Fiscal Year:	FY 2019	**Task Last Updated:**	FY 06/10/2019
PI Name:	Dave, Shivang Ph.D.		
Project Title:	Objective Refraction with Self-Operable, Lightweight Autorefractor		
Division Name:	Human Research		
Program/Discipline:			
Program/Discipline--Element/Subdiscipline:	TRISH--TRISH		
Joint Agency Name:		**TechPort:**	Yes
Human Research Program Elements:	None		
Human Research Program Risks:	None		
Space Biology Element:	None		
Space Biology Cross-Element Discipline:	None		
Space Biology Special Category:	None		
PI Email:	shivang@plenoptika.com	**Fax:**	FY
PI Organization Type:	INDUSTRY	**Phone:**	617-862-2203
Organization Name:	PlenOptika, Inc.		
PI Address 1:	955 Massachusetts Ave #339		
PI Address 2:			
PI Web Page:			
City:	Cambridge	**State:**	MA
Zip Code:	02139	**Congressional District:**	5
Comments:			
Project Type:	Ground	**Solicitation / Funding Source:**	TRISH--Industry
Start Date:	05/01/2019	**End Date:**	04/30/2020
No. of Post Docs:		**No. of PhD Degrees:**	
No. of PhD Candidates:		**No. of Master' Degrees:**	
No. of Master's Candidates:		**No. of Bachelor's Degrees:**	
No. of Bachelor's Candidates:		**Monitoring Center:**	TRISH
Contact Monitor:		**Contact Phone:**	
Contact Email:			
Flight Program:			
Flight Assignment:			
Key Personnel Changes/Previous PI:			
COI Name (Institution):			
Grant/Contract No.:	NNX16AO69A-IND0012		
Performance Goal No.:			
Performance Goal Text:			
Task Description:	Industry Project Over a billion people worldwide suffer from poor vision, because they do not have access to eye care professionals. PlenOptika has developed the portable QuickSee system to automatically measure eye refractive errors and monitor changes over time, eliminating the need for an eye care professional to perform these tests. To improve access to eye care globally, PlenOptika proposes upgrading QuickSee by making it lighter and therefore easier for children and the elderly to use, and implementing a feedback system to help users take measurements faster and more reliably.		
Rationale for HRP Directed Research:			

Research Impact/Earth Benefits:	
Task Progress:	New project for FY2019.
Bibliography Type:	Description: (Last Updated:)