

LED Light Fixture



# Plant-Ex series

Explosion-proof illumination



Plant-30-Ex



Plant-50-Ex



Plant-70-Ex



Plant-100-Ex



Indoor areas with potentially explosive atmosphere of gas, dust and vapor in accordance with State Standards IEC 60079-0-2011, IEC 60079-15-2010, IEC 61241-1-2-2011.

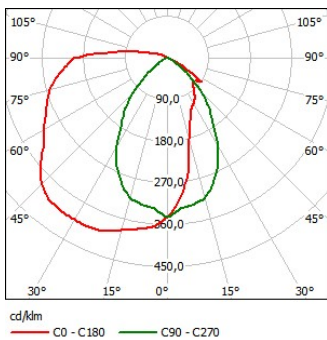
## Basic parameters of LED light fixture

Product name	Light flux, lm	Power consumption, W	Explosion-proof construction	IP degree	Overall dimensions (AxBxC), mm	Weight, kg
Plant-30-Ex (SSO-A-220-003-01-N/W-MCC1-Ex)	3250	26	Ex nR II T4 Gc / DIP A21 TA(110...135)°C	IP65	310x180x107	3,0
Plant-50-Ex (SSO-A-220-004-01-N/W-MCC1-Ex)	7750	62			635x180x107	5,5
Plant-70-Ex (SSO-A-220-010-01-N/W-MCC1-Ex)	11250	90			715x180x107	6,0
Plant-100-Ex (SSO-A-220-005-01-N/W-MCC1-Ex)	15650	125			1228x180x107	10,0

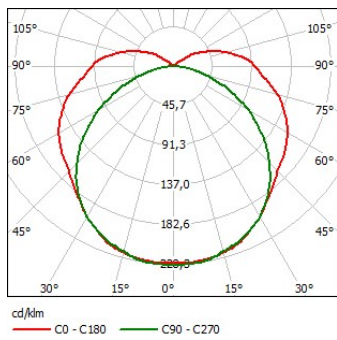
## General parameters of LED light fixture

AC supply voltage, V	from 140 to 265
Nominal frequency, Hz	50±10%
DC supply voltage, V	from 200 to 370
Operating temperature range, °C	from - 40 to + 60
Emission color	white
Color temperature of emission, K	W - 3000÷4000/N - 4000÷6000
Electric shock protection class in accordance with IEC 60598-1, part 8	I
Climatic performance in accordance with State Standard 15150	MCC1
Warranty, years	5
Durability, hours	100000

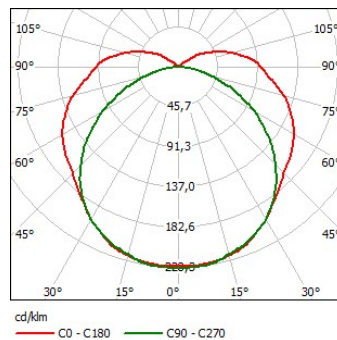
## Light Distribution Curve



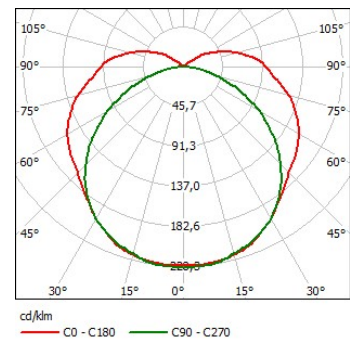
A - cosine  
Plant-30-Ex



A - cosine  
Plant-50-Ex

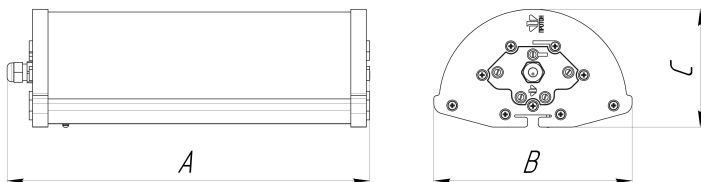


A - cosine  
Plant-70-Ex



A - cosine  
Plant-100-Ex

### Overall dimensions of LED light fixture



### Installation type of LED light fixture

