



LED PANEL ECOWHITE V4

DESCRIPTION

LED Panel Ecowhite V4 is a luminaire suitable for replacing conventional T5 fixtures, generating up to 50% in energy savings. The panel cover has a UGR<19 value, which, according to EN 12464:2011, is ideally suited for offices, meeting rooms, libraries, health centers, schools, etc. With the special micro-prisma lens, the panels ensure a thoroughly diffused light effect for all kinds of applications. The fixture integrates perfectly with 600x600, 620x620, and 300x1200 common grid ceiling layouts, and 300x300, 300x600, 600x1200 special sizes. If there is no grid ceiling, a suspension kit or surface-mounted kit can be purchased to help install the luminaire in the desired area.

The integrated LED light source can last up to 50,000 hours, guaranteeing savings on maintenance and replacement costs. This fixture is also flicker-free, measured according to LM-79 and SDCM measuring methods. Because of its high efficiency of 120 lumens per watt, it's excellent value for money and guarantees a short payback period.



APPLICATIONS



Office



School



Hospital



Retail



Library



Congress

OPTIONAL

- Suspension Kit
- Surface Mounted Kit
- Mounting Clips
- Security Cable

SPECIFICATION

Item No.	EAN	Item Description	Power (W)	Lumen (LM)	Efficacy (lm/W)	Input Current(mA)	CCT(K)	CRI
248937	8719157048705	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 600X600 Philips Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
248938	8719157048712	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 600X600 UGR<19 Philips Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
248939	8719157048729	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 620X620 Philips Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
248940	8719157048736	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 620X620 UGR<19 Philips Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
248941	8719157048743	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 300X1200 Philips Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
248942	8719157048750	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 300X1200 UGR<19 Philips Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
248943	8719157048767	LED Panel Ecowhite V4.0 13W Max1560lm 3CCT 300X300 Philips Driver	13	1200/1560/1300	120@4000K	55	3000/4000/6500	>80
248944	8719157048774	LED Panel Ecowhite V4.0 20W Max2400lm 3CCT 300X600 Philips Driver	20	2000/2400/2100	120@4000K	90	3000/4000/6500	>80
248945	8719157048781	LED Panel Ecowhite V4.0 64W Max7680lm 3CCT 600X1200 Philips Driver	64	7000/7680/7500	120@4000K	265	3000/4000/6500	>80

SPECIFICATION

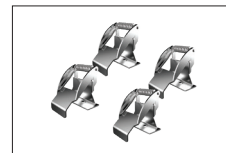
Item No.	EAN	Item Description	Power (W)	Lumen (LM)	Efficacy (lm/W)	Input Current(mA)	CCT (K)	CRI
249157	8719157049795	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 600X600 Noxion Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
249158	8719157049801	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 600X600 UGR<19 Noxion Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
249159	8719157049818	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 620X620 Noxion Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
249160	8719157049825	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 620X620 UGR<19 Noxion Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
249161	8719157049832	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 300X1200 Noxion Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
249162	8719157049849	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 300X1200 UGR<19 Noxion Driver	28	2800/3360/3000	120@4000K	115	3000/4000/6500	>80
249163	8719157049856	LED Panel Ecowhite V4.0 13W Max1560lm 3CCT 300X300 Noxion Driver	13	1200/1560/1300	120@4000K	55	3000/4000/6500	>80
249164	8719157049863	LED Panel Ecowhite V4.0 20W Max2400lm 3CCT 300X600 Noxion Driver	20	2000/2400/2100	120@4000K	90	3000/4000/6500	>80
249165	8719157049870	LED Panel Ecowhite V4.0 64W Max7680lm 3CCT 600X1200 Noxion Driver	64	7000/7680/7500	120@4000K	265	3000/4000/6500	>80

ACCESSORIES

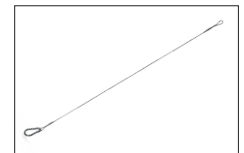
Item No.	EAN	Item Description
236958	8719157008594	LED Panel Suspension Kit
236959	8719157008600	LED Panel Mounting Clips
236960	8719157008617	LED Panel Security cable 1.5m
238301	8719157012775	LED Panel Removable Surface Mounted Kit 600X600mm (For all panels)
238302	8719157012782	LED Panel Removable Surface Mounted Kit 300X1200mm (For all panels)
249166	8719157049979	LED Panel Removable Surface Mounted Kit 620X620 for Ecowhite V4
249167	8719157049986	LED Panel Removable Surface Mounted Kit 300X300 for Ecowhite V4
249168	8719157049993	LED Panel Removable Surface Mounted Kit 300X600 for Ecowhite V4
249169	8719157050012	LED Panel Removable Surface Mounted Kit 600X1200 for Ecowhite V4



