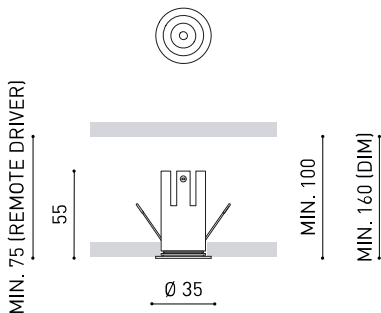




Dimensions



	Name	NANO RECESSED SPOT DALI 2700K W
	Reference	A5390200W
	Color	White
	RAL	Colour in the mass looks alike RAL 9016
	Category	CEILING RECESSED

PRODUCT

	Type	LED
	Gross luminous flux	570 lm
	Colour temperature	2700 K
	Chromatic stability	MacAdam Step 2
	Colour Rendering Index	CRI>90
	Power	5,5 W
	Current	250 mA
	Efficacy	104 lm/W
	LED lifespan	L80B10 >55.000h

LIGHT SOURCE

	Lighting efficiency	76%
	Light beam angle	18°

LIGHTING FIXTURE | PHOTOMETRIC DATA

	Driver	Included - Connected
	Power values of the system	7,42 W
	Frequency	50/60 Hz
	Dimming	DALI - Other DIM, please consult
	Electrical insulation class	□

LIGHTING FIXTURE | ELECTRICAL DATA

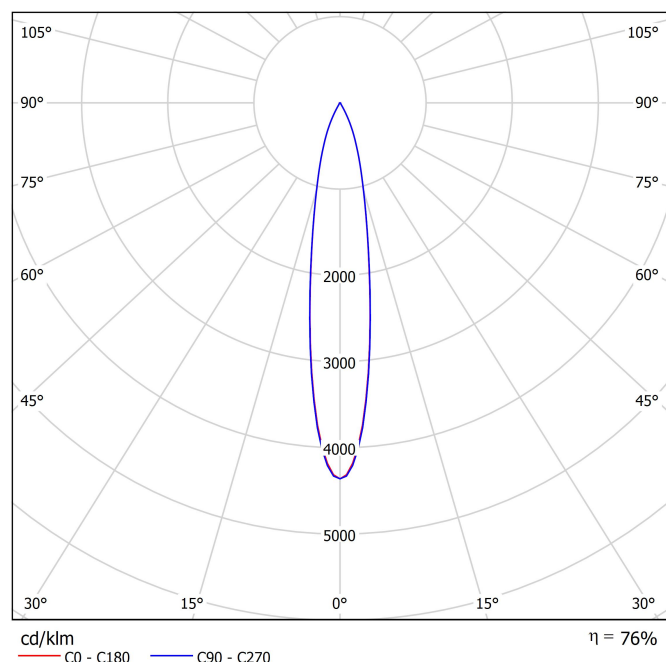
	Sealing	IP20
	Energy efficiency class	F
	Emergency power supply	Please Consult
	Recess measurements	Ø30 mm
	Weight	130 g
	Packaged weight	160 g
	Packaging dimensions	155 x 60 x 45 mm
	Units per package	1
	Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

