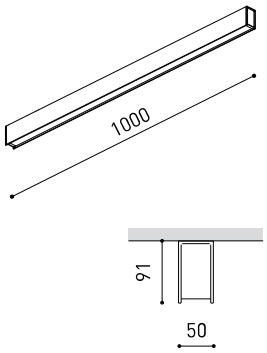
Fifty+ Custom

ARKOSLIGHT

DIMENSIONS



ACCESSORIES

CUSTOM ACCESSORIES
(MANDATORY)

PRODUCT

Name	FIFTY+ HO SURFACE CUSTOM 100 DIM DALI 3000K NT
Reference	A4431121NT
Color	Textured black
RAL	9005
Category	CUSTOM SYSTEMS

LIGHT SOURCE

Type	LED
Gross luminous flux	3260 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	23,6 W
Current	1050 mA
Efficacy	135 lm/W
LED lifespan	L80B10 >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	70% / UGR 47%
Light beam angle	104° / UGR 62°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included - Fast Connect
Power values of the system	25,93 W
Voltage	220V/240V
Frecuency	50/60 Hz
Dimming	DALI
Electrical insulation class	⏚

OTHER DATA

Sealing	IP20
Wireless control	Please Consult
Diffuser included	No
Weight	2920 g
Packaged weight	4480 g
Packaging dimensions	Ø157,5 x 1640 mm
Units per package	1
Materials	Aluminium / Polycarbonate

CE

Fifty+ is the longitudinal lighting profile for Custom application. Fifty + adds functional light and visual support to highlight the lines, volumes and transitions defined in the architecture. Having an Opal diffuser which disperses the light and a UGR diffuser that reduces the glare angle. Both are installed as a single part along its entire length so as not to interrupt the light beam.

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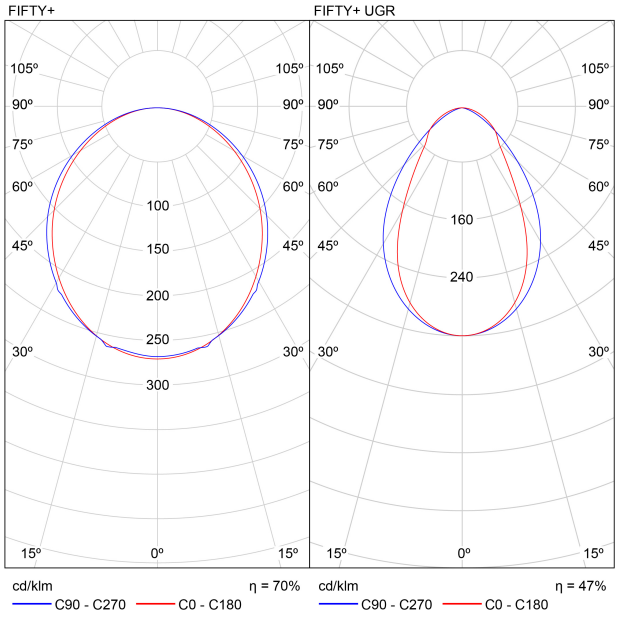
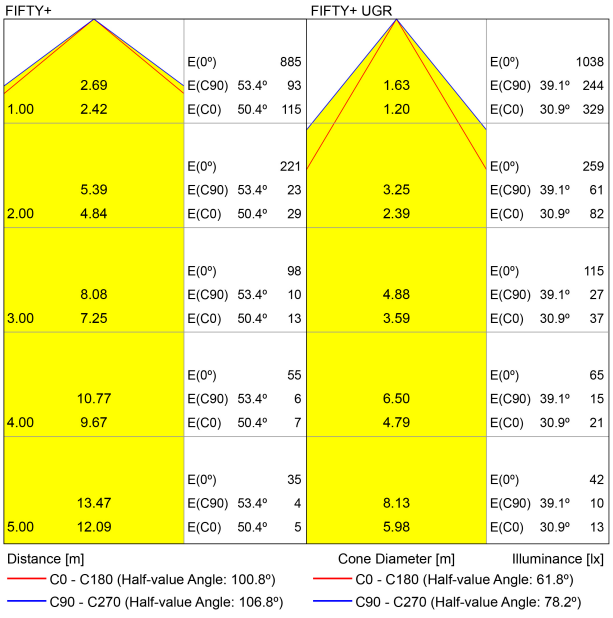
POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR

ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	21.2	22.5	21.5	22.7	22.9	21.5	22.8	21.8	23.0	23.3
	3H	22.8	24.0	23.1	24.3	24.5	23.3	24.4	23.6	24.7	25.0
	4H	23.4	24.5	23.8	24.8	25.1	23.9	25.0	24.2	25.3	25.6
	6H	23.9	24.9	24.2	25.2	25.5	24.4	25.4	24.7	25.7	26.0
	8H	24.0	25.0	24.3	25.3	25.6	24.5	25.5	24.9	25.8	26.2
	12H	24.0	25.0	24.4	25.3	25.7	24.6	25.6	25.0	25.9	26.2
4H	2H	21.7	22.8	22.1	23.1	23.4	22.0	23.1	22.4	23.4	23.7
	3H	23.6	24.6	24.0	24.9	25.2	24.0	24.9	24.3	25.2	25.6
	4H	24.4	25.2	24.8	25.5	25.9	24.8	25.6	25.2	26.0	26.3
	6H	24.9	25.6	25.3	26.0	26.4	25.4	26.1	25.8	26.5	26.9
	8H	25.1	25.8	25.5	26.2	26.6	25.6	26.3	26.0	26.7	27.1
	12H	25.2	25.8	25.7	26.2	26.7	25.7	26.3	26.2	26.8	27.2
8H	4H	24.7	25.3	25.1	25.7	26.1	25.0	25.7	25.5	26.1	26.5
	6H	25.3	25.9	25.8	26.3	26.8	25.8	26.3	26.2	26.7	27.2
	8H	25.6	26.1	26.1	26.5	27.0	26.1	26.5	26.5	27.0	27.5
	12H	25.8	26.2	26.3	26.7	27.2	26.3	26.7	26.8	27.2	27.7
12H	4H	24.7	25.3	25.1	25.7	26.1	25.0	25.6	25.5	26.1	26.5
	6H	25.4	25.9	25.9	26.3	26.8	25.8	26.3	26.3	26.7	27.2
	8H	25.7	26.1	26.2	26.6	27.1	26.1	26.5	26.6	27.0	27.5

Variation of the observer position for the luminaire distances S

S = 1.0H S = 1.5H S = 2.0H	+0.1 / -0.1 +0.2 / -0.4 +0.4 / -0.8	+0.1 / -0.1 +0.2 / -0.4 +0.4 / -0.7
Standard table	BK05	BK06
Correction Summand	2.8	3.7

Corrected Glare Indices referring to 3260lm Total Luminous Flux

UGR

Glare Evaluation According to UGR

ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	16.6	17.7	16.9	17.9	18.1	16.1	17.1	16.4	17.3	17.5
	3H	18.3	19.3	18.6	19.5	19.8	17.2	18.1	17.5	18.3	18.6
	4H	18.9	19.8	19.2	20.0	20.3	17.5	18.4	17.9	18.7	19.0
	6H	19.3	20.1	19.6	20.4	20.7	17.8	18.6	18.1	18.9	19.2
	8H	19.4	20.2	19.8	20.5	20.8	17.9	18.7	18.2	19.0	19.3
	12H	19.5	20.2	19.8	20.5	20.8	17.9	18.7	18.3	19.0	19.3
4H	2H	16.9	17.8	17.3	18.1	18.4	16.5	17.3	16.8	17.6	17.9
	3H	18.8	19.5	19.2	19.9	20.2	17.8	18.5	18.1	18.8	19.1
	4H	19.5	20.2	19.9	20.5	20.9	18.3	18.9	18.7	19.3	19.6
	6H	20.0	20.6	20.4	21.0	21.4	18.7	19.2	19.1	19.6	20.0
	8H	20.2	20.7	20.6	21.1	21.5	18.8	19.3	19.2	19.7	20.1
	12H	20.3	20.8	20.7	21.2	21.6	18.9	19.3	19.3	19.7	20.2
8H	4H	19.7	20.2	20.1	20.6	21.0	18.5	19.0	18.9	19.4	19.8
	6H	20.3	20.7	20.7	21.1	21.6	19.0	19.4	19.5	19.8	20.3
	8H	20.5	20.9	21.0	21.3	21.8	19.2	19.6	19.7	20.0	20.5
	12H	20.6	20.9	21.1	21.4	21.9	19.3	19.6	19.8	20.1	20.6
12H	4H	19.6	20.1	20.1	20.5	20.9	18.5	19.0	19.0	19.4	19.8
	6H	20.3	20.6	20.8	21.1	21.6	19.1	19.4	19.5	19.9	20.3
	8H	20.5	20.8	21.0	21.3	21.8	19.3	19.6	19.8	20.0	20.5