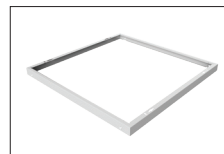
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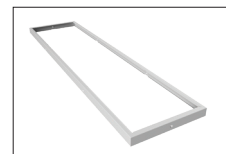
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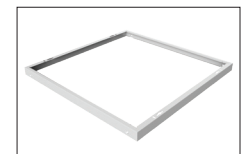
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8719157012782



8719157049979



8719157049986



8719157049993



8719157050012

TECHNICAL SPECIFICATIONS

Technical Specifications	
Dimmable	No
Beam angle (°)	120° (UGR<22) ; 90° (UGR<19)
IP	IP20
Protection class	Class II
Integrated driver (Yes/No)	YES
Glow wire test	650°

Electrical Supply	
Frequency (Hz)	50/60Hz
Voltage (V)	220-240V~
AC/DC	AC
Power factor (PF)	>0.9
Displacement factor (DF)	>0.9

Mechanical Properties	
Housing material	AL+Iron
Color (Housing)	White
Reflector	Iron
Diffuser	PS

Application	
Operating temperature	-20°C ~ +40°C
Storage temperature	-20°C ~ +40°C
Lifespan L80B50 at 25°C	50,000hrs

Certifications	
Fixture certifications	CE/RoHS/ENEC

SPECIFICATION DRIVER

Philips Driver:

	13W	20W	28W	64W	
Inrush current I peak(A)	9.91A	20A	28A	19.8A	input Voltage 230V
Inrush current I peak(µs)	128µs	70µs	100µs	380µs	input voltage 230V, measured at 50% I peak

Noxion Driver:

	13W	20W	28W	64W	
Inrush current I peak(A)	3.76A	11.9A	28.8A	45.8A	input Voltage 230V
Inrush current I peak(µs)	34.4µs	134µs	138µs	222µs	input voltage 230V, measured at 50% I peak

CIRCUIT BREAKER

Philips Driver:

Item	13W	20W	28W	64W
B16	89pcs	30pcs	30pcs	14pcs
C16	166pcs	51pcs	51pcs	23pcs

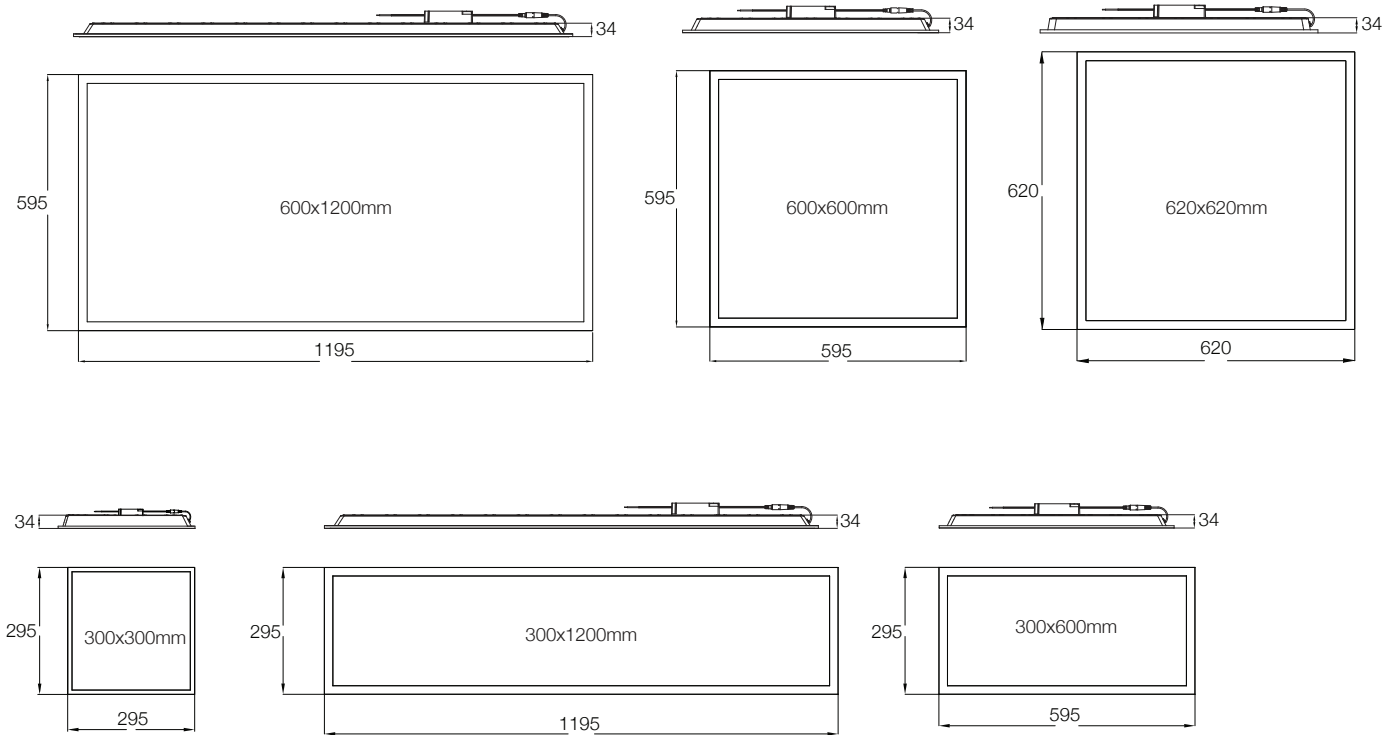
Noxion Driver:

Item	13W	20W	28W	64W
B16	142pcs	80pcs	33pcs	12pcs
C16	142pcs	80pcs	49pcs	21pcs

PACKAGING INFORMATION

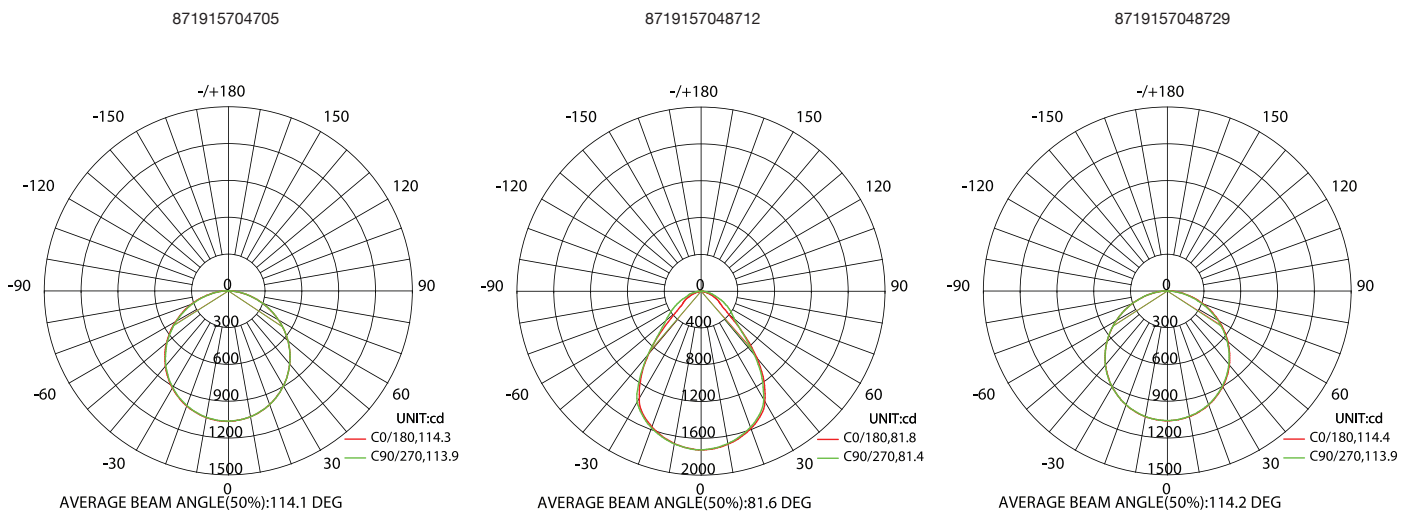
Item No.	EAN	Item description	Box 1 Item		Masterbox		
			Dimensions (mm) (HxWxD)	Weight (kg)	Units per masterbox	Dimensions (mm) (HxWxD)	Weight (kg)
248937	8719157048705	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 600X600 Philips Driver	605*40*620	1.75	6	625*265*635	11.42
248938	8719157048712	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 600X600 UGR<19 Philips Driver	605*40*620	1.97	6	625*265*635	12.74
248939	8719157048729	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 620X620 Philips Driver	625*40*645	1.94	6	645*265*660	12.61
248940	8719157048736	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 620X620 UGR<19 Philips Driver	625*40*645	2.16	6	645*265*660	13.93
248941	8719157048743	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 300X1200 Philips Driver	305*40*1220	1.90	6	1235*265*325	12.42
248942	8719157048750	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 300X1200 UGR<19 Philips Driver	305*40*1220	2.16	6	1235*265*325	13.98
248943	8719157048767	LED Panel Ecowhite V4.0 13W Max1560lm 3CCT 300X300 Philips Driver	305*40*320	0.55	6	325*265*335	3.715
248944	8719157048774	LED Panel Ecowhite V4.0 20W Max2400lm 3CCT 300X600 Philips Driver	305*40*620	1.01	6	635*265*325	6.675
248945	8719157048781	LED Panel Ecowhite V4.0 64W Max7680lm 3CCT 600X1200 Philips Driver	1240*40*605	3.89	4	1255*185*625	17.06
249157	8719157049795	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 600X600 Noxion Driver	605*40*620	1.75	6	625*265*635	11.42
249158	8719157049801	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 600X600 UGR<19 Noxion Driver	605*40*620	1.97	6	625*265*635	12.74
249159	8719157049818	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 620X620 Noxion Driver	625*40*645	1.94	6	645*265*660	12.61
249160	8719157049825	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 620X620 UGR<19 Noxion Driver	625*40*645	2.16	6	645*265*660	13.93
249161	8719157049832	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 300X1200 Noxion Driver	305*40*1220	1.90	6	1235*265*325	12.42
249162	8719157049849	LED Panel Ecowhite V4.0 28W Max3360lm 3CCT 300X1200 UGR<19 Noxion Driver	305*40*1220	2.16	6	1235*265*325	13.98
249163	8719157049856	LED Panel Ecowhite V4.0 13W Max1560lm 3CCT 300X300 Noxion Driver	305*40*320	0.55	6	325*265*335	3.71
249164	8719157049863	LED Panel Ecowhite V4.0 20W Max2400lm 3CCT 300X600 Noxion Driver	305*40*620	1.01	6	635*265*325	6.68
249165	8719157049870	LED Panel Ecowhite V4.0 64W Max7680lm 3CCT 600X1200 Noxion Driver	1240*40*605	3.89	4	1255*185*625	17.06