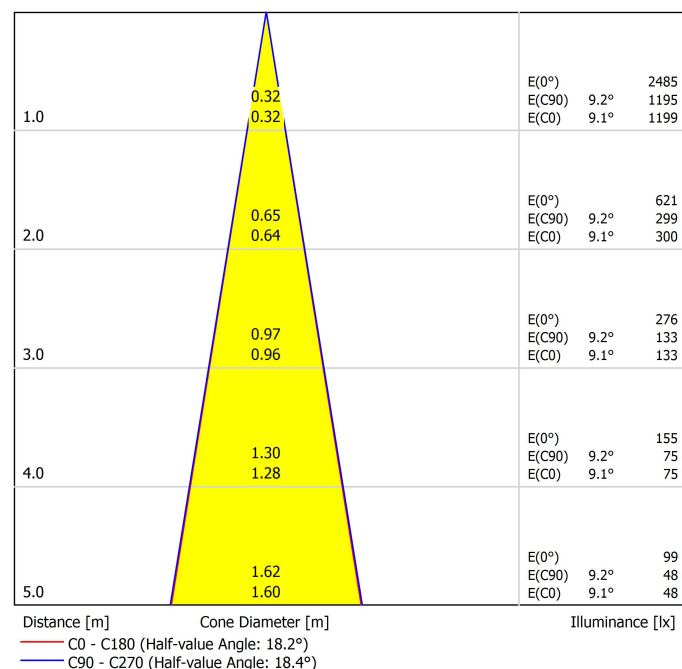


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Polar diagram



Conical diagram

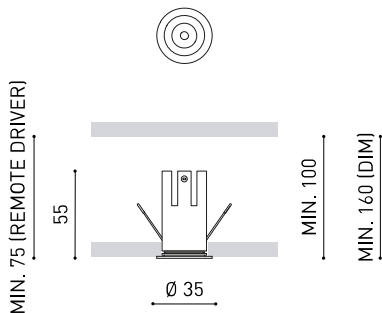


UGR

Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	
p Walls		50	30	50	30	30	50	30	50	30	30	
p 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	10.9	11.5	11.1	11.7	11.9	11.2	11.9	11.5	12.1	12.3	
	3H	11.4	12.0	11.6	12.2	12.4	11.7	12.3	12.0	12.5	12.8	
	4H	11.6	12.1	11.9	12.4	12.6	11.9	12.5	12.2	12.7	13.0	
	6H	11.8	12.3	12.1	12.6	12.9	12.1	12.7	12.5	12.9	13.2	
	8H	11.9	12.4	12.3	12.7	13.0	12.3	12.8	12.6	13.1	13.3	
4H	12H	12.2	12.6	12.5	12.9	13.2	12.4	12.9	12.8	13.2	13.5	
	2H	11.0	11.6	11.3	11.8	12.1	11.3	11.9	11.6	12.1	12.4	
	3H	11.7	12.1	12.0	12.4	12.8	12.0	12.5	12.3	12.8	13.1	
	4H	12.0	12.4	12.4	12.8	13.1	12.3	12.7	12.7	13.0	13.4	
	6H	12.4	12.7	12.8	13.1	13.5	12.7	13.0	13.1	13.4	13.8	
8H	8H	12.6	12.9	13.0	13.3	13.7	12.9	13.2	13.3	13.6	14.0	
	12H	13.0	13.2	13.4	13.6	14.0	13.1	13.4	13.6	13.8	14.2	
	4H	12.2	12.5	12.6	12.8	13.2	12.4	12.7	12.8	13.1	13.5	
	6H	12.7	12.9	13.1	13.3	13.8	12.9	13.2	13.4	13.6	14.0	
	8H	13.0	13.2	13.5	13.6	14.1	13.3	13.4	13.7	13.9	14.4	
12H	12H	13.5	13.7	14.0	14.1	14.6	13.7	13.8	14.2	14.3	14.8	
	4H	12.2	12.4	12.6	12.8	13.3	12.4	12.7	12.9	13.1	13.5	
	6H	12.8	12.9	13.2	13.4	13.8	13.0	13.2	13.5	13.6	14.1	
	8H	13.2	13.3	13.6	13.8	14.3	13.4	13.5	13.9	14.0	14.5	
	Variation of the observer position for the luminaire distances S											
S = 1.0H S = 1.5H S = 2.0H		+1.4 / -0.6 +2.8 / -1.5 +4.3 / -2.2					+1.2 / -0.5 +2.3 / -1.2 +3.7 / -2.1					
Standard table Correction Summand		BK03 -3.2					BK03 -3.1					
Corrected Glare Indices referring to 570lm Total Luminous Flux												



Dimensions



Name	NANO RECESSED FLOOD DALI 3000K N
Reference	A5390211N
Color	Black
RAL	Colour in the mass looks alike RAL 9005
Category	CEILING RECESSED

PRODUCT

Type	LED
Gross luminous flux	600 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	5,5 W
Current	250 mA
Efficacy	109 lm/W
LED lifespan	L80B10 >55.000h

LIGHT SOURCE

Lighting efficiency	84%
Light beam angle	34°

LIGHTING FIXTURE | PHOTOMETRIC DATA

Driver	Included - Connected
Power values of the system	7,42 W
Frequency	50/60 Hz
Dimming	DALI - Other DIM, please consult
Electrical insulation class	□

