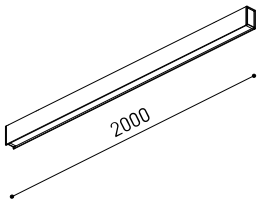
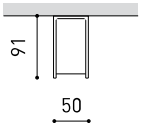
Fifty+ Custom

ARKOSLIGHT

DIMENSIONS





ACCESSORIES

CUSTOM ACCESSORIES
(MANDATORY)

PRODUCT	
Name	FIFTY+ HO SURFACE CUSTOM 200 DIM DALI 4000K NT
Reference	A4431322NT
Color	Textured black
RAL	9005
Category	CUSTOM SYSTEMS

LIGHT SOURCE	
Type	LED
Gross luminous flux	6880 lm
Colour temperature	4000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	47,2 W
Current	1050 mA
Efficacy	143 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	51,87 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	5620 g
Packaged weight	8470 g
Packaging dimensions	Ø157,5 x 3140 mm
Units per package	1
Materials	Aluminium / Polycarbonate

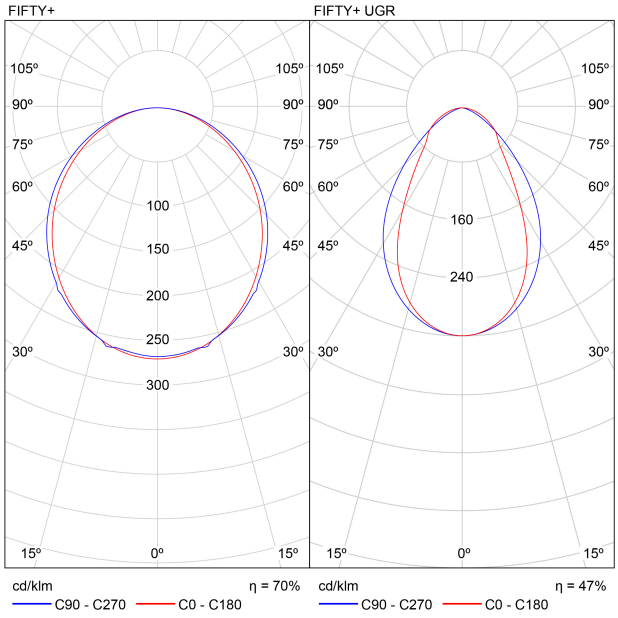
CE

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.

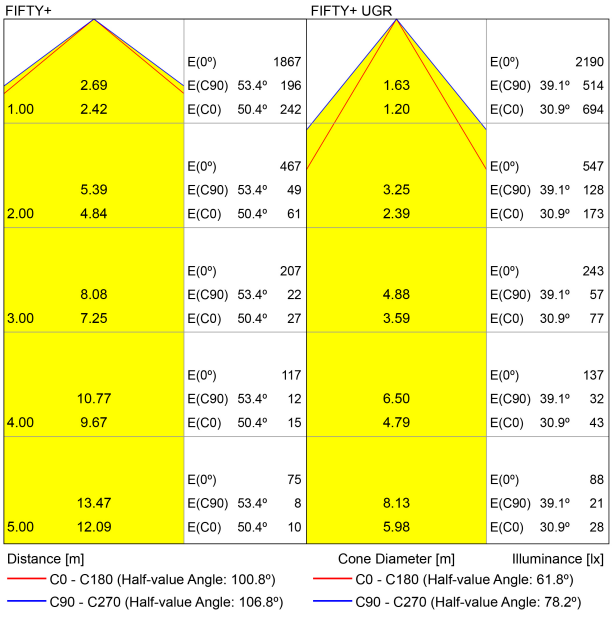
Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5 Year GUARANTEE*

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	21.3	22.6	21.6	22.9	23.1	21.7	23.0	22.0	23.2	23.5
	3H	23.0	24.2	23.3	24.4	24.7	23.4	24.6	23.8	24.9	25.1
	4H	23.6	24.7	23.9	25.0	25.3	24.1	25.2	24.4	25.5	25.8
	6H	24.0	25.1	24.4	25.4	25.7	24.6	25.6	24.9	25.9	26.2
	8H	24.2	25.2	24.5	25.5	25.8	24.7	25.7	25.1	26.0	26.3
	12H	24.2	25.2	24.6	25.5	25.8	24.8	25.8	25.2	26.1	26.4
4H	2H	21.9	23.0	22.3	23.3	23.6	22.2	23.3	22.5	23.6	23.9
	3H	23.8	24.7	24.2	25.1	25.4	24.2	25.1	24.5	25.4	25.8
	4H	24.5	25.4	24.9	25.7	26.1	25.0	25.8	25.3	26.1	26.5
	6H	25.1	25.8	25.5	26.2	26.6	25.6	26.3	26.0	26.7	27.1
	8H	25.3	25.9	25.7	26.3	26.8	25.8	26.4	26.2	26.8	27.3
	12H	25.4	26.0	25.8	26.4	26.8	25.9	26.5	26.4	26.9	27.4
8H	4H	24.8	25.5	25.3	25.9	26.3	25.2	25.9	25.6	26.3	26.7
	6H	25.5	26.1	26.0	26.5	27.0	25.9	26.5	26.4	26.9	27.4
	8H	25.8	26.3	26.3	26.7	27.2	26.2	26.7	26.7	27.2	27.6
	12H	26.0	26.4	26.4	26.8	27.3	26.5	26.9	26.9	27.3	27.8
12H	4H	24.9	25.5	25.3	25.9	26.3	25.2	25.8	25.7	26.2	26.7
	6H	25.6	26.1	26.1	26.5	27.0	26.0	26.5	26.5	26.9	27.4
	8H	25.9	26.3	26.4	26.8	27.3	26.3	26.7	26.8	27.2	27.7