Variation of the observer position for the luminaire distances S

S = 1.0H S = 1.5H S = 2.0H	+0.3 / -0.3 +0.5 / -0.4 +0.9 / -0.9	+0.3 / -0.5 +1.2 / -1.2 +2.3 / -1.8
Standard table	BK05	BK03
Correction Summand	-3.2	-4.7

Corrected Glare Indices referring to 3260lm Total Luminous Flux

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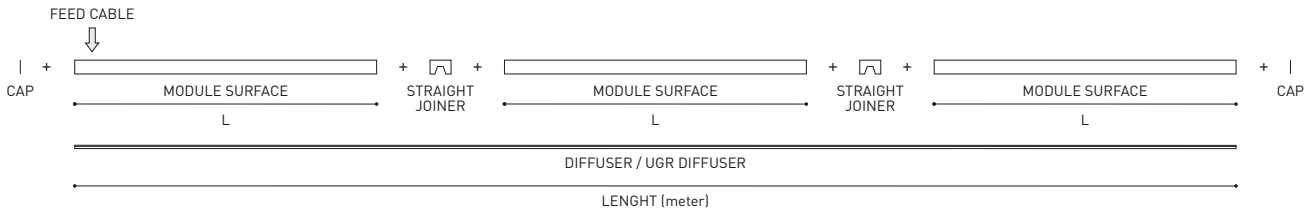
FIFTY+ **Diffuser (x meter)**	**A447-00-00**	
FIFTY+ **UGR Diffuser (x meter)**	**A447-00-10**	
FIFTY+ **2 End Cap Kit**	**A447-00-20- | WT | NT |**	
FIFTY+ **Straight Joiner**	**A447-00-30**	
FIFTY+ **Power Line**	**A443-00-00**	



COLOUR | **WT** ☐ RAL 9016 | **NT** ■ RAL 9005 | MATERIAL | **AL** | **PC** |

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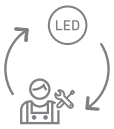
ECODESIGN AND ENERGY LABELLING

ARKOSLIGHT®



Fuente de luz (LED) reemplazable por un profesional autorizado

Replaceable (LED only) light source by an authorized professional.

Source lumineuse (LED) remplaçable par un professionnel agréé

Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato

Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann

Equipo de control reemplazable por un profesional autorizado

Replaceable control gear by an authorized professional

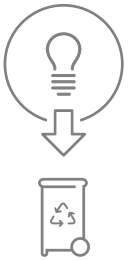
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

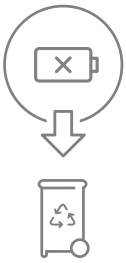
Auswechselbares Betriebsgerät durch autorisierten Fachmann

INSTRUCCIONES PARA EL FINAL DE VIDA Y LA ELIMINACIÓN LOS COMPONENTES
INSTRUCTIONS ON END-OF-LIFE AND COMPONENT DISPOSAL
INSTRUCTIONS POUR LA GESTION DES COMPOSANTS EN FIN DE VIE ET LEUR MISE AU REBUT
ISTRUZIONI PER IL FINE VITA E LO SMALTIMENTO DEI COMPONENTI
ANWEISUNGEN ZUR ENTSORGUNG DER LEUCHTENKOMPONENTEN

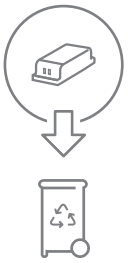
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho
Remove light source(s) for disposal
Retirer la (les) source(s) lumineuse(s) pour l'élimination
Rimuovere la/le sorgente/e di luce per lo smaltimento
Lichtquelle(n) zur Entsorgung entfernen

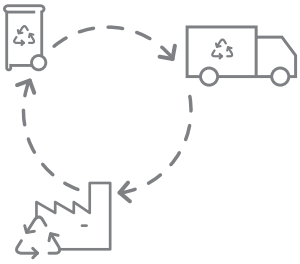


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho
Remove control gear for disposal
Retirer le dispositif de commande pour l'élimination
Rimuovere l'alimentatore per lo smaltimento
Betriebsgerät zur Entsorgung ausbauen

Enviar los materiales a un centro de recogida RAEE
Send the materials to a WEEE collection centre
Envoyer les matériaux dans une déchetterie DEEE
Inviare i materiali ad un centro di raccolta RAEE
Die Materialien in einem WEEE-Zentrum entsorgen



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