LIGHTING FIXTURE | ELECTRICAL DATA

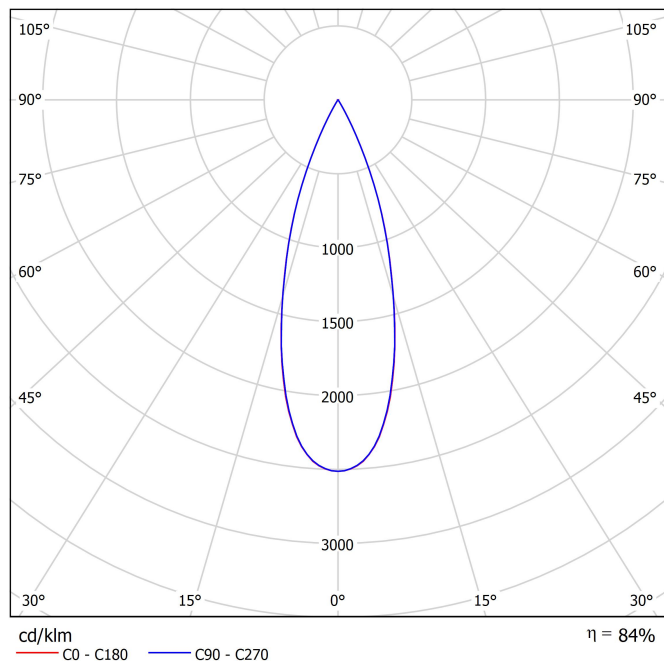
Sealing	IP20
Energy efficiency class	E
Emergency power supply	Please Consult
Recess measurements	Ø30 mm
Weight	130 g
Packaged weight	160 g
Packaging dimensions	155 x 60 x 45 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