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.1 / -0.1	+0.1 / -0.1
S = 1.5H	+0.2 / -0.4	+0.2 / -0.4
S = 2.0H	+0.4 / -0.8	+0.4 / -0.7
Standard table	BK05	BK06
Correction Summand	0.4	1.3

Corrected Glare Indices referring to 6880lm 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	16.8	17.9	17.1	18.1	18.3	16.3	17.3	16.6	17.5	17.8
	3H	18.5	19.5	18.8	19.7	20.0	17.4	18.3	17.7	18.6	18.8
	4H	19.1	20.0	19.4	20.2	20.5	17.7	18.6	18.1	18.9	19.2
	6H	19.5	20.3	19.8	20.6	20.9	18.0	18.8	18.3	19.1	19.4
	8H	19.6	20.4	20.0	20.7	21.0	18.1	18.9	18.4	19.2	19.5
	12H	19.7	20.4	20.0	20.7	21.0	18.1	18.9	18.5	19.2	19.5
4H	2H	17.1	18.0	17.5	18.3	18.6	16.7	17.5	17.0	17.8	18.1
	3H	19.0	19.7	19.4	20.1	20.4	18.0	18.7	18.3	19.0	19.3
	4H	19.7	20.4	20.1	20.7	21.1	18.5	19.1	18.9	19.5	19.8
	6H	20.2	20.8	20.6	21.2	21.6	18.9	19.4	19.3	19.8	20.2
	8H	20.4	20.9	20.8	21.3	21.7	19.0	19.5	19.4	19.9	20.3
	12H	20.5	21.0	20.9	21.4	21.8	19.1	19.5	19.5	19.9	20.4
8H	4H	19.9	20.4	20.3	20.8	21.2	18.7	19.2	19.1	19.6	20.0
	6H	20.5	20.9	20.9	21.3	21.8	19.2	19.6	19.7	20.1	20.5
	8H	20.7	21.1	21.2	21.5	22.0	19.4	19.8	19.9	20.2	20.7
	12H	20.8	21.1	21.3	21.6	22.1	19.5	19.8	20.0	20.3	20.8
12H	4H	19.8	20.3	20.3	20.7	21.1	18.7	19.2	19.2	19.6	20.0
	6H	20.5	20.8	21.0	21.3	21.8	19.3	19.6	19.7	20.1	20.5
	8H	20.7	21.0	21.2	21.5	22.0	19.5	19.8	20.0	20.2	20.7

Variation of the observer position for the luminaire distances S

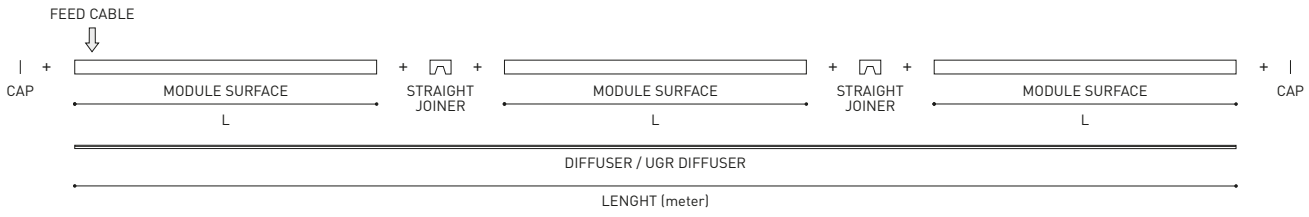
S = 1.0H	+0.3 / -0.3	+0.3 / -0.5
S = 1.5H	+0.5 / -0.4	+1.2 / -1.2
S = 2.0H	+0.9 / -0.9	+2.3 / -1.8
Standard table	BK05	BK03
Correction Summand	-5.6	-7.1

Corrected Glare Indices referring to 6880lm Total Luminous Flux

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5 Year GUARANTEE*

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**	



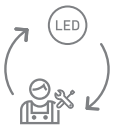
COLOUR | **WT** ☐ RAL 9016 | **NT** ■ RAL 9005 | MATERIAL | **AL** | **PC** |

Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5Year GUARANTEE*

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

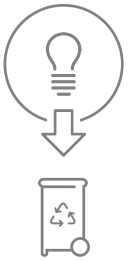
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

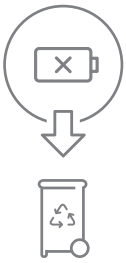
Auswechselbares Betriebsgerät durch autorisierten Fachmann

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

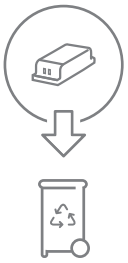
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

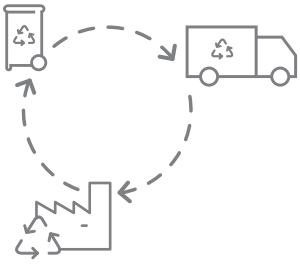


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5Year GUARANTEE