DIMENSIONAL DRAWINGS

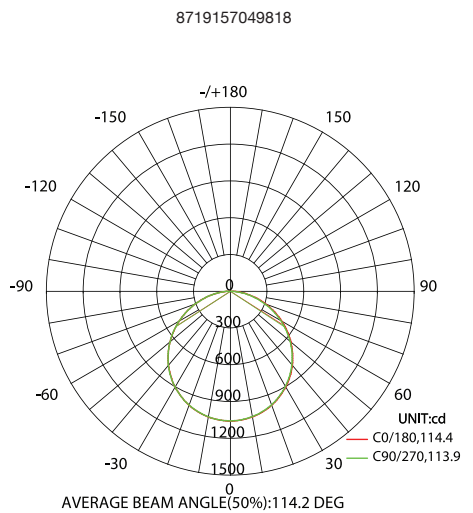
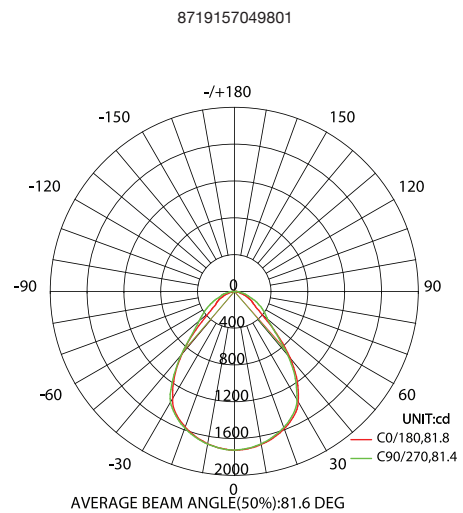
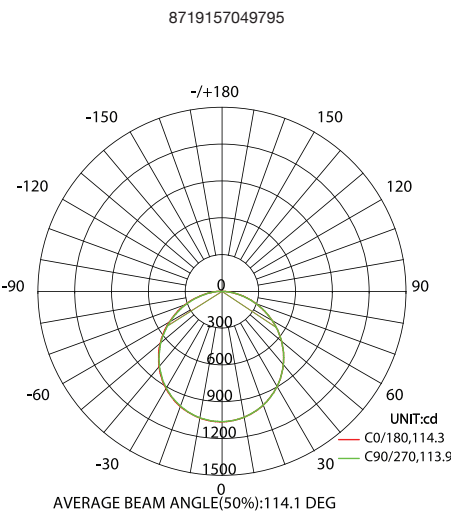
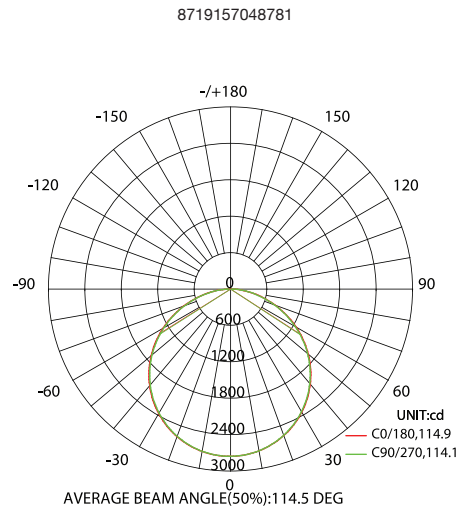
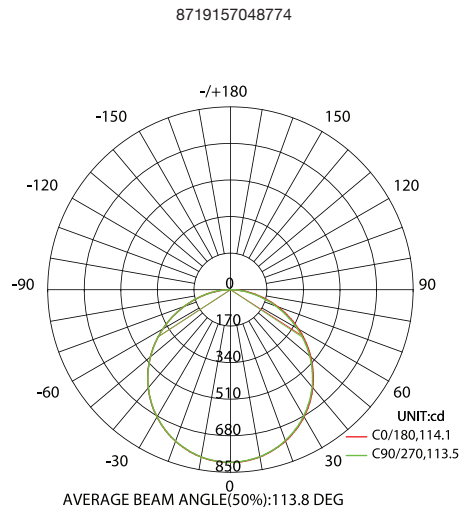