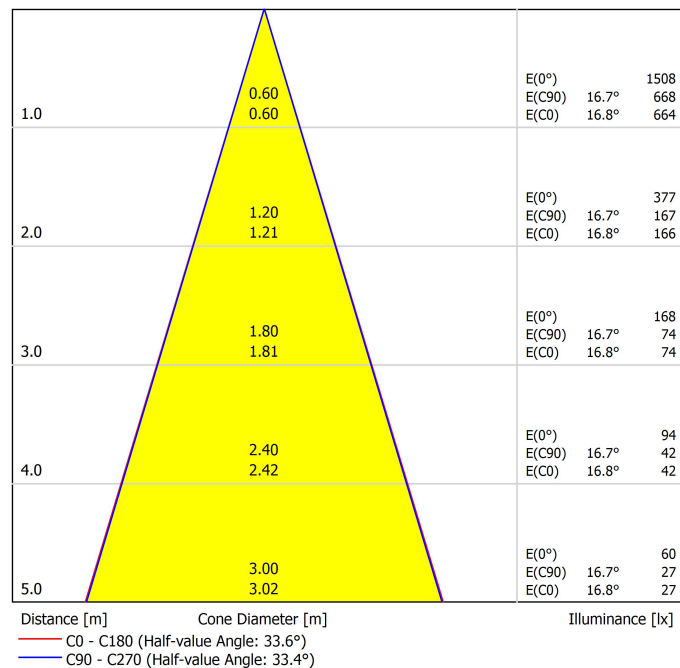


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Polar diagram



Conical diagram

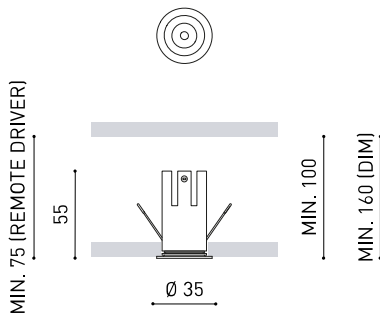


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	70
ρ Walls		50	30	50	30	30	50	30	50	30	30	50
ρ Floor		20	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	0.8	1.5	1.1	1.6	1.8	0.8	1.4	1.0	1.6	1.8	
	3H	3.0	3.5	3.2	3.8	4.0	3.0	3.6	3.3	3.9	4.1	
	4H	4.2	4.7	4.5	5.0	5.2	4.2	4.8	4.5	5.0	5.3	
	6H	5.4	5.9	5.7	6.2	6.5	5.4	6.0	5.8	6.2	6.5	
	8H	5.9	6.4	6.3	6.7	7.0	6.0	6.5	6.4	6.8	7.1	
4H	12H	6.7	7.1	7.0	7.4	7.7	6.7	7.2	7.1	7.5	7.8	
	2H	1.5	2.0	1.8	2.3	2.5	1.5	2.0	1.8	2.3	2.5	
	3H	3.9	4.3	4.2	4.6	5.0	4.0	4.4	4.3	4.7	5.0	
	4H	5.4	5.8	5.7	6.1	6.4	5.4	5.7	5.7	6.1	6.4	
	6H	6.8	7.1	7.2	7.5	7.9	6.8	7.1	7.2	7.5	7.9	
8H	8H	7.4	7.7	7.8	8.1	8.5	7.5	7.8	7.9	8.1	8.5	
	12H	8.3	8.5	8.7	8.9	9.3	8.3	8.6	8.8	9.0	9.4	
	4H	5.9	6.2	6.3	6.6	7.0	5.9	6.2	6.3	6.5	6.9	
	6H	7.6	7.8	8.0	8.2	8.6	7.5	7.7	8.0	8.2	8.6	
	8H	8.3	8.5	8.8	9.0	9.4	8.4	8.6	8.9	9.0	9.5	
12H	12H	9.4	9.5	9.9	10.0	10.5	9.4	9.6	9.9	10.0	10.5	
	4H	6.0	6.2	6.4	6.6	7.1	6.0	6.2	6.4	6.6	7.1	
	6H	7.7	7.9	8.2	8.4	8.8	7.7	7.9	8.2	8.3	8.8	
	8H	8.6	8.8	9.1	9.2	9.7	8.7	8.8	9.2	9.3	9.8	
	Variation of the observer position for the luminaire distances S											
S = 1.0H S = 1.5H S = 2.0H		+2.7 / -0.9 +4.8 / -1.2 +6.6 / -1.6					+2.4 / -0.7 +4.4 / -1.0 +6.1 / -1.3					
Standard table Correction Summand		BK05 -7.1					--- ---					
Corrected Glare Indices referring to 600lm Total Luminous Flux												



Dimensions



Name	NANO RECESSED SPOT DALI 3500K W
Reference	A5390203W
Color	White
RAL	Colour in the mass looks alike RAL 9016
Category	CEILING RECESSED

PRODUCT

Type	LED
Gross luminous flux	625 lm
Colour temperature	3500 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	5,5 W
Current	250 mA
Efficacy	114 lm/W
LED lifespan	L80B10 >55.000h

LIGHT SOURCE

Lighting efficiency	76%
Light beam angle	18°

LIGHTING FIXTURE | PHOTOMETRIC DATA

Driver	Included - Connected
Power values of the system	7,42 W
Frequency	50/60 Hz
Dimming	DALI - Other DIM, please consult
Electrical insulation class	□

LIGHTING FIXTURE | ELECTRICAL DATA

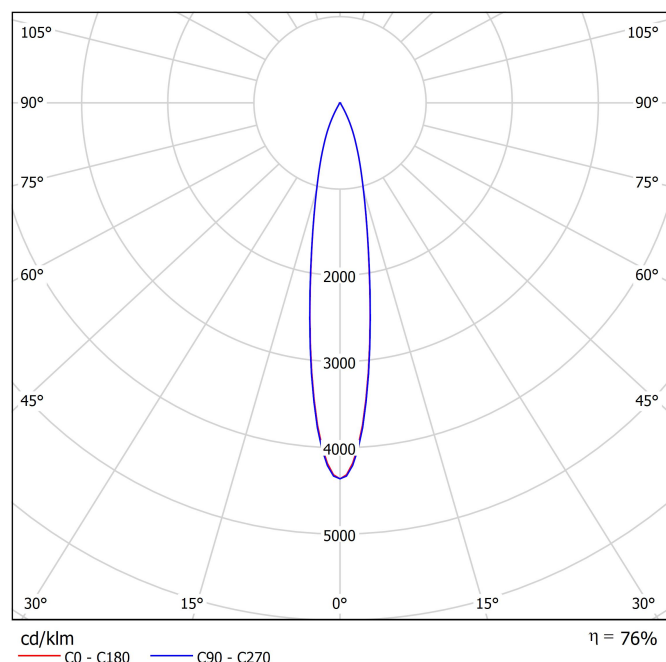
Sealing	IP20
Energy efficiency class	E
Emergency power supply	Please Consult
Recess measurements	Ø30 mm
Weight	130 g
Packaged weight	160 g
Packaging dimensions	155 x 60 x 45 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

