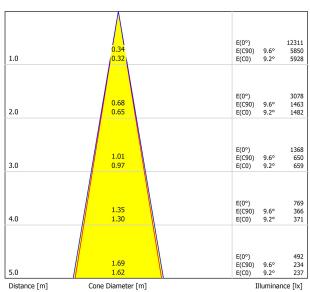
INTERIOR DESIGN





## POLAR DIAGRAM





C0 - C180 (Half-value Angle: 18.4°) C90 - C270 (Half-value Angle: 19.2°)

CONICAL DIAGRAM

UGR

Ceiling		70	70	50	50	30	70	70	50	50	30	
Walls		50	30	50	30	30	50	30	50	30	30	
Floor		20	20	20	20	20	20	20	20	20	20	
Room S X	Size Y	Vi		ection at b lamp ax		les	Viewing direction parallel to lamp axis					
2H	2H 3H 4H 6H 8H 12H	-0.5 3.0 5.0 7.2 8.4 9.8	0.2 3.6 5.6 7.8 8.9 10.3	-0.2 3.3 5.3 7.6 8.7 10.1	0.4 3.9 5.8 8.0 9.2 10.6	0.6 4.1 6.1 8.3 9.5 10.9	0.4 4.3 6.1 8.4 9.6 11.1	1.0 4.9 6.7 8.9 10.2 11.5	0.6 4.6 6.4 8.7 10.0 11.4	1.2 5.1 7.0 9.2 10.4 11.8	1.4 5.4 7.2 9.5 10. 12.	
4H	2H 3H 4H 6H 8H 12H	9.0 4.6 6.7 9.0 10.2 11.7	1.5 5.1 7.1 9.4 10.5 12.0	1.2 5.0 7.1 9.4 10.6 12.1	1.7 5.4 7.5 9.7 10.9 12.4	2.0 5.7 7.8 10.1 11.3 12.8	11.1 1.5 5.5 7.5 9.9 11.3 12.8	2.0 6.0 7.9 10.3 11.6 13.1	1.8 5.8 7.9 10.3 11.7 13.3	2.3 6.3 8.3 10.7 12.0 13.5	2.5 6.6 8.6 11. 12. 13.	
8H	4H 6H 8H 12H	7.7 10.1 11.6 13.2	8.0 10.4 11.8 13.4	8.1 10.6 12.0 13.7	8.4 10.8 12.2 13.8	8.8 11.2 12.7 14.3	8.3 10.9 12.4 14.2	8.6 11.1 12.6 14.4	8.7 11.4 12.9 14.7	9.0 11.6 13.1 14.8	9.4 12. 13. 15.	
12H	4H 6H 8H	8.0 10.5 12.0	8.2 10.7 12.2	8.4 11.0 12.5	8.6 11.1 12.7	9.0 11.6 13.2	8.5 11.2 12.8	8.8 11.4 13.0	8.9 11.7 13.3	9.2 11.8 13.5	9.6 12. 14.	
ariation of t	he observe	r position	for the lun	ninaire dist	ances S							
S = 1.							+(	0.3 / -0	).1 ).3 ).5			
Standard Correct Summa	tion											

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