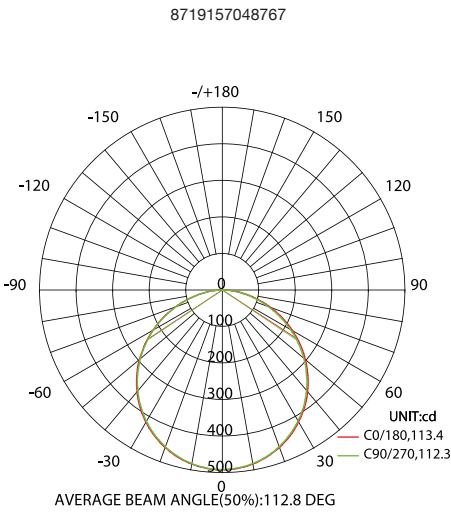
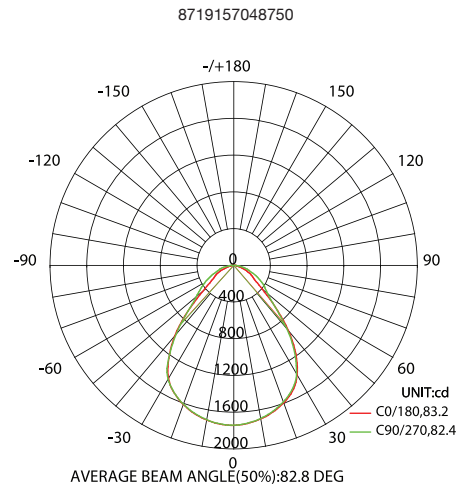
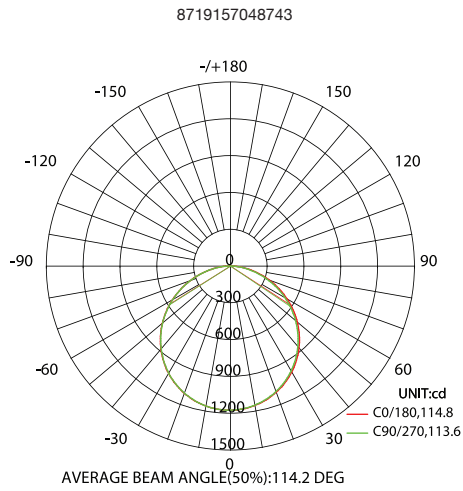
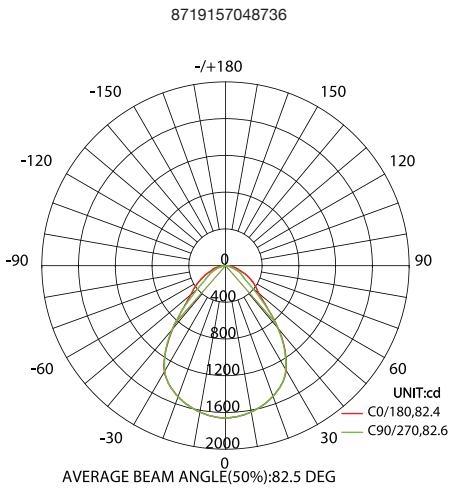


*Dimensions in mm

PHOTOMETRIC SPECIFICATIONS



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