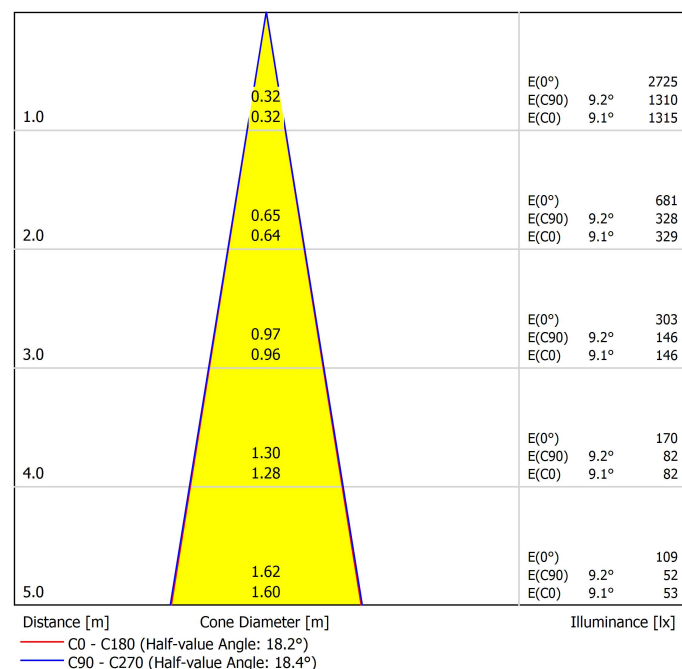


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Polar diagram



Conical diagram

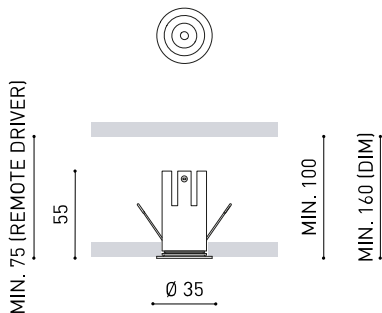


UGR

Glare Evaluation According to UGR												
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	70	70
ρ Walls	50	30	50	30	30	50	30	50	30	30	50	30
ρ Floor	20	20	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	11.2	11.9	11.4	12.1	12.2	11.5	12.2	11.8	12.4	12.6	12.6
	3H	11.7	12.3	12.0	12.5	12.7	12.0	12.6	12.3	12.9	13.1	13.1
	4H	11.9	12.5	12.2	12.7	13.0	12.2	12.8	12.5	13.0	13.3	13.3
	6H	12.1	12.6	12.4	12.9	13.2	12.5	13.0	12.8	13.3	13.5	13.5
	8H	12.3	12.8	12.6	13.0	13.3	12.6	13.1	12.9	13.4	13.7	13.7
4H	12H	12.5	12.9	12.8	13.2	13.6	12.7	13.2	13.1	13.5	13.8	13.8
	2H	11.3	11.9	11.6	12.2	12.4	11.6	12.2	11.9	12.5	12.7	12.7
	3H	12.0	12.5	12.3	12.8	13.1	12.3	12.8	12.7	13.1	13.4	13.4
	4H	12.3	12.8	12.7	13.1	13.4	12.6	13.0	13.0	13.4	13.7	13.7
	6H	12.7	13.0	13.1	13.4	13.8	13.0	13.3	13.4	13.7	14.1	14.1
8H	8H	12.9	13.2	13.3	13.6	14.0	13.2	13.5	13.6	13.9	14.3	14.3
	12H	13.3	13.5	13.7	13.9	14.3	13.5	13.7	13.9	14.1	14.5	14.5
	4H	12.5	12.8	12.9	13.2	13.6	12.7	13.0	13.2	13.4	13.8	13.8
	6H	13.0	13.2	13.5	13.6	14.1	13.3	13.5	13.7	13.9	14.4	14.4
	8H	13.3	13.5	13.8	14.0	14.4	13.6	13.8	14.0	14.2	14.7	14.7
12H	12H	13.9	14.0	14.3	14.5	15.0	14.0	14.1	14.5	14.6	15.1	15.1
	4H	12.5	12.8	12.9	13.2	13.6	12.8	13.0	13.2	13.4	13.8	13.8
	6H	13.1	13.3	13.5	13.7	14.2	13.3	13.5	13.8	14.0	14.4	14.4
	8H	13.5	13.6	14.0	14.1	14.6	13.7	13.8	14.2	14.3	14.8	14.8
	Variation of the observer position for the luminaire distances S											
S = 1.0H S = 1.5H S = 2.0H	+1.4 / -0.6 +2.8 / -1.5 +4.3 / -2.2					+1.2 / -0.5 +2.3 / -1.2 +3.7 / -2.1						
Standard table	BK03					BK03						
Correction Summand	-3.2					-3.1						
Corrected Glare Indices referring to 625lm Total Luminous Flux												



Dimensions



Name	NANO RECESSED FLOOD DALI 4000K N
Reference	A5390212N
Color	Black
RAL	Colour in the mass looks alike RAL 9005
Category	CEILING RECESSED

PRODUCT

Type	LED
Gross luminous flux	640 lm
Colour temperature	4000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	5,5 W
Current	250 mA
Efficacy	116 lm/W
LED lifespan	L80B10 >55.000h

LIGHT SOURCE

Lighting efficiency	84%
Light beam angle	34°

LIGHTING FIXTURE | PHOTOMETRIC DATA

Driver	Included - Connected
Power values of the system	7,42 W
Frequency	50/60 Hz
Dimming	DALI - Other DIM, please consult
Electrical insulation class	□

LIGHTING FIXTURE | ELECTRICAL DATA

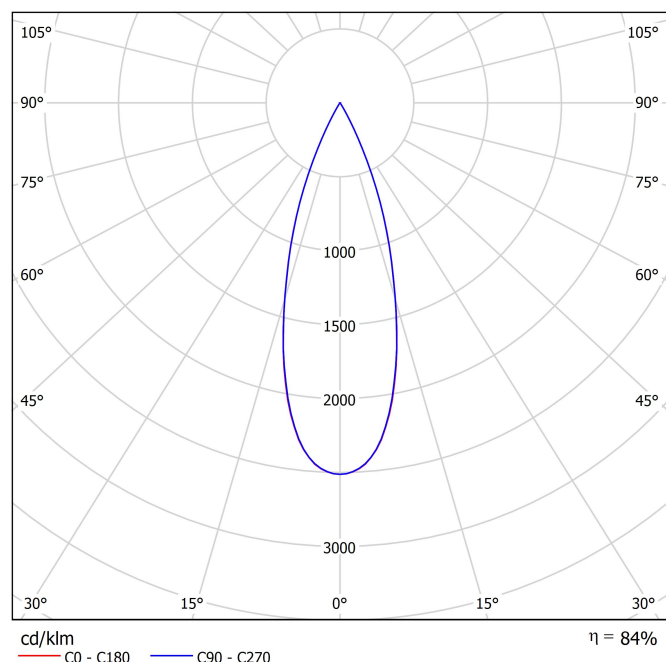
Sealing	IP20
Energy efficiency class	E
Emergency power supply	Please Consult
Recess measurements	Ø30 mm
Weight	130 g
Packaged weight	160 g
Packaging dimensions	155 x 60 x 45 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

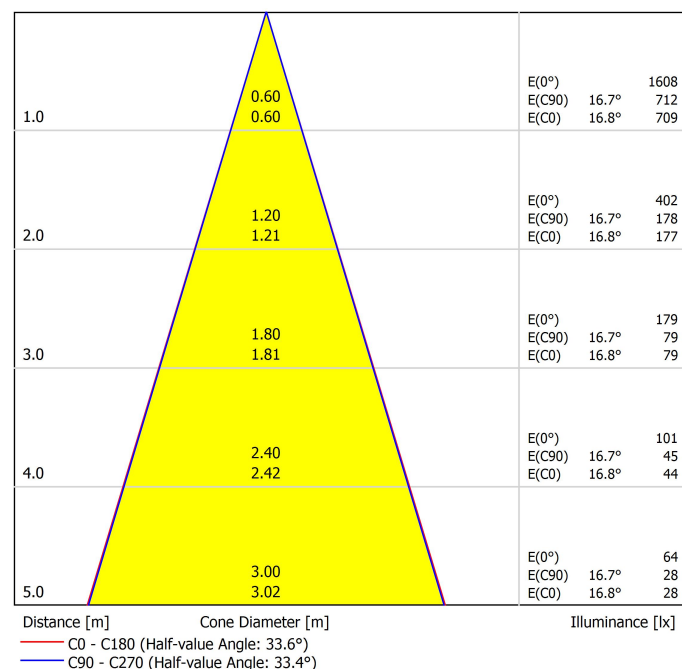


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Polar diagram



Conical diagram



UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	70
ρ Walls		50	30	50	30	30	50	30	50	30	30	50
ρ Floor		20	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	1.0	1.7	1.3	1.9	2.1	1.0	1.7	1.3	1.8	2.0	2.0
	3H	3.2	3.8	3.5	4.0	4.2	3.3	3.9	3.5	4.1	4.3	4.3
	4H	4.4	5.0	4.7	5.2	5.5	4.5	5.0	4.8	5.3	5.5	5.5
	6H	5.6	6.1	6.0	6.4	6.7	5.7	6.2	6.0	6.5	6.7	6.7
	8H	6.2	6.7	6.5	6.9	7.2	6.3	6.7	6.6	7.0	7.3	7.3
4H	12H	6.9	7.3	7.2	7.6	7.9	7.0	7.4	7.3	7.7	8.0	8.0
	2H	1.7	2.3	2.0	2.5	2.8	1.7	2.3	2.0	2.5	2.8	2.8
	3H	4.1	4.6	4.5	4.9	5.2	4.2	4.7	4.5	5.0	5.3	5.3
	4H	5.6	6.0	6.0	6.3	6.7	5.6	6.0	6.0	6.3	6.6	6.6
	6H	7.0	7.4	7.4	7.7	8.1	7.0	7.3	7.4	7.7	8.1	8.1
8H	8H	7.7	7.9	8.1	8.3	8.7	7.7	8.0	8.1	8.4	8.8	8.8
	12H	8.5	8.7	8.9	9.1	9.6	8.5	8.8	9.0	9.2	9.6	9.6
	4H	6.1	6.4	6.5	6.8	7.2	6.1	6.4	6.5	6.8	7.2	7.2
	6H	7.8	8.0	8.2	8.4	8.8	7.8	8.0	8.2	8.4	8.8	8.8
	8H	8.6	8.7	9.0	9.2	9.6	8.6	8.8	9.1	9.2	9.7	9.7
12H	12H	9.6	9.7	10.1	10.2	10.7	9.7	9.8	10.1	10.3	10.8	10.8
	4H	6.2	6.5	6.6	6.9	7.3	6.2	6.5	6.6	6.9	7.3	7.3
	6H	8.0	8.1	8.4	8.6	9.1	8.0	8.1	8.4	8.6	9.0	9.0
	8H	8.9	9.0	9.3	9.5	9.9	8.9	9.1	9.4	9.5	10.0	10.0
Variation of the observer position for the luminaire distances S												
S = 1.0H S = 1.5H S = 2.0H		+2.7 / -0.9 +4.8 / -1.2 +6.6 / -1.6					+2.4 / -0.7 +4.4 / -1.0 +6.1 / -1.3					
Standard table		BK05					---					
Correction Summand		-7.1					---					
Corrected Glare Indices referring to 640lm Total Luminous Flux												



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 de 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

